

1967
OLDSMOBILE



F-85
Cutlass
4-4-2

ASSEMBLY MANUAL

PART NO.	DESCRIPTION	MATERIAL	ASSEMBLY		APPLICATION	AUDIT TORQUE ON COMPLETED CARS
			LINE	INSTALLATION TORQUE		
GRP. #1						
1366144-B	7/16-14 X 2.62	GM 260-M	35-45 LB. FT.		BODY MOUNTING EXC. #9 POSITION	25-55 LB. FT.
1366143-B	7/16-14 X 2.25	GM 260-M (G)	35-45 LB. FT.		BODY MOUNTING #9 POSITION	25-55 LB. FT.
386787-B	7/16-14 X 2.15 (OPT)	GM 260-M				
GRP. #2						
9418822-B	3/8-16 X 1	GM 280-M			TRANSMISSION SUPPORT TO FRAME	
9418931-M	3/8-16	GM 286-M	30-40 LB. FT.			
GRP. #3						
9418931-M	3/8-16	GM 286-M	120-180 LB. IN.		BUMPER TO LOWER ARM	
(*)9421430-B	1/2-13 X 3 3/4	GM 300-M	90-120 LB. FT.		LOWER ARM TO FRAME BRACKET	60-110 LB. FT.
9422301-M	1/2-13 (LOCK)	GM 301-M	70-90 LB. FT.			
(*)9421430-B	1/2-13 X 3 3/4	GM 300-M	90-120 LB. FT.		LOWER ARM TO FRAME FRONT CROSS BAR	60-110 LB. FT.
9422301-M	1/2-13 (LOCK)	GM 301-M	70-90 LB. FT.			
9422286-M	5/8-18(LOCK)	GM 286-M (E)	45-60 LB. FT.		BUSHING TO UPPER ARM SHAFT	(F) 35-70 LB. FT.
GRP. #4						
381909-B	7/16-14 X 2 1/4	GM 300-M			UPPER ARM SHAFT TO FRAME BRACKET	35-45 LB. FT.
9422299-M	7/16-14 (LOCK)	GM 301-M	45-55 LB. FT.			
102647-M	1/2-20	GM 286-M	(*)20-40-60 LB. FT.		KNUCKLE TO UPPER CONTROL ARM	30-90 LB. FT.
9418843-M	9/16-18	GM 301-M	(*)20-40-60 LB. FT.		KNUCKLE TO LOWER CONTROL ARM	30-90 LB. FT.
378137-M	3/4-20	GM 286-M	(SEE NOTE *1)		HUB TO KNUCKLE	
358501-M	7/16-20	GM 286-M (K)	65-85 LB. FT.		WHEEL	(L) 55-95 LB. FT.
1365067-M	3/8-24	SAE 1113	60-120 LB. IN.		SHOCK ABSORBER UPPER MOUNTING	
(P) 9420555-SC	5/16-18 X 7/8	GM 275-M	15-25 LB. FT.		SHOCK ABSORBER LOWER MOUNTING	
391359-M	5/16-18 U TYPE	SAE 1108				
9422107-SC	5/16-18 X 1 1/8	GM 6010	120-180 LB. IN.		STABILIZER BRACKET TO FRAME	
381954	5/16-18 X 6.89 (LINK)	SAE 1020-1022			STABILIZER LINK	
1365065-M	5/16-18 (SPECIAL)	GM 286-M	60-180 LB. IN.			
GRP. #4						
1357255	5/16-18 "U" BOLT	SAE 1041			PROPELLER SHAFT TO AXLE PINION FLANGE	10-20 LB. FT.
102634-M	5/16-18	GM 286-M	12-16 LB. FT.			
358501-M	7/16-20	GM 286-M (K)	65-85 LB. FT.		WHEEL TO AXLE SHAFT	(L) 55-95 LB. FT.
(*)9421430-B	1/2-13 X 3 3/4	GM 300-M	90-120 LB. FT.		UPPER ARMS TO FRAME CROSS MEMBER (EXC. EXT. WAG.) 60-110 LB. FT.	
(*)9421430-B	1/2-13 X 3 3/8	GM 300-M	90-120 LB. FT.		UPPER ARMS TO FRAME CROSS MEMBER (EXT. WAG.) 60-110 LB. FT.	
9422301-M	1/2-13 (LOCK)	GM 301-M	70-90 LB. FT.			
(*)9421430-B	1/2-13 X 3 3/4	GM 300-M				

REVISION		REVISION		REVISION		REVISION		REVISION		
26	K	WAS 55-75 LB. FT.	35	A	WAS 45-50 LB. FT.	36	A	35-45 LB. FT.	37	A
27	J	NOTE ADDED	38	B	WAS 45-55 LB. FT.	39	A	30-90 LB. FT.	40	A
28	H	BOLT TORQUE ADDED	41	C	454912-B REMOVED	42	A	60-110 LB. FT.	43	A
29	G	WAS GM 280-M	44	B	WAS 105030-N	45	A		46	A
30	F	TORQUE ADDED	47	A	WAS 3896202	48	A		49	A

TITLE				CHART-WRENCH TORQUE (CHASSIS)			
DATE	FEB 18, 1966	FIRST USED	1967	OLDSDODGE PRODUCT	MANUAL SECTION	PAGE	103
DR. BY	K. LOVELL	INFORMATION MANUAL		0			
CHECKED	J. N. ARBES	SERIES	A	PART NO.	396480		
APPR.	J. Lovell						

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

PART NO.	DESCRIPTION	MATERIAL	ASSEMBLY		APPLICATION	AUDIT TORQUE ON COMPLETED CARS
			LINE	TORQUE		
9421430-B	1/2-13 X 3 3/4	GM 300-M	90-120 LB. FT.		LOWER ARM ASSEMBLY TO REAR BRACKET	60-110 LB. FT.
9422301-N	1/2-13 (LOCK)	GM 301-M	70-90 LB. FT.			
9419073-B	7/16-14 X 1.00 (V-B)	GM 280-M	35-55 LB. FT.		BUMPER SPACER TO AXLE HOUSING BRKT (EXC. EXT. SWI)	
9418897-N	7/16-14	GM 286-M	20-30 LB. FT.		CLAMP REAR SPRING TO LOWER ARM	
100161-B	1/2-13 X 1 3/4	GM 260-M	20-30 LB. FT.			
9418828-N	1/2-13	GM 286-M	20-30 LB. FT.			
385099-B	5/16-18 X .719	GM 275-M	15-25 LB. FT.		REAR SHOCK ABS. UPPER MOUNTING (EXC. EXT. SWI)	
102634-N	5/16-18	GM 286-M				
1365867-N	3/8-24	SAE 1113	60-120 LB. IN.		REAR SHOCK ABS. UPPER MOUNTING (EXT. SW ONLY)	
9421085-N	1/2-20	GM 286-M	30-60 LB. FT.		REAR SHOCK ABS. LOWER MOUNTING	
GRP. #1						
1381743-B	1/2-20 X 2 13/32	GM 300-M	70-90 LB. FT.		ANCHOR BOLT-BACKING PLATE TO KNUCKLE	75-130 LB. FT.
9422302-N	1/2-20 (LOCK)	GM 301-M				
1381743-B	1/2-20 X 2 13/32	GM 300-M	80-120 LB. FT.		WHEEL CYLINDER TO BACKING PLATE	
5467625-SC	1/4-20 X .485	GM 280-M	60-180 LB. IN.		BRAKE TO AXLE HOUSING (EXT. EXT. SWI)	20-50 LB. FT.
9776453-B	3/8-24 X 1.00	GM 300-M	30-40 LB. FT.		BRAKE TO AXLE HOUSING (EXT. SW ONLY)	20-50 LB. FT.
385186-N	3/8-24	GM 286-M	30-40 LB. FT.			20-50 LB. FT.
414999-B	3/8-24 X 1.00	GM 1335	30-40 LB. FT.			
1368360-B	3/8-24 X 1.00 (OPT)	GM 300-M	30-40 LB. FT.			
385186-N	3/8-24	GM 286-M	30-40 LB. FT.			
9420821-N	3/8-24	GM 286-M	11-16 LB. FT.		PUSH ROD CLEVIS	
9418931-N	3/8-16	GM 286-M	20-28 LB. FT.		PEDAL BRACKET TO DASH PANEL	15-30 LB. FT.
9419380-SC	1/4-14X3/4	GM 6010-M	72-108 LB. IN.		LEVER ASSY TO INSTRUMENT PANEL	
1359887-N	5/16-18	GM 286-M	84-120 LB. IN.		LEVER ASSY TO DASH-PARKING BRAKE	
9418931-N	3/8-16	GM 286-M	20-28 LB. FT.		MASTER CYLINDER TO PEDAL BRACKET	15-30 LB. FT.
9420825-SC	5/16-18 X 9/16	GM 6010-M	120-180 LB. IN.		HOSE BRACKET TO FRAME-FRONT	
9420825-SC	5/16-18 X 9/16	GM 6010-M	120-180 LB. IN.		BRAKE PIPE DIST. TO FRAME-FRONT	
9419029-B	5/16-18 X 1/2	GM 280-M			REAR HOSE BRKT. TO AXLE HOUSING	
9418918-B	5/16-18 X 1	GM 280-M	120-180 LB. IN.		REAR HOSE TO BRACKET	
GRP. #6						
454932-B	7/16-14 X 1.00	GM 300-M	70-85 LB. FT.		MOUNT ASSY TO ENGINE (V-8)	
3841492-SC	3/8-16 X 3/4	GM 275-M	25-40 LB. FT.		BRACKET ASSY TO ENGINE (L-6)	
9423624-B	7/16-14 X 4	GM 300-M	40-55 LB. FT.		ENGINE MOUNT ASSY TO ENG. BRKT. ASSY (L-6) & ENG. MOUNT ASSY TO FRAME BRKT. (V-8)	
9418897-N	7/16-14	GM 286-M				
9419073-B	7/16-14 X 1.00	GM 280-M	55-65 LB. FT.		ENGINE MOUNT TO FRAME BRKT. (L-6)	
9418967-B	3/8-16 X 3/4	GM 280-M			BRACKET ENGINE MOUNTING TO FRAME (L6 & V8)	
9418931-N	3/8-16	GM 286-M	25-40 LB. FT.			
9419073-B	7/16-14 X 1.00	GM 280-M	45-60 LB. FT.		TRANS. MOUNT ASSY TO SUPPORT	
9419073-B	7/16-14 X 1.00	GM 280-M	45-60 LB. FT.		MOUNT ASSY TO TRANSMISSION	

*B ANY RETORQUE SUBSEQUENT TO THE INITIAL APPLICATION
MUST BE APPLIED TO THE SAME END AS TORQUED INITIALLY.

CHART - WRENCH TORQUE (CHASSIS) DATE FEB 17, 1966 DESIGNED BY K. LOVELL CHECKED J. N. RAMES APPROVED J. J. [Signature]				FIRST USED 1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 0	PAGE 1.04
5-267 N WAS 9419727-SCREW TORQUE WAS 60-100 LB IN	5-1766 J WAS 116496	5-1766 H BOLT TORQUE ADDED	5-1766 G NOTE ADDED	5-1766 F WAS 9416637	5-1766 E WAS 60-82 LB FT	5-1766 D WAS 582088-B	5-1766 C WAS 3765425-N
5-267 M TORQUE WAS 60-100 LB IN	5-1766 K WAS 9416637-B	5-1766 L WAS 9416637	5-1766 M WAS 9416637	5-1766 N WAS 9416637	5-1766 O WAS 9416637	5-1766 P WAS 9416637	5-1766 Q WAS 9416637
5-267 L WAS 9419073	5-1766 R WAS 9416637	5-1766 S WAS 9416637	5-1766 T WAS 9416637	5-1766 U WAS 9416637	5-1766 V WAS 9416637	5-1766 W WAS 9416637	5-1766 X WAS 9416637

AUDIT TORQUE
ON
COMPLETED CARS

SHEET 2

PART NO. **396480**

PART NO.	DESCRIPTION	MATERIAL	ASSEMBLY		APPLICATION	AUDIT TORQUE ON COMPLETED CARS
			LINE INSTALLATION TORQUE	TORQUE		
9418994-B	3/8-16 X 1 1/4	GM 280-M	GRP. #35N10	10-18 LB. FT.	EXH. PIPE TO MANIFOLD (D)	
569206	5/16-18 "U" BOLT	GM 280-M			MUFFLER TO EXHAUST PIPE L.H.	
1359887-M	5/16-18	GM 286-M		132-180 LB. IN.		
1359968	5/16-18 "U" BOLT	SAE 1010		132-180 LB. IN.	MUFFLER & TAIL PIPE TO HANGER ASSY - L.H. (D)	
1359887-M	5/16-18	GM 286-M		132-180 LB. IN.	MUFFLER & TAIL PIPE TO HANGER ASSY - R.H.	
569206	5/16-18 "U" BOLT	GM 280-M				
1359887-M	5/16-18	GM 286-M		132-180 LB. IN.		
9419402-SC	5/16-18 X 3/4	GM 6010-M		72-96 LB. IN.	TAIL PIPE HANGER ASSY TO FRAME	
1363900-SC	#20-9 X 1 1/4	GM 275-M		108-144 LB. IN.	TAIL PIPE & CLAMP TO HANGER	
9419402-SC	5/16-18 X 3/4	GM 6010-M		72-96 LB. IN.	TAIL PIPE HANGER ASSY TO FRAME-REAR	
GRP. #35M11						
9418994-B	3/8-16 X 1/4	GM 280-M		10-18 LB. FT.	EXHAUST PIPE TO MANIFOLD	
569017	5/16-18 "U" BOLT	GM 280-M			MUFFLER TO EXH. PIPE L.H. (D)	
1359887-M	5/16-18	GM 286-M		132-180 LB. IN.		
568917	5/16-18 "U" BOLT	GM 280-M			MUFFLER & TAIL PIPE TO HANGER ASSY L.H.	
1359887-M	5/16-18	GM 286-M		132-180 LB. IN.		
GRP. #35N63						
568553-B	3/8-24 X 1.22(1/2) INCH BOLT	GM 280-M		25-35 LB. FT.	FRANCE ASSY TO STEERING SHAFT	20-45 LB. FT.
5686404-SC	#12-28 X 1 7/16	SAE 4037			SUPPORT-COLUMN ASSY TO DASH	
GRP. # 35M60						
3824475-N	9/16x18	GM 301-M		50-70 LB. FT.	POWER STEERING PULLEY ASSEMBLY TO PUMP (LH)	45-75 LB. FT.
9419666-M	1/2x20	SAE 286-M		40-60 LB. FT.	POWER STEERING PULLEY ASSEMBLY TO PUMP (RH)	35-70 LB. FT.
GRP. #35N61						
9418994-B	3/8-16 X 1 1/4	GM 280-M		10-18 LB. FT.	EXH. PIPE TO MANIFOLD (D)	
569206	5/16-18 "U" BOLT	GM 280-M			MUFFLER TO EXHAUST PIPE L.H.	
1359887-M	5/16-18	GM 286-M		132-180 LB. IN.		
1359968	5/16-18 "U" BOLT	SAE 1010		132-180 LB. IN.	MUFFLER & TAIL PIPE TO HANGER ASSY	
1359887-M	5/16-18	GM 286-M		132-180 LB. IN.		
9419402-SC	5/16-18 X 3/4	GM 6010-M		72-96 LB. IN.	TAIL PIPE HANGER ASSY TO FRAME	
1363900-SC	#20-9 X 1 1/4	GM 275-M		108-144 LB. IN.	TAIL PIPE & CLAMP TO HANGER	
9419402-SC	5/16-18 X 3/4	GM 6010-M		72-96 LB. IN.	TAIL PIPE HANGER ASSY TO FRAME-REAR	

CHART-WRENCH TORQUE (CHASSIS)									
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK

TITLE		FIRST USED		OLDSMOBILE PRODUCT		MANUAL SECTION		PAGE	
DATE FEB 17, 1967		1967		INFORMATION MANUAL		0		1.07	
DR. BY R. LOVELL		SERIES		PART NO.		396480			
CHECKED J. N. RAMES		A							
APPR. J. J. J.									

PART NO.	DESCRIPTION	MATERIAL	ASSEMBLY LINE INSTALLATION TORQUE	APPLICATION
9423620-SC	M-20 X 3/16	GM 6010-M	12-18 LB. IN. (E)	SHIFT INDICATOR CLAMP U/I
162396-SC	M-19 X 1/2	STEEL	12-18 LB. IN.	SEAL & RETAINER TO FLOOR (SM-HD FLOOR SHIFT) (DND EXC. 3055, 651) (DND EXC. 3055, 651) (DND EXC. 3055, 651) (F51) (V8)
9419663-SC	M-18 X 1/2	GM 6010-M	8-18 LB. IN.	NEUTRAL SAFETY & BACK-UP LAMP SWITCH TO BRACKET U/I, THRU (V8 WITH 059)
3837950-SC	010-16 X 3/16	STEEL	36-60 LB. IN.	THROTTLE SWITCH CABLE ASSY CLIP TO TRANSMISSION U/I (V8, U/I THRU (V8)
423399-SC	010-24 X .500	SAE 01010 OR 01020	12-18 LB. IN.	BACK-UP LAMP SWITCH TO BRKT. (SM-HD FLOOR SHIFT) (V8) (DND EXC. 3055, 651) (DND EXC. 3055, 651) (F51) (V8)
423399-SC	010-24 X .500	SAE 01010 OR 01020	12-18 LB. IN.	TRANS. CONTROL SWITCH TO THROTTLE CABLE BRACKET CLAMP U/I (U8)
9420973-SC	012-28 X .938	SAE 01010 OR 01020	50-60 LB. IN.	ACCELERATOR RETURN SPRING BRKT. TO CARBURETOR (SM U/I (U8)
9419400-SC	1/4-14 X 1/2	GM 6010-M	22-94 LB. IN.	AUTO. THROTTLE CONTROL SWITCH BRKT. TO PEDAL MTC. BRKT. U/I, THRU (V8)
9419400-SC	1/4-14 X 1/2	GM 6010-M	15-25 LB. IN.	AUTO. THROTTLE CONTROL SERVO BRKT. TO BASH U/I & POWER BRACES (V8) THROTTLE CONTROL CABLE TO BASH (SM/THRU)
9419400-SC	1/4-14 X 1/2	GM 6010-M	15-25 LB. IN.	ACCEL. PEDAL ROD SUPPORT ASSY TO BASH (SM U/I (U8)
9419727-SC	1/4-14 X 5/8	GM 6010-M	15-25 LB. IN.	AUTO. THROTTLE CONTROL REGULATOR BRACKET TO FILER PLATE U/I & POWER BRACES (V8) (DND EXC. 3055-651)
9419727-SC	1/4-14 X 5/8	GM 6010-M	72-94 LB. IN.	THROTTLE SWITCH ASSY TO BRKT. U/I, THRU (V8) CONVERTER COVER PAN TO TRANS. CASE U/THRU (U8)
9419727-SC	1/4-14 X 5/8	GM 6010-M	72-94 LB. IN.	AUXILIARY MULLER/BRKT. BRKT. TO PEDAL BEARING BRACKET (SM (V8)
9419727-SC	1/4-14 X 5/8	GM 6010-M	25-35 LB. IN.	ACCEL. PEDAL ROD & BRKT. ASSY TO BASH (SM/THRU)
9423329-SC	1/4-14 X 5/8	GM 6010-M	25-35 LB. IN.	ACCEL. PEDAL ROD & BRKT. ASSY TO BASH (SM/THRU)
9423329-SC	1/4-14 X 5/8	GM 6010-M	72-94 LB. IN.	SHIFT LEVER BRKT. TO BODY U/I, THRU (V8 WITH 059)
9423329-SC	1/4-14 X 5/8	GM 6010-M	25-35 LB. IN.	AUTO. THROTTLE CONTROL REGULATOR BRKT. TO FILER PLATE U/I & POWER BRACES (V8) (DND EXC. 3055, 651) (F51) (V8)
3017006-SC	1/4-20 X 7/16	SAE 01018 OR 01026	48-64 LB. IN.	CLUTCH HOUSING COVER TO CLUTCH HOUSING (SM (U8) (MTC. 1)
388700-0	1/4-20 X .562	GM 200-M	60-90 LB. IN.	AUTO. THROTTLE CONTROL REGULATOR ASSY TO BRKT. U/I & POWER BRACES (V8)
397132-0 (OPT)	1/4-20 X .562	GM 200-M	60-90 LB. IN.	AUTO. THROTTLE CONTROL REGULATOR ASSY TO BRKT. U/I & POWER BRACES (V8)
9409187-SC	1/4-20 X 5/8	GM 200-M	48-64 LB. IN.	SPEEDOMETER DRIVER GEAR SHAFT RETAINER TO TRANSMISSION (SM)
396286-KX08	1/4-20	BRASS INSERT	25-40 LB. IN.	SHIFT LEVER KNOB U/I (DND), 01 WITH 059)
1365008-STUD	1/4-20	SAE 01112	20-40 LB. IN. (H)	ACCELERATOR PEDAL STUD TO PLATE (SM/THRU, U8)
9419143-M	1/4-20	GM 200-M	48-64 LB. IN.	THROTTLE CABLE CLAMP TO BRKT. (SM/THRU)
9419143-M	1/4-20	GM 200-M	48-64 LB. IN.	THROTTLE LEVER ASSY TO CARBURETOR (DND, 3007, 17, 47, 3017, 67) (SM/THRU)
9419143-M	1/4-20	GM 200-M	48-64 LB. IN.	THROTTLE LEVER TO THROTTLE LEVER STUD (DND, 3007, 17, 47, 3017, 67) (SM/THRU)
9419143-M	1/4-20	GM 200-M	48-64 LB. IN.	SHIFT LEVER INDEX PLATE TO SHIFT LEVER BRACKET U/I, THRU (V8 WITH 059)
9419143-M	1/4-20	GM 200-M	48-64 LB. IN.	VACUUM SERVO TO BRACKET AUTO THROTTLE CONTROL U/I & POWER BRACES (V8)

AUDIT TORQUE ON COMPLETED CARS

CHART - WRENCH TORQUE (TRANS)

YEAR	1967	PAGE	0	TORQUE	1.08
MODEL	OLDSMOBILE	NO.	A	DATE	396749
DESCRIPTION	SHIFT LEVER INDEX PLATE TO SHIFT LEVER BRACKET U/I, THRU (V8 WITH 059)	APPROVED		INSPECTED	
REVISIONS					

OLDSMOBILE DIVISION

GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

PART NO.	DESCRIPTION	MATERIAL	ASSEMBLY LINE INSTALLATION TORQUE	APPLICATION	AUDIT TORQUE ON COMPLETED CARS
115002-N	1/4-28	GM 280-M	60-84 LB. IN.	ACCEL. LEVER ROD TO CONNECTOR (3007, 3007, 17, 07, 3817, 67) (SMANVBL99)	
115002-N	1/4-28	GM 280-M	60-84 LB. IN.	CARBURETOR LEVER ROD TO CONNECTOR (SM) (LT) (VB)	
1301477-SC	5/16-18 X .440	GM 280-M	17-23 LB. FT.	CONTROL ROD SWIVEL CLAMP TO EQUALIZER (LT) (LA) (VB EXC. 059) (THM) (VB EXC. 059)	
1301477-SC	5/16-18 X .440	GM 280-M	17-23 LB. FT.	1ST & REV. AND 2ND & 3RD SHIFT RODS TO LEVER & BRKT. ASSY (SM-HD FLOOR SHIFTS) (VB EXC. 3005, 65) (3000 EXC. 3059) (3000 EXC. 3005, 69)	
1301477-SC	5/16-18 X .440	GM 280-M	17-23 LB. FT.	1ST & REV. SHIFT ROD TO TRANS. LEVER (SM) (VB, LA) 2ND & 3RD SHIFT ROD TO EQUALIZER (SM) (VB, LA)	
9419029-0	5/16-18 X .500	GM 200-M	10-15 LB. FT.	FLYWHEEL COVER TO FLYWHEEL HOUSING (SM) (VB)	
9419029-0	5/16-18 X .500	GM 200-M	10-15 LB. FT.	DASHPOT BRKT. TO MANIFOLD (LT) (3000, 3000, 3000) (VB 2 BARREL) (THM) (VB)	
9419029-0	5/16-18 X .500	GM 200-M	10-15 LB. FT.	RETAINER VACUUM MODULATOR TO TRANS. CASE (LT) (VB, LA)	
9420825-SC	5/16-18 X .562	GM 6010-M	10-15 LB. FT.	FLYWHEEL COVER TO CLUTCH HOUSING (SM) (VB)	
9419029-0	5/16-18 X .500	GM 200-M	90-102 LB. IN.	SPEEDO SLEEVE RETAINER TO BEAR BEARING RETAINER (LT) (VB, LA) (THM) (VB)	
115658-0	5/16-18 X .562	GM 260-M	90-190 LB. IN.	RETAINER VACUUM MODULATOR TO TRANS. CASE (THM)	
9422550-SC	5/16-18 X .690	STEEL	20-30 LB. FT.	DIFFERENTIAL CARRIER COVER TO CARRIER	
9419029-0	5/16-18 (SPEC)	SAC 01041	10-20 LB. FT.	DIFFERENTIAL PINION SHAFT LOCK	
9417950-SC	5/16-18 X .750	GM 6010-M	10-15 LB. FT.	SHIFT CABLE BRACKET TO TRANSMISSION (LT, THM) (VB WITH 059)	
9419029-SC	5/16-18 X .750	GM 6010-M	120-180 LB. IN.	SHIFT EQUALIZER BRKT. TO FRAME (SM) (LT) (LA) (THM) (VB EXC. 059)	
9419029-SC	5/16-18 X .750	GM 6010-M	120-180 LB. IN.	CLIP OIL COOLER PIPES TO FRAME (LT) (VB, LA) (THM) (VB)	
9776251-STUD	5/16-18 SPEC.	SAC 01016 OR 01113	168-204 LB. IN.	CONTROL IDLER LEVER TO MANIFOLD (SM) (LT) (LA) (RES.)	
9418092-M	5/16-24	GM 280-M	90-132 LB. IN.	DASHPOT ASSY TO BRKT. (LT) (3000, 3000, 3000) (VB 2 BARREL) (THM) (VB)	
396276-PIN	5/16-24 X 1.25	SAC 01020 OR 01112	90-132 LB. IN.	PIN TO SHIFT LEVER ROD (LT) (3017, 67 WITH 059)	
121852-0	3/8-16 X 1/2	GM 260-M	15-25 LB. FT.	MODULATOR PIPE CLIP TO CYL. HEAD	
1362977-0	3/8-16 X 1/2	GM 280-M	30-35 LB. FT.	TRANS. TO FLYWHEEL (FREMONT & FRANKLIN) PLANTS ONLY (LT) (LA)	
1362977-0	3/8-16 X 1/2	GM 280-M	30-35 LB. FT.	TRANS. TO FLYWHEEL (FREMONT PLANT ONLY) (LT) (VB) (EXC. S. W.) (THM) (VB)	
9409026-0	3/8-16 X 1/2	GM 300-M	30-35 LB. FT.	TRANS. TO FLYWHEEL (LANSLING & G.M. A.D. EXC. FREMONT & FRANKLIN) (LA)	
9409026-0	3/8-16 X 1/2	GM 300-M	30-35 LB. FT.	TRANS. TO FLYWHEEL (LANSLING & G.M. A.D. EXC. FREMONT) (LT, THM) (VB)	
9418967-0	3/8-16 X 3/4	GM 280-M	20-30 LB. FT.	OUTER SHIFT LEVERS TO TRANS. (SM) (VB, LA)	
9418967-0	3/8-16 X 3/4	GM 280-M	20-30 LB. FT.	SHIFT ASSY. SUPT. TO TRANS. (SM-HD FLOOR SHIFTS) (3000 EXC. 3005, 65) (3000 EXC. 3005) (3000 EXC. 3005, 65) (VB) (3000-3000-3000) (F51) (VB)	

SHEET 2

CHART-WRENCH TORQUE (TRANS)									
REVISION					TITLE				
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK
					10/12/66	E	WRS 120-180 LB. IN.		
					9/19/66	D	121852-0 ADDED		
					7/8/66	C	115658-0 ADDED		
					5/17/66	B	USAGE REVISED		
					5/17/66	A	USAGE REVISED		
					3/23/67	G	WRS 115658		
					1/17/67	F	WRS 393270-SC		

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK

TITLE	DATE	DR	CK
CHART-WRENCH TORQUE (TRANS)	MAR. 8, 1966	C. GORDON	
FIRST USED	1967		
CHECKED	W. L. VE. 33		
APPR.			
DR.			
CK.			
APPR.			

OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
	0	1.09
SERIES	PART NO.	
A	396749	

OLDSMOBILE DIVISION **GENERAL MOTORS CORPORATION**
LANSING 1 MICHIGAN

PART NO.	DESCRIPTION	MATERIAL	ASSEMBLY LINE INSTALLATION TORQUE	APPLICATION	AUDIT TORQUE ON COMPLETED CARS
9418921-8	3/8-16 X .875	GM 280-M	20-30 LB. FT.	LEVER & BRACKET ASSY. TO SUPT. & TRANS. (SM-HD) FLOOR SHIFT (VB) (4000 EXC. 3405, 65) (3600 EXC. 3659)	
838653-8	3/8-16 X 1.00	GM 280-M	14-17 LB. FT.	CLUTCH COVER ASSY. TO FLYWHEEL (SM) (VB) (LA REF.)	
3828782-8	3/8-16 X 1 1/4	GM 280-M	20-30 LB. FT.	CLUTCH HOUSING ASSY. TO CYL. BLOCK (SM) (LA REF.)	
179842-8	3/8-16 X 1 3/8	GM 280-M	20-30 LB. FT.	FLYWHEEL HOUSING TO CYL. BLOCK (SM) (VB)	
① 179842-8	3/8-16 X 1 3/8	GM 280-M	30-45 LB. FT.	TRANS. TO CYL. BLOCK (UT) (VA, LA)	
179842-8	3/8-16 X 1 3/8	GM 280-M	20-30 LB. FT.	BRKT. OIL FILLER PIPE TO TRANS. (UT) (LA)	
9418931-N	3/8-16	GM 286-M	16-26 LB. FT.	BALL STUD TO EQUALIZER BRKT. (SM) (VA, LA)	
9418931-N	3/8-16	GM 286-M	16-26 LB. FT.	SHIFT ASSY TO SUPT. & TRANS. (FS) (VB)	
9418931-N	3/8-16	GM 286-M	16-26 LB. FT.	OUTER SHIFT LEVER TO TRANSMISSION (UT) (VA, LA) (THAW) (VB EXC. 095)	
9418931-N	3/8-16	GM 286-M	16-26 LB. FT.	OUTER SHIFT LEVER TO TRANSMISSION (UT, THAW) (VB WITH 095)	
9418931-N	3/8-16	GM 286-M	16-26 LB. FT.	COVER TO TRANS. (UT) (LA)	
9418931-N	3/8-16	GM 286-M	16-26 LB. FT.	CLUTCH FORK ADJUSTING ROD TO EQUALIZER (SM) (VB)	
124829-N	3/8-16	GM 286-M	16-26 LB. FT.	CLUTCH FORK ADJUSTING ROD TO EQUALIZER (SM) (VA, LA)	
② 9418931-N	3/8-16	GM 286-M	16-26 LB. FT.	PIN TO OUTER SHIFT LEVER.	
385186-N	3/8-24	GM 286-M	30-40 LB. FT.	BEARING RETAINER & BRAKE ASSY TO AXLE	
9420821-N	3/8-24	GM 286-M	120-180 LB. IN.	SHIFT LEVERS TO TRANS. (SM-HD) (VB)	
392966-N	3/8-24	LEADLOY 375	35-40 LB. IN.	SHIFT KNOB TO SHIFT LEVER (SM FLOOR SHIFT) (FS) (VB)	
395796-KNOB	3/8-24	PLASTIC	35-40 LB. IN.	KNOB SHIFT LEVER (4007, 66) (4000 EXC. 3659) (4000 EXC. 3659, 66) (SM-HD FLOOR SHIFT) (VB) (FS WITH 095) (VB)	
395967-KNOB	3/8-24	PLASTIC	35-40 LB. IN.	KNOB SHIFT LEVER (FS EXC. 095) (VB)	
179844-8	7/16-14 X 1 3/4	GM 280-M	35-45 LB. FT.	TRANS. TO FLYWHEEL HOUSING (4000 EXC. 3405) (4000 EXC. 3659) (4000 EXC. 3659, 66) (SM-HD FLOOR SHIFT) (VB)	
1194135-8	7/16-14 X 2 1/4	SAE 01041	60-75 LB. FT.	DIFFERENTIAL CARRIER BEARING CAP	60-75 LB. FT.
9422299-N	7/16-14	GM 301-M	③ 20-30 LB. FT.	CLUTCH PEDAL ARM ASSY TO PEDAL SUPPORT BRACKET (SM) (VA, LA)	
9418897-N	7/16-14	GM 286-M	25-35 LB. FT.	LEVER & BRKT. ASSY TO SUPT. & TRANS. (SM-HD FLOOR SHIFT) (VB)	
9418897-N	7/16-14	④ GM 286-M	25-35 LB. FT.	SHIFT ASSY TO SUPT. & TRANS. (FS) (VB)	
1333319-8	7/16-20 X 5/8	SAE 64037	50-65 LB. FT.	FLYWHEEL TO CRANKSHAFT (UT) (VB)	
1161920-8 (OPT)	7/16-20 X 5/8	GM 280-M	50-65 LB. FT.	FLYWHEEL TO CRANKSHAFT (UT) (VB)	
3727207-8	7/16-20 X .70	GM 290-M	60-70 LB. FT.	FLYWHEEL TO CRANKSHAFT (UT) (VA) (REF.)	
558805-8	7/16-20 X .92	SAE 01335	85-95 LB. FT.	FLYWHEEL TO CRANKSHAFT (SM) (VB)	
839756-8	7/16-20 X .97	GM 290-M	60-70 LB. FT.	FLYWHEEL TO CRANKSHAFT (SM) (VA) (REF.)	
399754-8	7/16-20 X 1.00	GM 300-M	⑤ 75-85 LB. FT.	RING GEAR TO DIFFERENTIAL CASE	
3841897-N	7/16-20	GM 286-M	132-180 LB. IN.	SHIFT RODS TO TRANS. LEVERS (FS) (VB)	⑥ 75-85 LB. FT.
100161-8	1/2-13 X 1 3/4	⑦ GM 260-M	45-60 LB. FT.	TRANS. TO FLYWHEEL HOUSING (SM) (VA, LA) (FS) (VB)	
3816341-STUD	1/2-13	HR STEEL OR AISI FC-106	25-30 LB. FT.	BALL STUD (EQUALIZER) TO ENGINE (SM, SM-HD FLOOR SHIFT, FS) (VA, LA)	
9776585-PLUG (OPT)	1/2-14 TAPER PIPE THREAD	SAE 65210 MALLEABLE IRON OR 61010 (SM-26-2C) STEEL	120-180 LB. IN.	TRANS. DRAIN PLUG (SM-HD) (VB)	
9776586-PLUG (OPT)	1/2-14 TAPER PIPE THREAD	SAE 65210 MALLEABLE IRON OR 61010 (SM-26-2C) STEEL	120-180 LB. IN.	TRANS. DRAIN PLUG (SM-HD) (VB)	

7066		MATERIAL ADVISED		TITLE		CHART - WRENCH TORQUE (TRANS)	
6-13-66	D	WAS 30-40 LB. FT.	KL	DATE	MAR. 8, 1966	FIRST USED	1967
6-13-66	C	9418931-N ADDED	KL	DR BY	C. GORDON	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION
5-17-66	B	USAGE REVERSED	KL	CHECKED	W. L. WEISS	0	PAGE
5-17-66	A	9418931-N ADDED	KL	APPR.		110	
3-4-67	G	WAS 35-45 LB. FT.	KL	SERIES	A	PART NO.	706710
10-26-66	F	WAS 85-95 LB. FT.	KL				

DESCRIPTION	ASSEMBLY LINE INSTALLATION TORQUE	APPLICATION
	5 - 7 LB. FT.	OIL BLEED LINE TO P. O. A.
	5 - 7 LB. FT.	EQUALIZER LINE TO P. O. A.
	11 - 15 LB. FT.	LIQUID LINE TO RECEIVER
	11 - 15 LB. FT.	RECEIVER TO EXPANSION VALVE
	15 - 20 LB. FT.	DISCHARGE HOSE TO CONDENSER
	20 - 33 LB. FT.	SUCTION HOSE TO P. O. A. VALVE
	20 - 33 LB. FT.	P. O. A. VALVE TO EVAPORATOR
	20 - 25 LB. FT.	ATTACHING BOLT ON COMPRESSOR FOR SUCTION AND DISCHARGE HOSE ASSEMBLIES

SHEET 2

										TITLE CHART - WRENCH TORQUE (BODY)		FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 0		PAGE 1.14	
										DATE JUNE 29, 1966		DR. BY BARRY E. FROST		CHECKED DON MALKIN		APPR. E.E. Malinski		PART NO. 397518	
										DATE		SYM		REVISION		DATE		SYM	
										DATE		SYM		REVISION		DATE		SYM	

10-66 A APPLICATION REM

OLDSMOBILE DIVISION GENERAL OFFICE CORPORATION
LANSING - MICHIGAN

TRANSMISSION TYPE	AXLE RATIO	REAR TIRES				SPEEDO DRIVE GEAR				SPEEDO DRIVEN GEAR				DESIRED RATIO		DRIVE RATIO	% ERROR									
		SIZE	Ø		MPH		PART NO.	TEETH	TEETH	SLEEVE ASSY PART NO.	PART NO.	COLOR	ADAPTER RATIO	Ø MPH	Ø MPH		Ø MPH	Ø MPH								
			Ø MPH	Ø MPH	Ø MPH	Ø MPH																				
3 SPEED FULLY SYNCHRONIZED	FACTORY INSTALLED	2.78	6.95-14	ØØL 6	ØØL 7	38.39	38.07	3708144 (28 PITCH)	8	18	3860341	BROWN	NONE	2.305	2.288	2.250	+ 2.37	+ 1.51								
			7.35-14	ØØL 2	ØØL 6	37.26	36.95												20	3860343	BLUE	1.125	2.256	2.2171	+ .68	- .22
			7.75-14, 7.75-15	ØØL 6	ØØL 1	36.48	36.10												19	3860342	NATURAL	1.125	2.1838	2.1688	+ 3.46	+ 2.99
		3.08	6.95-14	ØØL 6	ØØL 7	42.56	42.18	3860343	-	20	-	3860343	BLUE	NONE	2.388	2.386	2.388	+ 2.08	+ 1.22							
			7.35-14	ØØL 2	ØØL 6	40.98	40.66													20	-	-	-	2.379	2.379	+ 4.29
	3.23	6.95-14	ØØL 6	ØØL 7	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
		7.35-14	ØØL 2	ØØL 6															2.4539	2.4298	+ 1.95	+ 1.10				
	7.75-14	ØØL 6	ØØL 1	2.5760	2.5880	+ 3.00	+ 3.04																			
		7.75-15	ØØL 3	2.5164	2.5880	+ 1.49	+ .65																			
	3.42	7.35-14	ØØL 2	ØØL 6	2.4564	2.3798	+ 4.34	+ 3.42																		
7.75-14		ØØL 6	ØØL 1	2.4954	2.3798	+ 2.52	+ 2.52																			
7.75-15	ØØL 2	ØØL 6	2.7276	2.7488	+ .19	- .63																				
	ØØL 6	ØØL 1	2.6645	2.6298	+ 2.34	+ 1.50																				
3.91	7.35-14	ØØL 2	ØØL 6	2.5780	2.6888	- .84	- .84																			
	7.75-14	ØØL 6	ØØL 1	3.1184	3.0876	+ 1.03	+ .99																			
7.75-15	ØØL 6	ØØL 1	3.0462	3.0540	+ 1.23	+ .40																				
	ØØL 6	ØØL 1	2.9481	2.9298	+ 1.23	+ .79																				
DEALER INSTALLED	4.11	7.35-14	ØØL 2	ØØL 6	51.65	9777250 M	19	3860342	NATURAL	.7692	3.2779	3.2501	+ 1.49	+ .85												
		7.75-14	ØØL 6	ØØL 1	3.2888	3.0876	+ 4.54	+ 3.70																		
7.75-15	ØØL 6	ØØL 1	3.0790	3.0376	+ 4.54	+ .36																				
4.33	7.35-14	ØØL 2	ØØL 6	38.88	57.56	3708144	8	21	3860344	RED	.7692	3.4821	3.4533	+ 2.03	+ 1.19											
	7.75-14	ØØL 6	ØØL 1	36.49	36.22	9777250 M	8	20	3860343	BLUE	.7692	3.4015	3.3735	3.2501	+ 4.65	+ 3.79										
7.75-15	ØØL 6	ØØL 1	34.48	34.48	20												3860345	BLUE	.7692	3.2646	3.2501	+ .45	+ .45			

CANCEL
THIS INFORMATION NOW SHOWN ON PAGE 1.10 SECTION 7.

Ø REVOLUTIONS PER MILE USING CURB WEIGHT + DRIVER & ONE PASSENGER WITH RECOMMENDED TIRE PRESSURE.
 .7692 - ADAPTER 535615 (YELLOW)
 1.125 - ADAPTER 548674 (NO COLOR)
 .8853 - ADAPTER 535617 (BLUE)
 ØØ 9777250 WITH M-13 & M-14 TRANSMISSION

TITLE: CHART - SPEEDOMETER GEAR											
DATE: MAY 10, 1966					PART YEAR: 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION: 0		PAGE: 1.16
BY: DON MALKIN					CHECKED: J. N. WILSON		APP: P. C. STENMILL		SERIES: A		PART NO: 397582
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM

TRANSMISSION TYPE	AXLE RATIO	REAR TIRES				SPEEDO DRIVE GEAR				ADAPTER RATIO	DESIRED RATIO		DRIVE RATIO	% ERROR					
		SIZE	RPM		RPM		PART NO.	TEETH	TEETH		SLEEVE ASSY PART NO.	PART NO.		COLOR	#	45 MPH	60 MPH	45 MPH	60 MPH
			45 MPH	60 MPH	45 MPH	60 MPH													
4 SPEED FULLY SYNCHRONIZED (STANDARD RATIO) M-20 (CLOSE RATIO) M-21	FACTORY INSTALLED	3.08 7.35-14 7.75-14 7.75-15	804.2	797.6	41.28	40.94	3708145 (30 PITCH)	8	22		3060345 3060345 3060345	GREEN GREEN GREEN	1.132 1.132 1.132	2.464	2.464	2.429	+ 1.95	+ 1.11	
			785.6	779.1	40.33	39.99								2.495	2.396	2.429	- .40	- 1.22	
			767.3	754.0		38.70								2.325	2.429	2.429	- 4.40	- 4.40	
	DEALER INSTALLED	4.11 7.35-14 7.75-14 7.75-15	804.2	797.6															
			785.6	779.1															
			767.3	754.0															
DEALER INSTALLED	4.33 7.35-14 7.75-14 7.75-15	804.2	797.6	54.09	54.22	3708145	8	25		3060347 3060346 3060345	YELLOW BLACK GREEN	.866 .866 .866	3.488	3.483	3.462	+ .51	- .31		
		785.6	779.1	54.22	54.41								3.485	3.375	3.319	+ 2.45	+ 1.61		
		767.3	754.0											3.264	3.175	3.175	+ 2.81	+ 2.81	

CANCEL

THIS INFORMATION NOW SHOWN ON PAGE 111 SECTION 7

⊕ USE RIGHT ANGLE SPEEDOMETER DRIVE ADAPTERS ONLY.

⊙ REVOLUTIONS PER MILE USING CURB WEIGHT + DRIVER & ONE PASSENGER WITH RECOMMENDED TIRE PRESSURE.

1.132 ADAPTER 395451 (NO COLOR)
.866 ADAPTER 395450 (BLUE)

TITLE: CHART - SPEEDOMETER GEAR										
DATE: MAY 5 1966					PRINTED: 1967		GENERAL MOTORS CORPORATION		PAGE: 1.17	
DR. BY: DON MALKIN					CHECKED: R.C. STEWART		APPROVED: R.C. STEWART		PART NO.: 397582	
DATE	SYM	REVISION	DR. CL.	DATE	SYM	REVISION	DR. CL.	DATE	SYM	REVISION

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

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TRANSMISSION TYPE	AXLE RATIO	REAR TIRES				NV				SPEEDO DRIVEN GEAR				DESIRED RATIO		% ERROR		
		SIZE	Ø		Ø		SPEEDO DRIVE GEAR		TEETH	SLEEVE ASSY PART NO.	PART NO.	COLOR	ADAPTER RATIO	45 MPH	60 MPH	DRIVE RATIO	45 MPH	60 MPH
			45 MPH	60 MPH	45 MPH	60 MPH	PART NO.	TEETH										
6 & 8 CYLINDER JETAWAY TRANSMISSION	2.78	6.95-14	Ø21.6	Ø21.6	38.39	38.07	1359239 (28 PITCH)	17	38	396793	1359272	BLUE	NONE	2.2835	2.2842	2.2552	+ 3.85	+ 2.18
		7.35-14	Ø24.2	Ø21.5	37.26	36.95			37	396793	1359271	RED	NONE	2.2366	2.2171	2.1764	+ 2.72	+ 1.87
		7.75-14	Ø25.6	Ø21.1	36.40	36.10			36	396793	1359270	WHITE	NONE	2.1838	2.1658	2.1176	+ 3.12	+ 2.27
	3.08	6.95-14	Ø21.6	Ø21.6	42.36	42.18	1359239	17	43	396794	1362196	PURPLE	NONE	2.5521	2.5306	2.5299	+ .87	+ .82
		7.35-14	Ø24.2	Ø21.5	42.28	42.94			41	396794	1362195	YELLOW	NONE	2.4899	2.4564	2.4817	+ 2.70	+ 1.85
		7.75-14	Ø27.6	Ø21.1	39.99	39.99			40	396794	1362048	BLACK	NONE	2.4895	2.3996	2.3529	+ 2.83	+ 1.98
		8.25-14	Ø27.3	Ø20.6	39.38	39.04			39	396793	1359273	BROWN	NONE	2.3832	2.3423	2.2940	+ 3.01	+ 2.10
3.23	6.95-14	Ø21.6	Ø21.6										2.6889	2.5832	2.5832	+ 3.60	+ 2.73	
	7.35-14	Ø24.2	Ø21.5										2.5980	2.5294	2.5294	+ 2.69	+ 1.84	
3.42	7.35-14	Ø24.2	Ø21.5										2.5164	2.4705	2.4705	+ 2.70	+ 1.85	
	7.75-14	Ø25.6	Ø21.1										2.4564	2.4817	2.4817	+ 2.76	+ 1.85	
	7.75-15	Ø25.6	Ø21.0										2.4354	2.4817	2.4817		+ .98	
3.91	7.35-14	Ø24.2	Ø21.5										2.7276	2.7192	2.7192	+ 1.34	+ .31	
	7.75-14	Ø25.6	Ø21.1										2.6645	2.6512	2.6512	+ 1.33	+ .50	
4.11	7.35-14	Ø24.2	Ø21.5										2.5786	2.5832	2.5832		+ .17	
	7.75-15	Ø25.6	Ø21.0										3.1184	3.0589	3.0589	+ 2.79	+ 1.94	
4.33	7.35-14	Ø24.2	Ø21.5										3.0462	2.9824	2.9824	+ 2.98	+ 2.13	
	7.75-15	Ø25.6	Ø21.0										2.9480	2.9056	2.9056		+ 1.45	
DEALER INSTALLED	4.11	7.35-14	Ø24.2	Ø21.5									3.2799	3.2118	3.2118	+ 2.90	+ 2.12	
		7.75-14	Ø25.6	Ø21.1										3.2880	3.1353	3.1353	2.97	+ 2.13
FACTORY INSTALLED	4.33	7.35-14	Ø24.2	Ø21.5	36.69	36.22	1359239	17	43	396794	1362196	PURPLE	.7692	3.4885	3.3735	3.2884	+ 3.43	+ 2.58
		7.75-15	Ø25.6	Ø21.0	34.41	34.41			42	396794	1362049	GREEN	.7692	3.2646	3.2118	3.2118		+ 1.64

CANCEL
THIS INFORMATION NOW SHOWN ON PAGE 1, 12 SECTION 7

Ø REVOLUTION PER MILE USING CURB WEIGHT + DRIVER & ONE PASSENGER WITH RECOMMENDED TIRE PRESSURE.
.7692 ADAPTER 535615 (YELLOW)
.8653 ADAPTER 535617 (BLUE)

SHEET 3

TITLE CHART - SPEEDOMETER GEAR												
DATE MAY 10, 1966					FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 0		PAGE 1.18	
DR. BY K. LOVELL					CHECKED J. N. FAYES		APPR. R. C. STEPHEN		SERIES A		PART NO. 397582	
DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	DATE	BY	REVISION

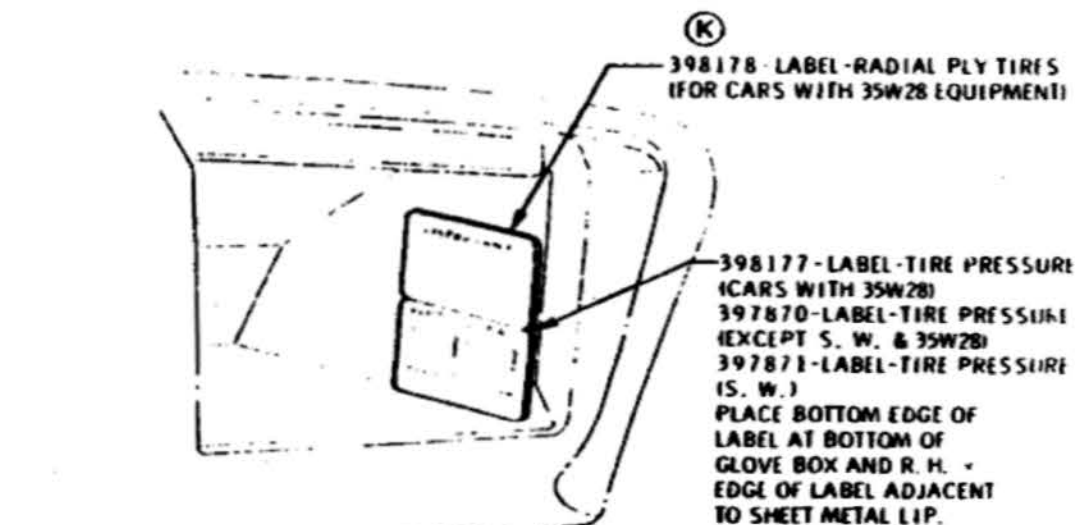
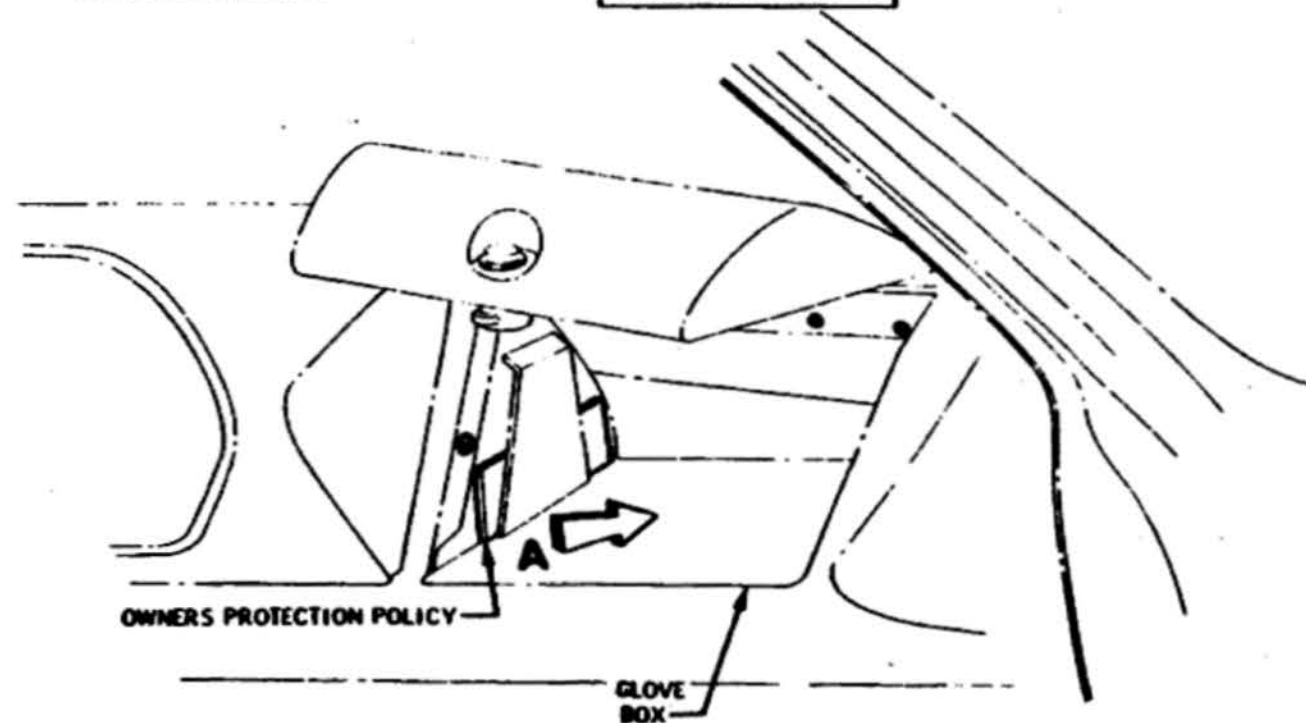
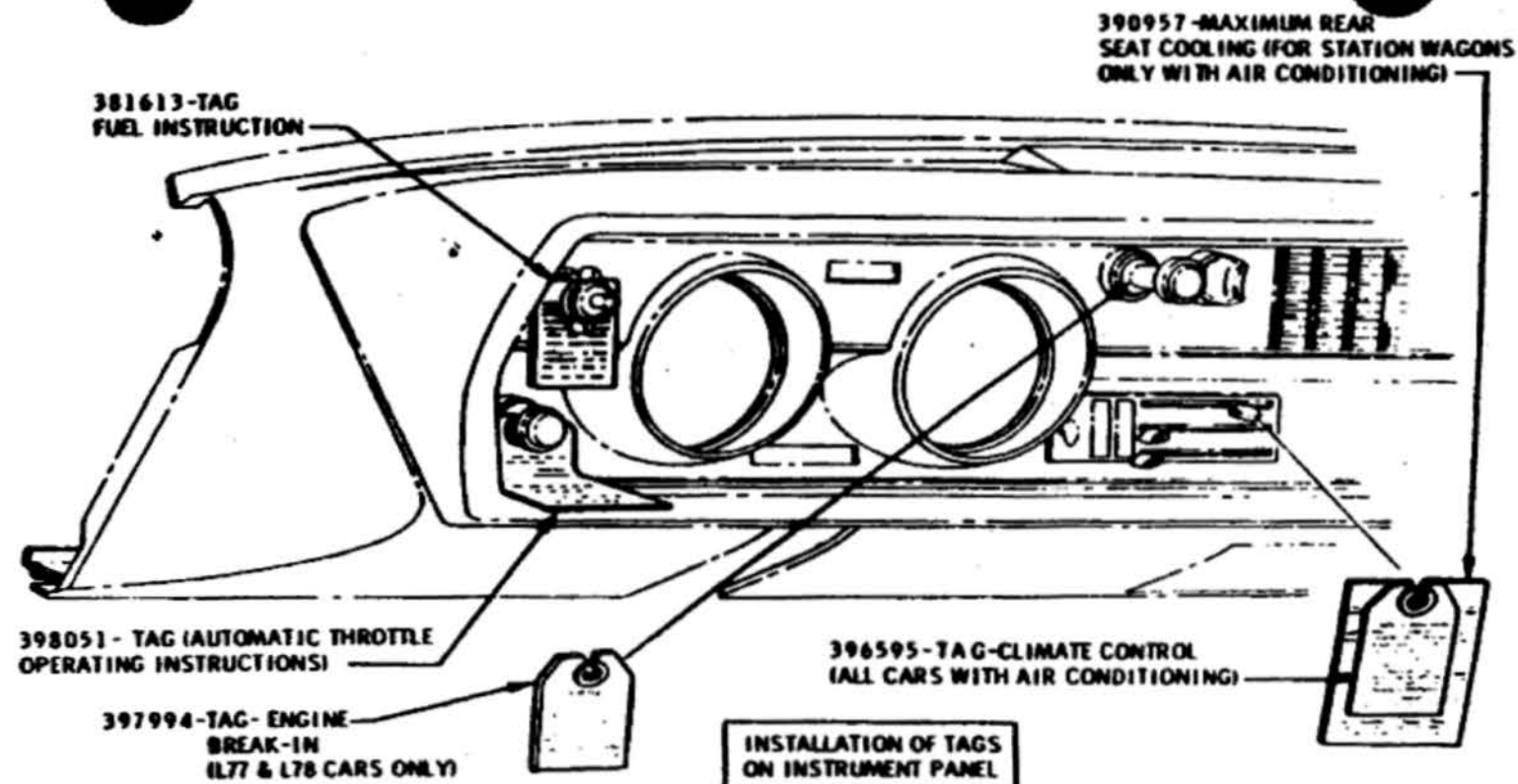
OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

TRANSMISSION TYPE	AXLE RATIO	REAR TIRES				MPV				SPEEDO DRIVEN GEAR				ADAPTER RATIO	DESIRED RATIO		DRIVE RATIO	% ERROR																
		SIZE	Ø		45 MPH	60 MPH	PART NO.	TEETH	TEETH	SLEEVE ASSY PART NO.	PART NO.	COLOR	45 MPH		60 MPH	45 MPH		60 MPH																
			45 MPH	60 MPH																														
8 CYLINDER 3 SPEED AUTOMATIC (M40)	FACTORY INSTALLED	2.78	6.95-14	828.6	821.6	38.39	38.87	1359299 (2B PITCH)	17	38	1362294	1359272	BLUE	NONE	2.3835	2.2848	2.2562	+ 3.85	+ 2.38															
			7.35-14	884.2	797.5	37.26	36.95								37	1362294		1359271	RED	2.2956	2.2171	2.1764	+ 2.72	+ 1.87										
			7.75-14	785.6	779.1	36.40	36.10								36	1362294		1359270	WHITE	2.1808	2.1608	2.1176	+ 3.12	+ 2.27										
			7.75-15		754.0	34.94									36	1362294		1359270	WHITE		2.0864	2.1176		- 1.88										
	DEALER INSTALLED	3.08	6.95-14	828.6	821.6	42.56	42.18	1359299	17	43	1362295	1362196	PURPLE	NONE	NONE	2.5521	2.5386	2.5299	+ .87	+ .82														
																7.35-14	884.2		797.5	41.28	40.94	41	1362295	1362195	YELLOW	2.4989	2.4544	2.4817	+ 2.70	+ 1.85				
																7.75-14	787.6		779.1	40.30	39.99	40	1362295	1362048	BLACK	2.4895	2.5096	2.3029	+ 2.83	+ 1.98				
																8.25-14	767.3		760.6	38.38	38.04	39	1362294	1359273	BROWN	2.3632	2.3188	2.2941	+ 3.08	+ 2.30				
																7.75-15			754.0															
DEALER INSTALLED	3.25	6.95-14	828.6	821.6											2.6799	2.5832	2.5832	+ 3.68	+ 2.73															
															7.35-14	884.2		797.6																
															7.75-14	785.4		779.1																
															8.25-14	767.3		760.6																
															7.75-15			754.0																
DEALER INSTALLED	3.42	7.35-14	884.2	797.6											2.7276	2.7192	2.7192	+ 1.14	+ .31															
															7.75-14	785.6		779.1																
															7.75-15			754.0																
DEALER INSTALLED	3.91	7.35-14	884.2	797.6											3.1184	3.0589	3.0589	+ 2.79	+ 1.94															
															7.75-14	785.6		779.1																
															7.75-15			754.0																
DEALER INSTALLED	4.11	7.35-14	884.2	797.6										3.2799	3.2118	3.2118	+ 2.90	+ 2.12																
														7.75-14	785.6		779.1																	
DEALER INSTALLED	4.33	7.75-14	785.6	779.1	56.09	56.22	1359299	17	43	1362295	1362196	PURPLE	.7692	.7692	3.4885	3.3735	3.3884	+ 3.43	+ 2.58															
															7.75-15			754.0	54.41															

CANCEL
 THIS INFORMATION
 NOW SHOWN ON PAGE
 1.13 SECTION 7.

Ø REVOLUTIONS PER MILE USING CURB WEIGHT + DRIVER & ONE PASSENGER WITH RECOMMENDED TIRE PRESSURE. .7692 - ADAPTER 538615 (YELLOW) .8653 - ADAPTER 535617 (BLUE)

TITLE CHART - SPEEDOMETER GEAR												
DATE MAY 11, 1966					PART NO. 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 0		PAGE 1.19	
DR. BY R. LOVELL					CHECKED J. N. FAY'S		BY E. C. STENPEL		PART NO. 397582		REVISION A	
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION



DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
					7-15-66	E	VIEW A ADDED													
					7-15-66	D	WAS 396126 TAG													
					6-21-66	C	CHART REVISED													
					5-2-66	B	1392057 BOOKLET ADDED													
					5-2-66	A	WAS 398679 LABEL													
					7-15-66	F	397994 TAG ADDED													
10-5-66	L	CHART REMOVED																		
LABELS, TAGS & LOOSE PARTS																				
DATE MAR. 11, 1966 DR. BY JV BEACHNALL																				
FIRST USED 1967 CHECKED [Signature]																				
SERIES A PART NO. 394435																				

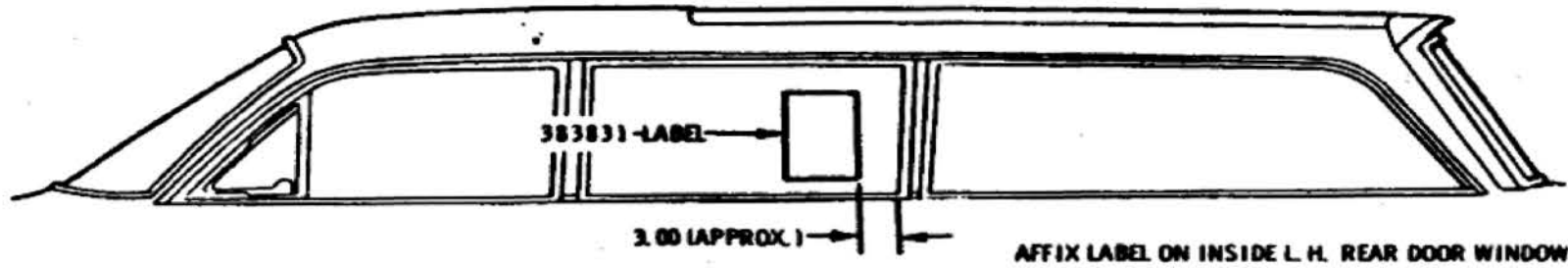
MATERIALS TO BE PLACED IN GLOVE BOX IF APPLICABLE		
PART NO.	DISCRIPTION	GROUP
396514	OWNERS OPERATION MANUAL EXC. VISTA-CRUISER S.W.	"U"
396515	OWNERS OPERATION MANUAL VISTA-CRUISER S.W.	"U"
396513 (2)	OWNER PROTECTION POLICY BOOK	"U"
396516	CHECK SHEET-PRE-DELIVERY (2 REQ'D)	"U"
7032854 (1)	KEY-DOOR & IGNITION & S.W. REAR WINDOW	1A1
7032856(1)	KEY-GLOVEBOX & TRUNK & CONSOLE	1A1
4228124	POWER FOLDING TOP GUIDE BOOK (CONVERTIBLES)	"U"
389388	LICENSE PLATES PARTS PACKAGE	14C
397931	VALVE EXTENSION PACKAGE (WHEEL DISCS)	35P01-P02
397932	VALVE EXTENSION PACKAGE (WHEEL WIRE COVERS)	35N95
1382037	EXHAUST EMISSION BOOKLET	35K19
3171538	SUPERLIFT - OWNERS GUIDE	35G66
3182686	SUPERLIFT - WARRANTY CARD	35G66

MATERIALS TO BE PLACED IN TRUNK, (OR BODY OF S.W.), IF APPLICABLE			
PART NUMBER	DESCRIPTION	GROUP	PACKAGING SPECIFICATION NO.
589724	ANTENNA MAST	35U63-69	
395225	HUB CAPS	108	S-954
394741	WHEEL DISCS	35P01	S-953
395450	WHEEL DISCS (DELUXE)	35P02	S-950
397181	WIRE WHEEL COVERS	35N95	S-1125
387900 TO 396079	FRONT FLOOR MATS (AUXILIARY)	35B32	
387914 TO 396085	REAR FLOOR MATS (AUXILIARY)	35B33	
394224	FRONT LICENSE PLATE SUPPORT	14C	
982621	ROOF DEFLECTOR PACKAGE	35C51	

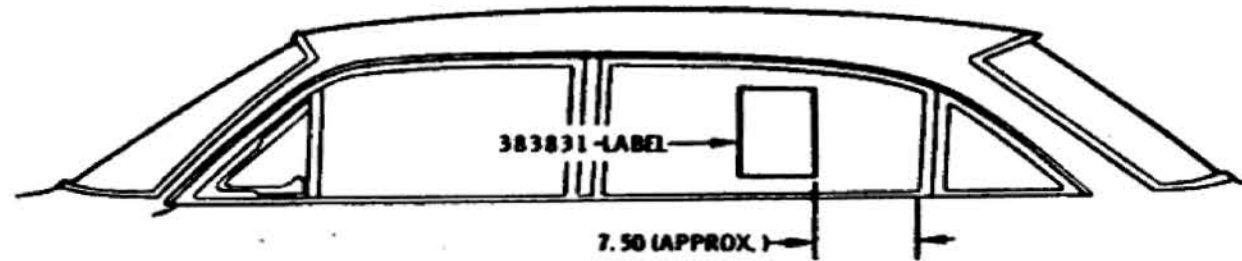
- (1) INSERT THESE ITEMS TOGETHER IN 409044 - ENVELOPE
- (2) INSERT INTO 398660 ENVELOPE AND INSTALL IN GLOVE BOX POCKET

NOTE: PACKAGE SPECIFICATIONS ARE ISSUED BY METHODS PACKAGING DEPT.

TITLE												LOOSE PARTS STORAGE							
DATE <i>OCTOBER 7, 1966</i>												FIRST USED		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE	
DR. BY <i>P. J. AKKESV</i>												1967				0		121	
CHECKED <i>PS</i>																			
APP.																			
DATE												SERIES		PART NO.		A		394435	
DATE	BY	REVISION	DR.	CK.	DATE	BY	REVISION	DR.	CK.	DATE	BY	REVISION	DR.	CK.	APP.				

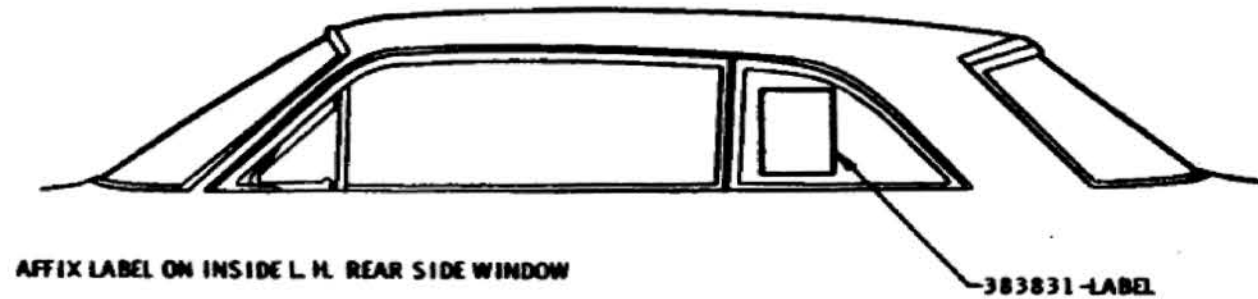


STATION WAGON MODELS

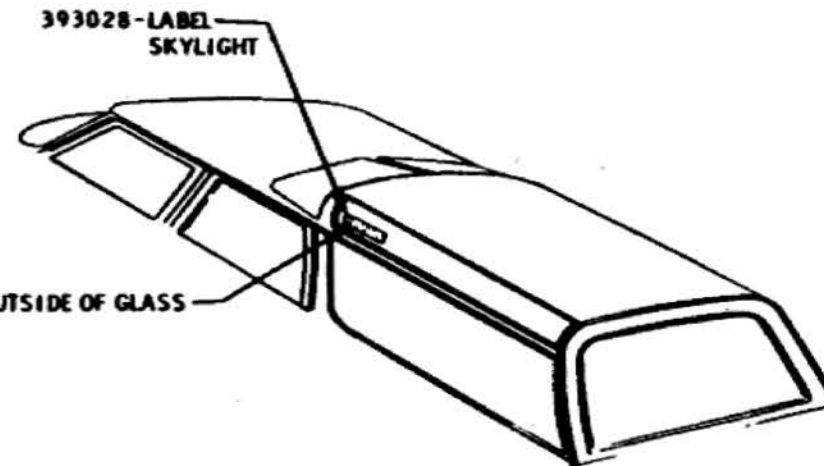


AFFIX LABEL ON INSIDE L. H. REAR DOOR WINDOW

SEDAN MODELS



TWO DOOR COUPE MODELS
& CONVERTIBLES



SKYLIGHT LABEL
FOR EXTENDED WAGONS

TYPING REQUIREMENTS:

KEELOX 41-75 (BLACK) OFFSET SILK RIBBON
(FOR TYPEWRITERS)

KEELOX 41-78 (BLACK) OFFSET SILK RIBBON
(FOR I. B. M. TYPE TABULATING MACHINES)

RIBBON MUST BE REPLACED AS SOON AS IT
STARTS TO LOSE ITS ORIGINAL DARKNESS.

IT IS ESSENTIAL THAT THE TYPING REQUIREMENTS BE
STRICTLY ADHERED TO. IF THE "KEELOX" RIBBONS
SPECIFIED ARE NOT USED, THERE IS THE POSSIBILITY
THAT THE TYPED LETTERS WILL FADE OUT WHEN SUBJECTED
TO SUNLIGHT.

METHOD OF APPLICATION:

WET LABEL, USING A POTDEVIN OR SIMILAR MACHINE
CONTAINING WATER INSTEAD OF GLUE. THE LABELS
ARE TO BE PASSED THROUGH THE MACHINE SO THAT
THE FACE (ADHESIVE) SIDE IS MOISTENED AND THE
LABEL THEN AFFIXED IN THE SPECIFIED LOCATION
ACCORDING TO BODY STYLE.

AFTER LABEL IS ATTACHED TO THE INSIDE OF THE
GLASS, A SQUEEGE SHOULD BE USED TO REMOVE ALL
AIR POCKETS.

RETAIL PRICE LABEL

REVISION												TITLE						
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	LABELS, TAGS & LOOSE PARTS						
												DATE	FEB. 23 1966	FIRST USED	1967	OLDSMOBILE PRODUCT	MANUAL SECTION	PAGE
												DR BY	C.V. BEACHNALL	1967	INFORMATION MANUAL	0	1.22	
												CHECKED	J.M.					
												APP.						
												APP.				SERIES	PART NO	
																A	394435	

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

(1) VEHICLE IDENTIFICATION NUMBER

ON EMBOSSED PLATE LOCATED ON BODY LEFT FRONT DOOR HINGE PILLAR.
ON EXPORT C. K. D. BLANK PLATE 387839 IS SHIPPED AS ORDERED BY EXPORT WITH ATTACHING RIVET 9423220.
SEE SECTION "D" CHART 396051 FOR VEHICLE PLATE COMBINATIONS AND STARTING SERIAL NUMBERS

(B)

(2) ENGINE UNIT NUMBER - (FOR MANUFACTURING AND SERVICE USE)

L6 ENGINE - THERE IS NO L6 SERIAL NUMBER. A DATE CODE IS STAMPED ON PAD ON RIGHT SIDE OF CYLINDER BLOCK TO REAR OF DISTRIBUTOR.

(A)

EXAMPLE: FD210VA
"F" WILL DESIGNATE FLINT MOTOR PLANT
THE FIRST TWO (2) DIGITS DESIGNATE THE MONTH AND THE SECOND TWO (2) DIGITS DESIGNATE THE DAY THAT THE UNIT WAS PRODUCED (0210 - FEBRUARY 10, 1965 - OCTOBER 5).
THE LAST TWO (2) LETTERS DESIGNATE THE TYPE ENGINE.

- | | |
|--|--|
| VA - 3 OR 4 SPEED SMT | VE - AUTOMATIC TRANS. |
| VB - 3 OR 4 SPEED SMT W/C60 OR Y76 | VF - AUTOMATIC TRANS. W/C60 OR Y76 |
| VD - 3 OR 4 SPEED SMT W/C60 OR Y76 & K20 | VH - AUTOMATIC TRANS. W/C60 OR Y76 & K19 & K20 |
| VC - 3 OR 4 SPEED SMT W/K20 | VG - AUTOMATIC TRANS. W/K19 & K20 |
| VJ - 3 OR 4 SPEED SMT EXPORT | VJ - AUTOMATIC TRANS. EXPORT |

(B)

V-8 ENGINE - UNIT NUMBER IS STAMPED ON MACHINED PAD ON THE FRONT OF THE R. H. CYLINDER HEAD (SEE SECTION "6" CHART 397290)

(3) TRANSMISSION SERIAL NUMBER:

DEPENDING ON TYPE OF 3 SPEED OR 4 SPEED MANUAL TRANSMISSION, THE DATE CODE OR SERIAL NUMBER WILL BE AS FOLLOWS:

TYPE

STANDARD SMT: - STAMPED ON REAR FACE OF CASE ON R. H. SIDE.
EXAMPLE: - 50503 IS - SAGINAW TRANS. PLANT; 05 - FIFTH MONTH; 03 - THIRD DAY OF MONTH
M13 & M14 TRANSMISSION - SERIAL PLATE LOCATED ON R. H. SIDE OF CASE.
EXAMPLE: - HEGAF - MODEL NO. 010001 - SERIAL NO. (CONSECUTIVELY STARTING 010001)
M20 & M21 4 SPEED: - STAMPED ON R. H. REAR CASE FLANGE AT APPROX. CENTERLINE OF MAIN SHAFT BORE.
EXAMPLE: - P0503 (P - MUNCIE TRANS. PLANT; 05 - FIFTH MONTH; 03 - THIRD DAY OF MONTH)

JETAWAY TRANSMISSION YEAR, MODEL AND DATE CODE INFORMATION IS STAMPED ON THE BAND SERVO COVER WHICH IS LOCATED ON THE R. H. SIDE OF THE TRANSMISSION. THIS INFORMATION CONSISTS OF TWO DIGITS FOR THE MODEL YEAR. TWO LETTERS FOR THE MODEL CODE AND THREE DIGITS TO INDICATE THE DAY OF PRODUCTION THAT THE TRANSMISSION WAS BUILT.

(C)

TURBO-HYDRAMATIC TRANSMISSION SERIAL NUMBER IS STAMPED ON A PLATE LOCATED ON THE RIGHT HAND SIDE OF THE CASE. STARTING SERIAL NUMBER FOR EACH TYPE TRANSMISSION IS 1001.
EXAMPLES: 670A1001, 670B1001, 670C1001, ETC.

(B)

FOR MODEL CODE AND TRANSMISSION USAGE, SEE SECTION "7" CHART 396321.

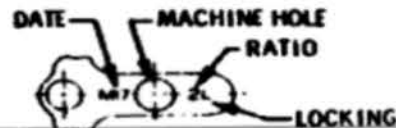
(4) REAR AXLE ASSEMBLY

DATE CODE, RATIO CODE AND SYMBOL, IF LOCKING TYPE ASSEMBLY, ARE STAMPED IN THAT ORDER ON THE CARRIER ON A MACHINED PAD ON THE REAR R. H. SIDE ADJACENT TO WHERE THE R. H. TUBE IS PRESSED INTO THE CARRIER.

- | | | | |
|------------|--------------|------------|---------------|
| DATE CODE: | A - JANUARY | E - MAY | K - SEPTEMBER |
| | B - FEBRUARY | G - JUNE | L - OCTOBER |
| | C - MARCH | H - JULY | M - NOVEMBER |
| | D - APRIL | J - AUGUST | N - DECEMBER |

THE MONTH LETTER IS FOLLOWED BY A NUMBER FOR THE DAY OF THE MONTH IN WHICH THE AXLE SUB-ASSEMBLY WAS BUILT.

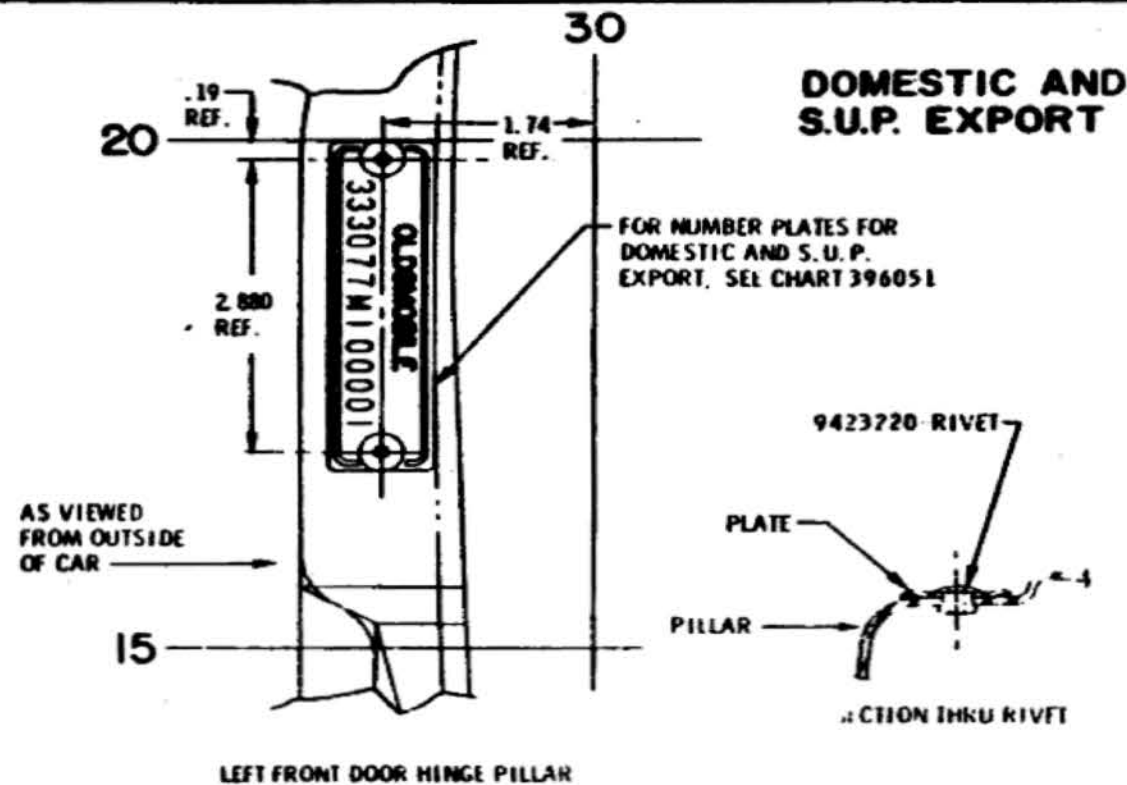
- | | | |
|-------------|----------|----------|
| RATIO CODE: | 3 - 2.41 | 2 - 3.23 |
| | 5 - 2.56 | 4 - 3.42 |
| | 7 - 2.78 | 6 - 3.64 |
| | 9 - 2.93 | 8 - 3.91 |
| | 0 - 3.08 | |



REAR AXLE IDENTIFICATION LOCATION
RIGHT REAR PAD REAR AXLE CARRIER

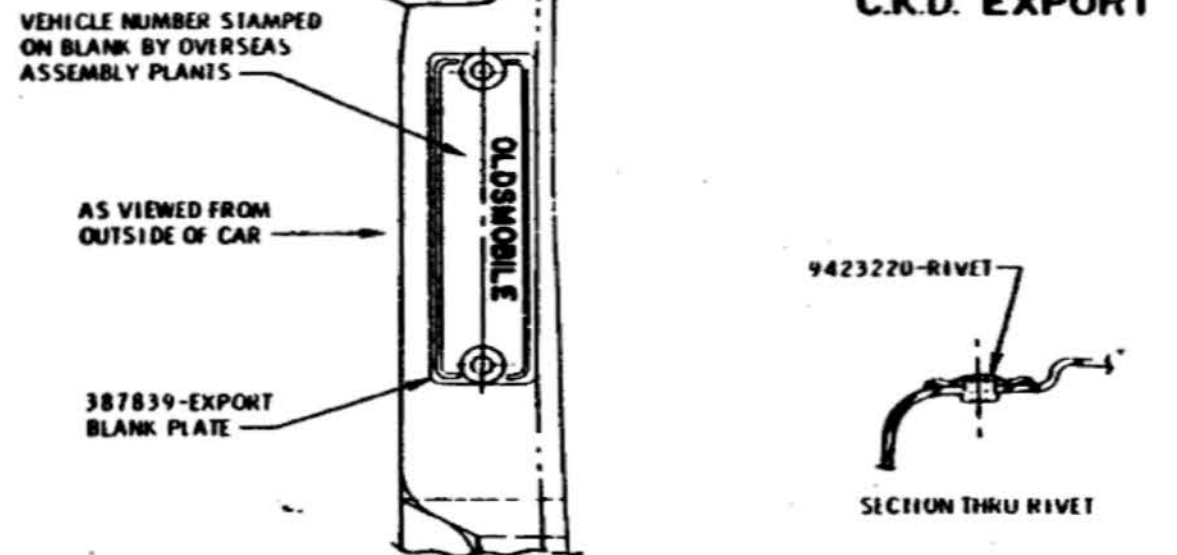
LOCKING AXLE SYMBOL - L

EXAMPLES: M17 2L WOULD BE AN AXLE SUB-ASSEMBLY BUILT NOVEMBER 17 WITH A 3.23 RATIO LOCKING TYPE
L3 4 WOULD BE AN AXLE SUB-ASSEMBLY BUILT OCTOBER 3 WITH A 3.42 RATIO STANDARD DIFFERENTIAL.



DOMESTIC AND S.U.P. EXPORT

FOR NUMBER PLATES FOR DOMESTIC AND S. U. P. EXPORT, SEE CHART 396051



C.K.D. EXPORT

(5) PROTECTIVE VEHICLE NUMBER.

THE LAST EIGHT (8) SYMBOLS OF THE VEHICLE NUMBER ARE STAMPED AT SEVERAL PLACES ON EVERY CAR. LOCATION OF THIS NUMBER MAY BE OBTAINED BY CONTACTING EITHER OF THE FOLLOWING OFFICES:

PRODUCTION MANAGER OR STANDARDS ENGINEER
LANSING, MICHIGAN

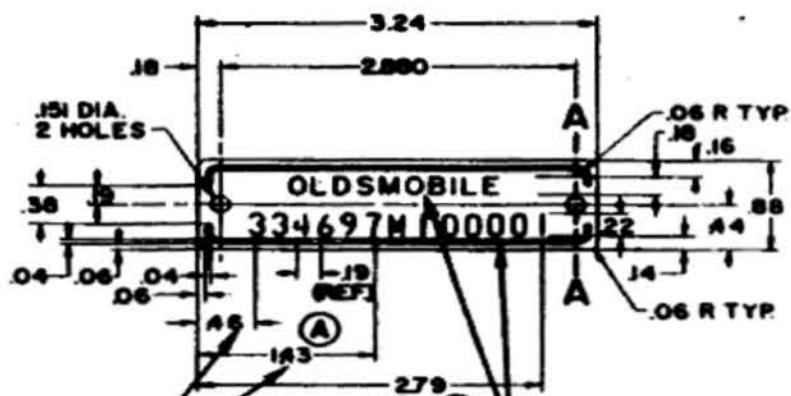
TITLE INSTALLATION-VEHICLE NUMBER PLATE

DATE W.P.C.	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	ISSUE NO.	PAGE
DR BY J. R. L...	1967		0	126
CHECKED	REF	SEND	A 394435	

NOTE REMOVED
NOTE REVISED
NOTE REVISED

PART NO.	MODEL YEAR & PLANT IDENTITY	PLANT	STARTING SERIAL NO.
387839	NONE		BLANK
396060	7M	LANSING, MICHIGAN	100001
387839	7G	FRAMINGHAM, MASS.	100001
396062	7Z	FREMONT, CALIFORNIA	100001
396063	7X	KANSAS CITY, KANSAS	100001
396064	7E	LINDEN, NEW JERSEY	100001
396065	7C	SOUTH GATE, CALIFORNIA	100001

BLANK-HAS "OLDSMOBILE" ONLY



LOCATION OF LETTER AND NUMBERS PRE-EMBOSSSED BY VENDOR

BORDER & "OLDSMOBILE" TO BE EMBOSSSED BY VENDOR

FRAMINGHAM, MASS. WILL BE FURNISHED BLANK PLATES (387839). BALANCE OF PLANTS TO BE FURNISHED PRE-EMBOSSSED PLATES.



C	NAME	SERIES	SERIES & ENGINE NO.
			(TO BE EMBOSSSED AT ASSEMBLY PLANTS AS THE SECOND & THIRD PREFIX DIGIT)
F-85	F85 L6 ENGINE	33300	33
	F85 V8 ENGINE	33400	34
	CUTLASS L6 ENGINE	33500	35
	CUTLASS V8 ENGINE	33600	36
	CUTLASS SUPREME	33800	38
	CUSTOM VISTA CRUISER	33800	38
FULL SIZE CAR	DELMONT BB "330"	35200	52
	DELTA BB CUSTOM	35400	54
	DELMONT BB "425"	35600	56
	DELTA BB SERIES	35800	58
	NINETY-EIGHT SERIES	38400	84
	NINETY-EIGHT LUXURY	38600	86
	DRIVEAWAY CHASSIS (LANSING ONLY)	39800	98

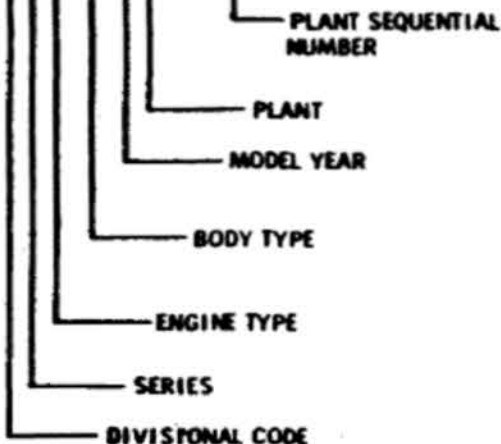
EXAMPLE: 333077C 100001 335697G 100001 384677Z 100001

EMBOSSSED BY ASSEMBLY PLANT (4 DIGITS)

352397X 10000 356677E 100001 384697M 100001

PRE-EMBOSSSED BY VENDOR AS INSTRUCTED ON PURCHASE ORDER. SERIAL NUMBER TO BE IN CONSECUTIVE ORDER FOR EACH PLANT.

BCDEKMRXZ
1234567890
SHAPE MANDATORY ON THESE LETTERS & NUMBERS

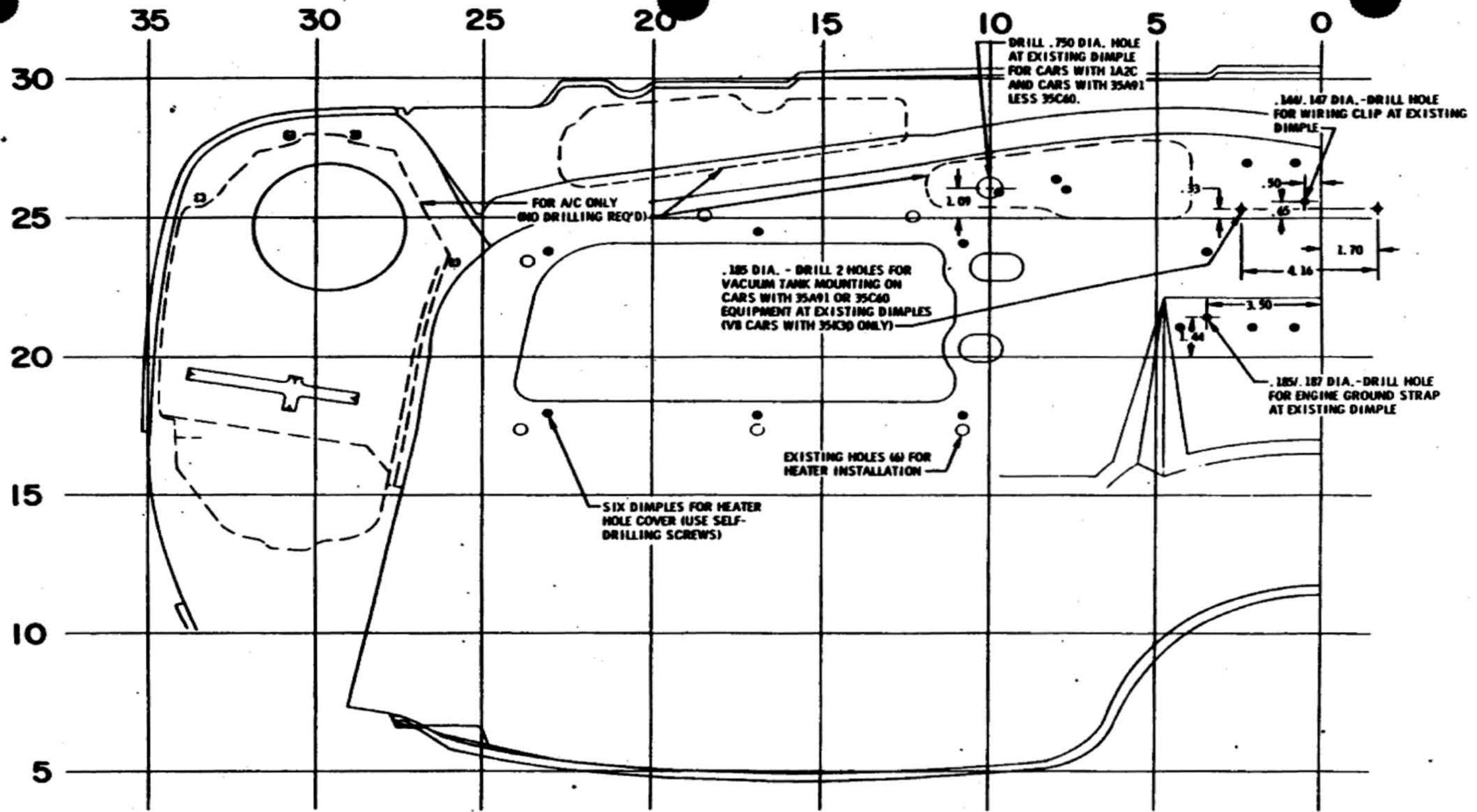


BODY TYPE	BODY CODE
CLUB COUPE	07
HARDTOP COUPE	17
STATION WAGON-2 SEAT	35
HOLIDAY SEDAN	39
STATION WAGON-2 SEAT (EXTENDED)	55
HARDTOP COUPE	57
STATION WAGON-3 SEAT (EXTENDED)	65
CONVERTIBLE	67
4 DOOR SEDAN	69
HARDTOP COUPE	87
SHORT SILL COWL	60

MATERIAL: STAINLESS STEEL - SAE #51430 .014 STOCK

PRODUCTION SAMPLE TO BE APPROVED BY PRODUCT ENGINEERING FOR OLDSMOBILE PARTS.

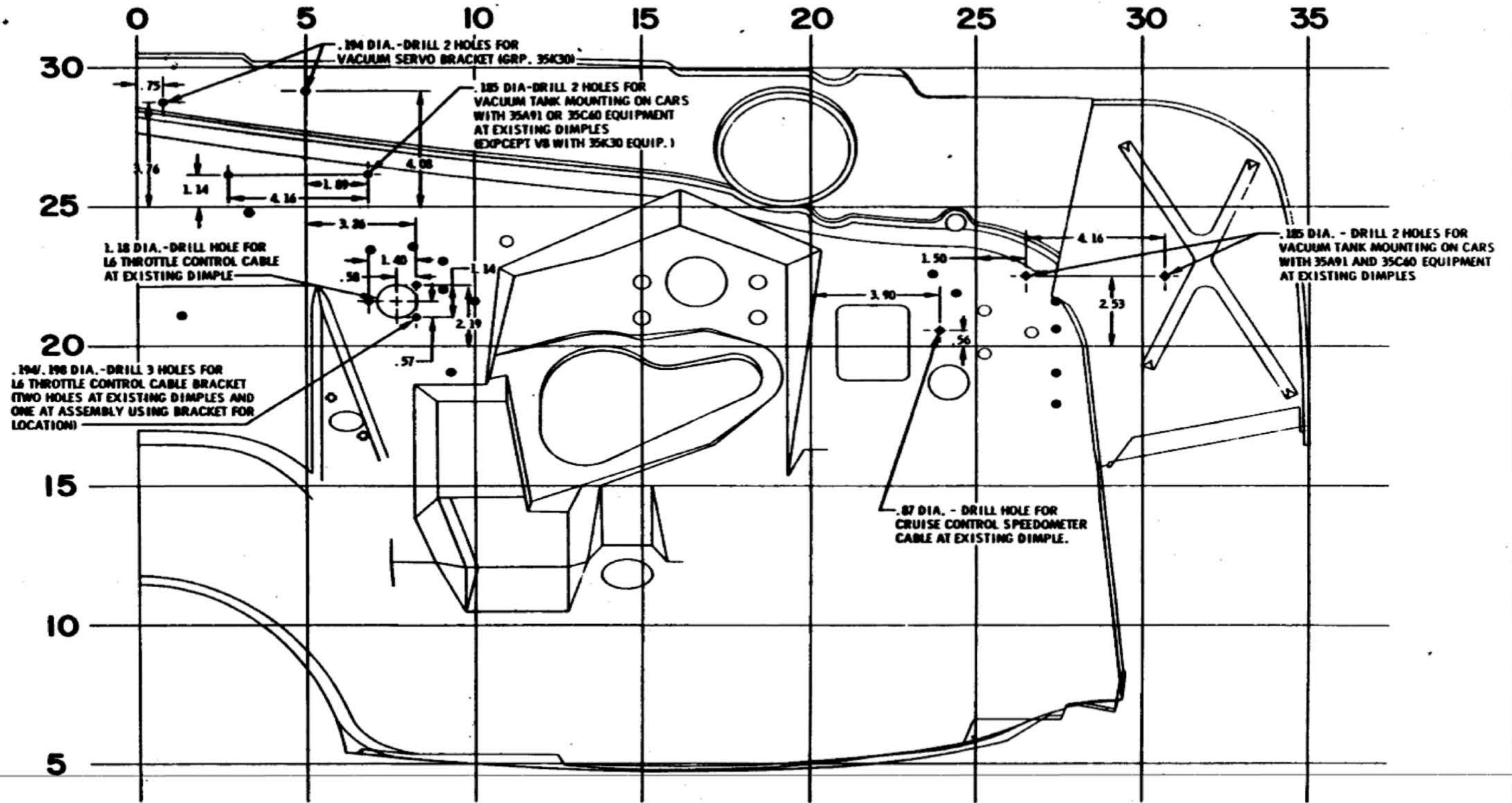
TITLE										CHART-VEHICLE IDENTIFICATION NUMBER PLATE	
DATE JAN 20, 1966										FIRST USED	
DR. BY JEFF JOHNSON										1967	
CHECKED J. N. AILES										OLDSMOBILE PRODUCT INFORMATION MANUAL	
APPR.										MANUAL SECTION	
										0	
										PAGE	
										1.27	
										SERIES	
										A-B-C	
										PART NO	
										396051	



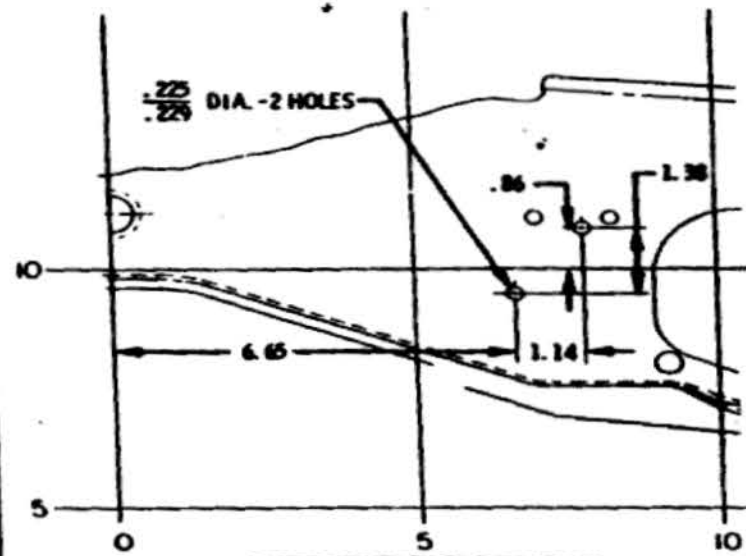
SHEET 1 OF 5

										TITLE		LAYOUT-DRILLING (DASH)			
										DATE		FIRST USED			
										MARCH 13, 1966		1967			
										DR. BY		GLASSBORO PRODUCT INFORMATION MANUAL			
										JEFF JOHNSON		0			
										CHECKED		PAGE			
										A. R. DAVIS		1.40			
										REV.		SERIES			
												A			
										PART NO.		396997			
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	APPR.

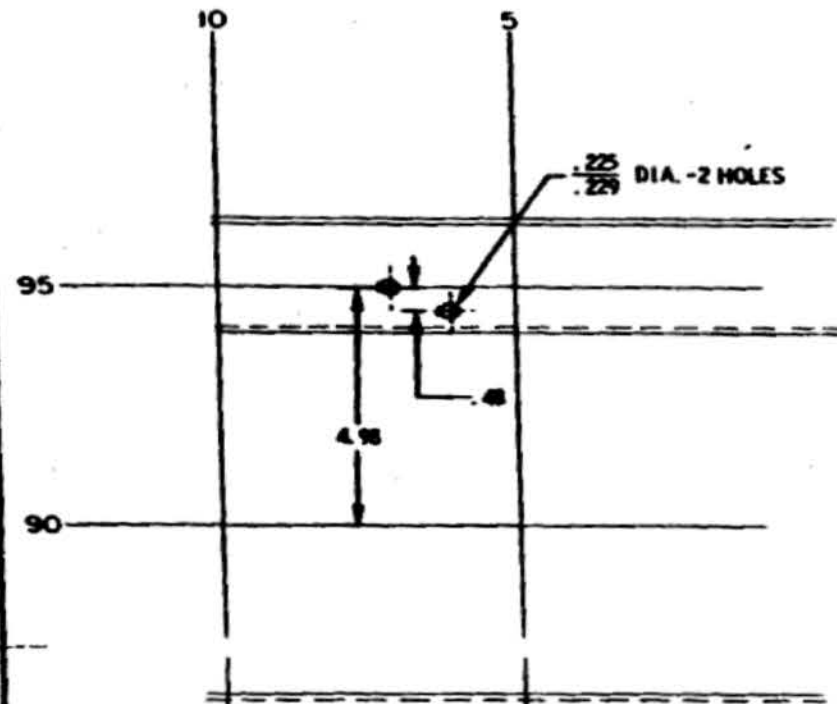
SP264 A WRS SHEET 1 OF 5



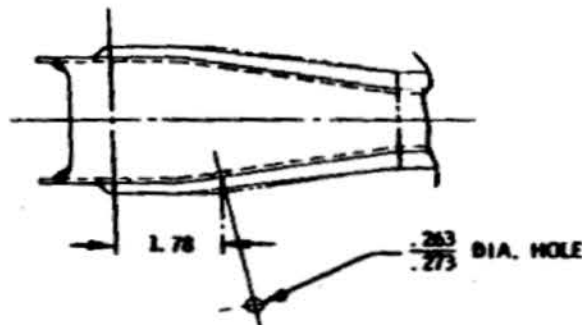
										TITLE LAYOUT - DRILLING (DASH)									
										DATE MARCH 13, 1966		FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 0		PAGE 1.41	
										DR BY JEFF JOHNSON		CHKD BY Paul R. Davis		SERIES A		PART NO. 396997			
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.				



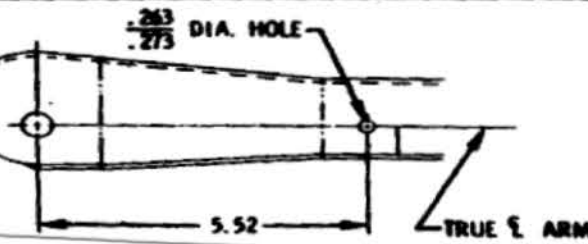
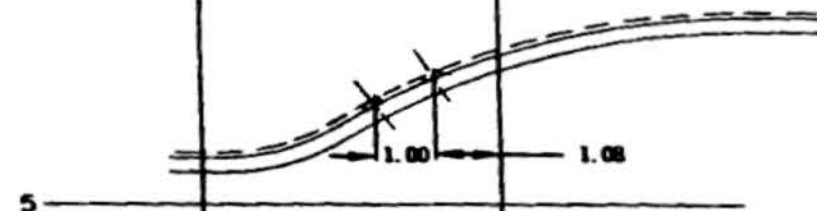
HOLE LOCATIONS IN REAR SPRING SUPPORT OF FRAME - EXC. EXTENDED WAGONS (LEFT HAND SIDE OF CAR)



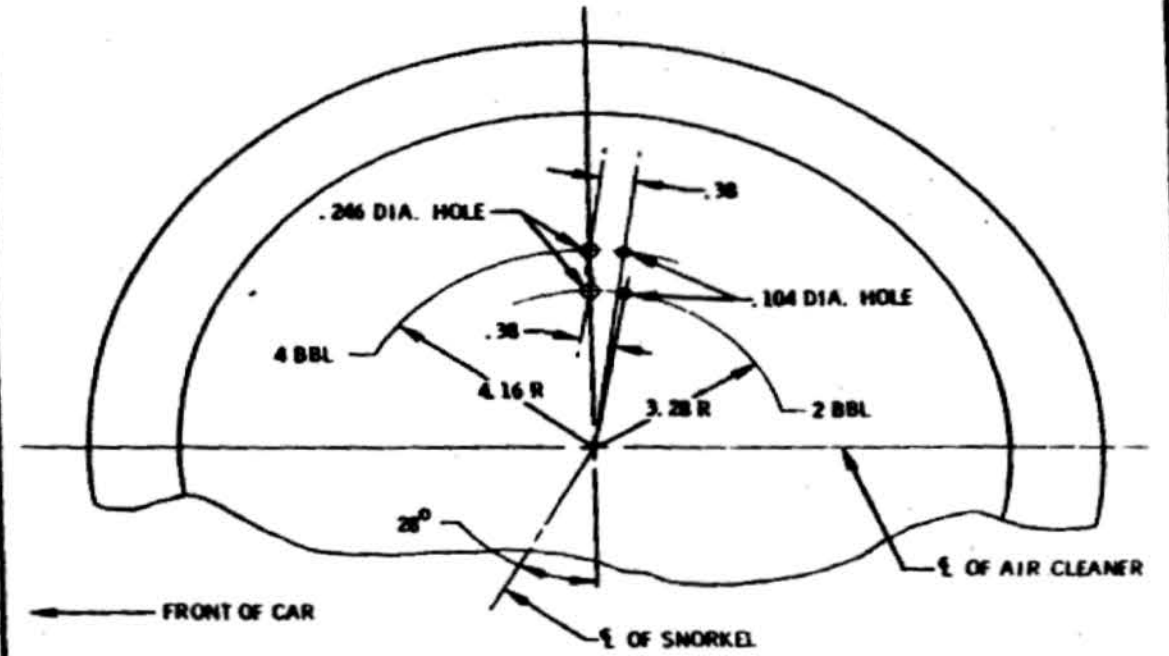
HOLE LOCATION IN REAR SPRING SUPPORT OF FRAME - EXTENDED WAGONS ONLY (RIGHT HAND SIDE OF CAR)



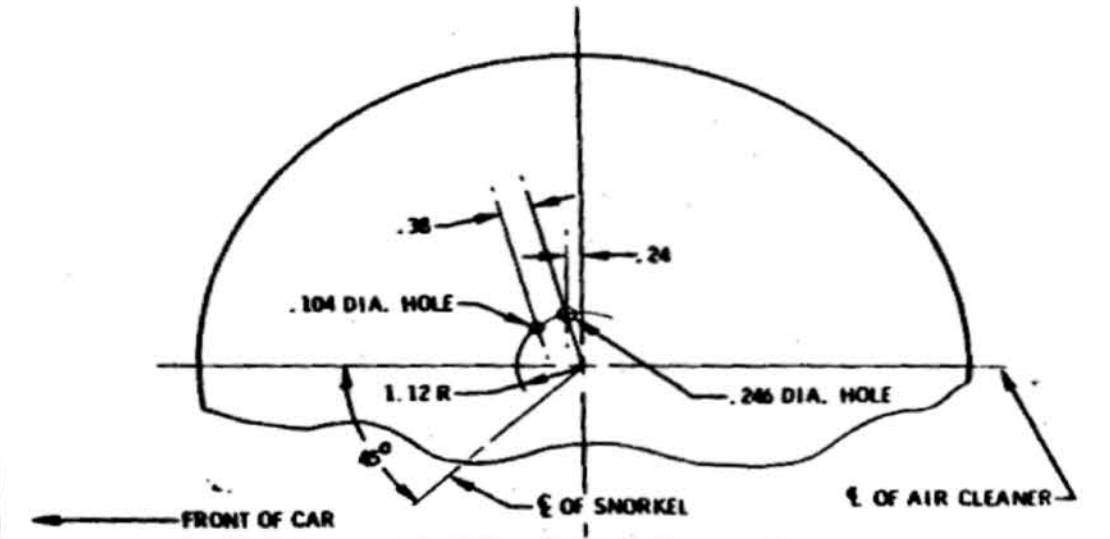
HOLE LOCATION IN L. H. UPPER CONTROL ARM - EXC. EXTENDED WAGONS (REAR SUSPENSION)



HOLE LOCATION IN R. H. UPPER CONTROL ARM - EXTENDED WAGONS ONLY (REAR SUSPENSION)



HOLE LOCATIONS IN AIR CLEANER (2 BBL & 4 BBL CARS)



HOLE LOCATIONS IN AIR CLEANER (6 CYLINDER CARS)

AUTOMATIC SUPERLIFT SHOCKS SHEET 4

DATE	BY	REVISION	DR.	CK.	DATE	BY	REVISION	DR.	CK.	DATE	BY	REVISION	DR.	CK.	APPR.

TITLE: LAYOUT - DRILLING (MISCELLANEOUS)															
DATE: MARCH 18, 1966				FIRST USED: 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL				MANUAL SECTION: 0		PAGE: 1.43			
DR BY: JEFF JOHNSON				CHECKED: J. N. FINE'S		SERIES: A				PART NO: 396997					
APPR. REF.															

INITIAL CHECK

1. MAKE SURE NEUTRAL START SWITCH IS CORRECTLY ADJUSTED SO CAR DOES NOT START IN REVERSE OR DRIVE.
2. MAKE SURE SHIFT LINKAGE IS CORRECTLY ADJUSTED SO THAT COLUMN STOPS DO NOT INTERFERE WITH THE TRANSMISSION QUADRANT DETENTS IN NEUTRAL AND DRIVE.

IMPORTANT

1. DO NOT EXCEED 1/2 THROTTLE OPERATION, EXCEPT ON MAKING A DOWNSHIFT.
2. DO NOT EXCEED 60 MPH.
3. DO NOT SHIFT TO PARK OR REVERSE WITH ROLLS TURNING.
4. IF CAR HAS EXCESSIVE CREEP, CHECK IDLE RPM AND PROPER VARIABLE STATOR FUNCTION AT IDLE.
5. CHECK FOR GEAR NOISE LEVEL DURING FUNCTIONAL CHECKS IN NEUTRAL, LOW AND REVERSE.
6. DO NOT ACCELERATE OR DECELERATE RAPIDLY WHILE PERFORMING CHECKS.

CHECK AND PROCEDURE

1. MAKE LIGHT THROTTLE START AND OBSERVE UPSHIFT AT 20-30 MPH.
2. OPEN THROTTLE TO DETENT AND OBSERVE FOR VARIABLE STATOR FUNCTION.
3. OPEN THROTTLE THRU DETENT AND OBSERVE FOR DOWNSHIFT FUNCTION.
4. BACK OFF ON THROTTLE AND OBSERVE UPSHIFT AT 30-60 MPH.
5. COAST DOWN TO 45-60 MPH, SHIFT TO LOW RANGE AND OBSERVE SHIFT.
6. STOP WHEELS, SHIFT TO REVERSE AND ACCELERATE LIGHTLY.
7. CHECK OPERATION OF PARKING PAWL ON 10% GRADE OR EQUIVALENT. SHOULD ENGAGE AND RELEASE FREELY WITHOUT RATCHETING.

										TITLE CHART - ROLL TEST PROCEDURE					
										DATE NOV. 1, 1965	PART USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	
										DR. BY C. BORDON	1967		0	1.50	
										CHECKED J.V. FAMES	REV.	SERIES	PART NO.		
										APPR. R.C. STEMPER		A	395931		
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	APPR.

TABLE B NOTE REVISED FROM A WAS ONE SHEET

PART NUMBER	CODE
383039	WA
387559	WB
387678	WC
387679	WD
389935	WE
389937	WF
389945	WG
391374	WH
391376	WI
391377	WJ
391378	WK
392731	WL
392732	WM
393162	WN
393530	WO
393526	WP
385011	WR
387558	WS
394503	WT
394523	WU
395255	WV
ⓓ 396928	WW
ⓔ 396929	WX

SEE DETAIL DRAWING FOR
LOCATION OF CODE LETTERS

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.
					6-30-66	E	PART NO. ADDED	JL							
					5-9-66	D	PART NO. ADDED	JL							
					1-23-65	C	PART NO. ADDED	JL							
					9-23-64	B	PART NO'S ADDED	JL							
					7-29-64	A	PART NO'S ADDED	JL							

TITLE		1967		OLDSMOBILE PRODUCT		MANUAL SECTION		PAGE	
CHART-HEATER HOSE				INFORMATION MANUAL		0		1.55	
DATE		MAY 21, 1965		DR BY		JIM GRAY			
CHECKED		J. N. AMES		APPR.					
SERIES		ABCE		PART NO		393531			

1967 MODELS
Alphabetical Reference

Symbol	Column	Package	Description
A43	57	1	Tinted Roof Glass Chrome Guard (V.C.)
A45	60	5	Deluxe Rear Middle Seat Belt and Deluxe Seat Belts
A81	60	3	Standard Front Shoulder Belts
A01	58	1	Tinted Glass
A02	58	2	Tinted Windows
A31	66	1	Power 4-Window Lifts
A32	66	2	Power Ventipane (PB)
A33	67	2	Power Tailgate Window
A39	60	1	Deluxe Front & Rear Seat Belts
A41	60	2	4-Way Power Seat-Bench (F-66)
A42	66	4	6-Way Power Seat-Bench (PB)
A46	65	8	4-Way Power Seat-Bench
A66	67	1	Divided Second Seat
A68	60	4	Standard Rear Middle Seat Belt
A69	64	1	Strato-Bench Reclining Seat
A70	64	2	Strato-Bench Reclining Seat
A74	71	1	H.D. Seat Springs - Front & Rear
A75	71	1	H.D. Seat Springs - Front (W/g.)
A81	64	4	Strato-Type Head Rests
A82	64	8	Non-Strato-Type Head Rests
A88	60	2	Dir. Shoulder Belt & Dir. Seat Belts
A91	66	4	Power Trunk Lid Latch
A93	66	4	Slide Door Latch (PB & E)
A96	72	1	Vacuum Rear Door Latch
BC1	67	1	Wood Grain Inset, Panel
B01	60	1	Police Approachers (City)
B07	60	2	Police Approachers (Highway)
B30	61	1	Wool Carpets (200 & 3400)
B32	51	2	Aux. Front Floor Mats
B33	51	2	Aux. Rear Floor Mats
B34	71	4	H.D. Front Floor Covering
B35	71	4	H.D. Rear Floor Covering
B36	66	4	Luggage Compartment Mat (6000)
B39	67	4	Carpeted Load Floor
B50	62	1	Foam Front Seat Cushion
B52	62	2	Foam Rear Seat Cushion
B60	61	1	Road Drip Moldings
B65	61	2	Window Sill Moldings
B90	61	4	Chrome Window Frames
B93	66	4	Door Edge Guards
C46	65	1	Deluxe Heater
C50	66	1	Rear Window Defogger
C51	66	4	Rear Window Air Deflector (F-66)
C60	50	1	Air Conditioner
C61	60	2	Comforton Air Conditioner (PB)
D26	66	4	Sun Shades (V.C.)
D32	48	2	Remote Control Mirror
D66	51	1	Front Compartment Console (200 & E)
F36	66	2	Heavy Duty Frames
G31	52	4	H.D. Rear Springs
G66	52	1	Super-Lift Rear Shock Absorbers
G80	52	2	Anti-dive Differential
G88	54	6	H.D. Performance Axle
G90	54	6	Performance Axle
G90	54	1	Performance Axle
G91	54	2	Performance Axle
G92	54	2	H.D. Performance Axle
G93	54	4	Performance Axle
G94	54	4	Performance Axle
G95	54	6	Expressway Axle
J50	42	2	Power Brakes
J56	70	2	Heavy Duty Brakes
K19	40	2	Air Injection Reactor (Call.)
K20	40	4	Crackcase Ventilation (Call.)
K21	40	1	Controlled Combustion System (Call.)
K30	29	1	Cruise Control
K30	29	2	Climate Combustion System
K66	29	4	High Voltage Ignition
K81	72	1	63 Amp. Delcotron

Car Distribution Dept.
Rev. 1/20/67

Symbol	Column	Package	Description
L66	57	3	Regular Fuel Engine (66)
L68	57	6	Turbo-Pak
L73	57	2	L.C. 4 Bl. (F-66)
L74	57	1	H.C. 4 Bl. Engine (PB)
L75	57	2	Starline Engine (PB)
L76	57	6	Police Performance Engine
L77	57	7	Police Performance Engine
L78	57	6	4-4-3 Performance Package
M01	42	1	Heavy Duty Clutch (F-66)
M11	26	1	3-Speed Column Shift
M16	26	2	3-Speed Fully Synchronized
M20	26	4	4-Speed Synchronized
M21	26	5	4-Speed Close Ratio Synchronized
M21	26	6	Jenny (F-66 & Cyl.)
M23	26	8	Jenny (F-66 V8 & 6000)
M24	26	9	H.D. Jenny
M40	26	8	Hydra-Matic
M41	26	9	H.D. Hydra-Matic
N10	46	1	Dual Exhaust System (F-66)
N20	44	1	Deluxe Steering Wheel
N23	44	2	Tilt Steering Wheel (F-66)
N27	44	2	Tilt & Telescopic Steering Wheel (PB)
N28	70	1	H.D. Manual Steering
M40	42	1	Power Steering
M43	46	9	14" Whitewall Tires (4-4-3)
M44	50	6	15" Deluxe Wheel Discs
M46	50	5	Stamatal Wire Wheels
M48	50	4	15" Splitter & Trim Ring (E)
P20	46	2	Radial Ply Whitewall Tires for "L66"
P01	50	1	Wheel Discs (F-66 & 6000)
P02	50	2	Deluxe Wheel Discs
P03	50	2	Deluxe Wheel Discs (E)
P04	46	5	15" Whitewall Tires (E)
P06	50	7	14" Super Stock Wheels (F-66)
P08	50	6	Wheel Trim Rings
P14	46	6	Radial Ply Whitewall Tires (E)
P26	46	1	14" Whitewall Tires
P28	46	4	15" Blackwall Tires
Q14	46	7	Heavy Service Whitewall Tires (PB)
T18	46	7	Heavy Service Whitewall Tires (F-66)
T17	46	9	Heavy Service Whitewall Tires (V.C.)
T23	46	2	Heavy Service Whitewall Tires (66)
T90	70	4	H.D. Battery (F-66)
T97	41	1	Cornering Lamps (PB)
U18	41	2	Safety Seatbelts
U21	41	1	Rolley Pac (F-66)
U29	46	2	Courtesy Lamps
U38	44	4	Electric Check
U37	46	4	Stereo Tape Player
U46	47	2	AM-FM Stereophonic Radio (PB)
U50	47	2	AM-FM Signal Seeker Radio (PB)
U52	47	2	Deluxe Radio
U60	47	1	AM-FM Radio (F-66)
U66	47	1	Power Antenna (E)
U76	46	1	Power Antenna
U80	46	2	Rear Seat Speaker
U80	52	1	Trailer Wiring Harness
U90	72	2	Flasher Wiring Harness & Roof Reinforcement
U91	72	4	Flasher Wiring Harness
V01	56	8	Heavy Duty Buckle
V56	66	1	Luggage Carrier (W/g.)
V66	66	2	Storage Compartment Latch (W/g.)
W20	72	4	Forced Air Induction - 4-4-3
W23	72	4	Call. Police Pkg. - (6000)
Y60	46	1	Accessory Package
Y67	42	4	Interior Option
Y66	56	4	Wheel Opening & Rector Panel Mktg. (F-66)
Y70	55	-	G.T. Palm Strips
Y72	56	4	H.D. Engine Cooling (PB)
Y73	42	2	Trailer Towing Transmission Control
Y75	72	2	Reinforced Wheel & Special Police Tires (PB)
Y76	56	4	H.D. Engine Cooling (F-66)
Y77	66	4	Wheel Cover & Luggage Mat
Y79	46	1	Technometer & Check (PB)

⑥ FRONT SHOCK ABSORBERS				
SERIES	W29 & W28	B07	B01	STD.
33307	--	LC	LC	DZ
33369	--	LC	LC	DZ
33335	--	--	LC	DZ
33407	--	LC	LC	HE
33469	--	LC	LC	HE
33435	--	--	LC	HE
33465	--	--	LC	LP
33517	--	LC	LC	DZ
33539	--	LC	LC	DZ
33569	--	LC	LC	DZ
33535	--	--	LC	DZ
33567	--	--	--	DZ
33617	--	LC	LC	HE
33639	--	LC	LC	HE
33669	--	LC	LC	HE
33635	--	--	LC	HE
33667	--	--	--	HE
33807	LC	--	LC	HE
33817	LC	--	LC	HE
33839	--	--	LC	HE
33869	--	--	LC	HE
33867	LC	--	--	HE
33855	--	--	LC	LP
33865	--	--	LC	LP

G66 SHOCK ABSORBERS FOR 33465 & 33855, 65 (KL & KM) ARE PART OF SUPERLIFT SHOCK PACKAGE 3166990 AS PURCHASED. IDENTIFICATION CODES WILL NOT BE ON THE SHOCK ABSORBERS.

⑥ REAR SHOCK ABSORBERS						
SERIES	W29 & W28	B07	B01	G66		STD.
				R. H.	L. H.	
33307	--	KV	KV	PK	PL	PE
33369	--	KV	KV	PK	PL	PE
33335	--	--	KV	PK	PL	PF
33407	--	KV	KV	PK	PL	PE
33469	--	KV	KV	PK	PL	PE
33435	--	--	KV	PK	PL	PF
33465	--	--	MT	KL	KM	EC
33517	--	KV	KV	PK	PL	PE
33539	--	KV	KV	PK	PL	PE
33569	--	KV	KV	PK	PL	PE
33535	--	--	KV	PK	PL	PF
33567	--	--	--	PK	PL	PE
33617	--	KV	KV	PK	PL	PE
33639	--	KV	KV	PK	PL	PE
33669	--	KV	KV	PK	PL	PE
33635	--	--	KV	PK	PL	PF
33667	--	--	--	PK	PL	PE
33807	KV	--	KV	PK	PL	PE
33817	KV	--	KV	PK	PL	PE
33839	--	--	KV	PK	PL	PE
33869	--	--	KV	PK	PL	PE
33867	KV	--	--	PK	PL	PE
33855	--	--	MT	KL	KM	EC
33865	--	--	MT	KL	KM	EC

NOTE:
G66 SHOCK ABSORBERS FOR 33300 THRU 33800 EXCEPT 55, 65 BODY STYLES (PK & PL) ARE PART OF SUPERLIFT SHOCK PACKAGE 3186593 AS PURCHASED. IDENTIFICATION CODES WILL NOT BE ON THE SHOCK ABSORBERS.

CODE	PART NUMBER	VALVING	
		REBOUND	COMPRESSION
DZ	3178139	C6 (4) E	E2
EC	3178161	C2.75 (1) J	E1.75
HE	3171060	C4.75 (1) F	C2
KL	3186551	C3 (46) J6	C3
KM	3186552	C3 (46) J6	C3
KV	3192408	C2.75 (8) L	K2-.073
LC	3192405	C2.50 (9) R	H1.50
LP	3192426	C4.5 (12) K	K1.75
MT	3192408	C2 (4) R	E1
PE	3192472	C3.5 (10) H	E3-.082
PF	3192473	C2.75 (2) G	D3.25
PK	3186551	C4 (56) E8	! 3.75
PL	3186552	C4 (56) E8	! 3.75

MEANING OF CODES FOR VALVING:

- FIGURE 1 ORIFICE PLATE - .108/9-.073
- FIGURE 2 ORIFICE PLATE - .125/9-.073
- FIGURE 4 ORIFICE PLATE - .144/9-.073
- FIGURE 8 ORIFICE PLATE - .093/4-.073
- FIGURE 9 ORIFICE PLATE - .108/6-.073
- FIGURE 10 ORIFICE PLATE - .125/4-.073
- FIGURE 12 ORIFICE PLATE - .125/6-.073

FIGURE 46

- 6 .089 DIAMETER HOLES REBOUND
- 6 .089 DIAMETER HOLES COMPRESSION

FIGURE 56

- 8 .089 DIAMETER HOLES REBOUND
- 6 .089 DIAMETER HOLES COMPRESSION

CHART-SHOCK ABSORBER USAGE									
DATE	BY	REVISION	DR.	CHK.	DATE	BY	REVISION	DR.	CHK.
					6-20-66	E	COLUMN REVISED		
					6-20-66	D	LINE REVISED		
					4-28-66	C	BOARD REVISED		
					2-7-67	G	WAS W29		
					6-20-66	F	BOARD REVISED		
					3-21-66	B	WAS 3178139/		
					3-21-66	A	WAS CODE 67		

TITLE	DATE	DR. BY	CHK. BY	APP. BY
CHART-SHOCK ABSORBER USAGE	FEB. 11, 1966	C. GORDON	J. N. PARRIS	J. S. JONES
PART USED	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
			0	1.65
SERIES	A	PART NO.	396402	

**FOR ENGINEERING U. P. C.
OPTION LIST SEE ADVANCE
ENGINEERING ORDER**

NO. 67-510

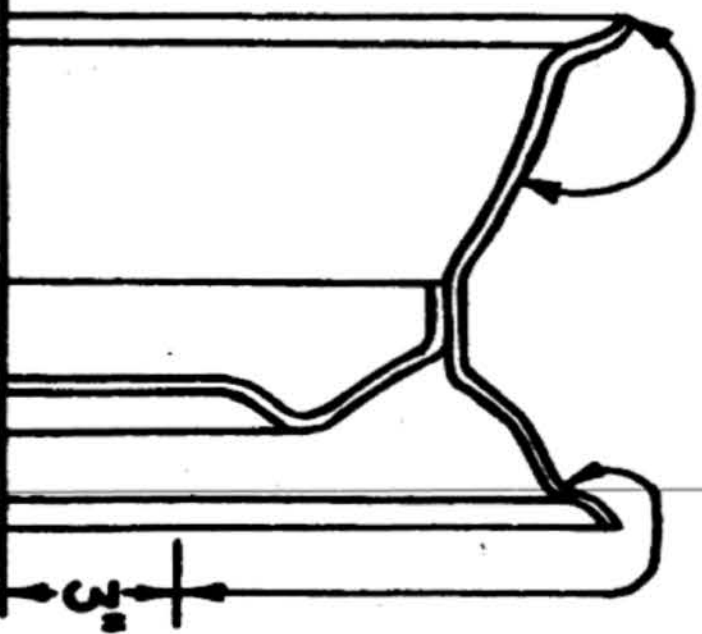
EXTERIOR PAINT CHART

		BODY & SHEET METAL-ACRYLIC LACQUER		WHEELS - ENAMEL		
Fisher Color W Number	Color Name	Rinshed-Mason Code No.	duPont Code No.	Forbes Code No.	Rinshed-Mason Code No.	duPont Code No.
A	848 EBONY BLACK	L61K005 or L55K011	942-96459	710-360	E29K001	780-76600
V	3592 ANYCOLOR PEPPER	L62N060 or L58N060	867-98266	720-474	E29N044	781-98266
P	3590 PEPPER	L62N061 or L58N061	867-98267	720-473	E39N045	781-98267
C	2661 PROVINCIAL WHITE	L61M004 or L55M004	868-93774	710-178	E29M008	780-93774
N	3307 BURGUNDY MIST	L61R030 or L55R030	867-97213	720-385	E29R009	781-97213
R	3595 SPANISH RED	L61R030 or L55R030	868-98138	710-475	E29R038	780-98138
G	3667 GOLD	L62N065 or L58N065	867-98370	720-450	E29N046	781-98370
T	3586 CAMEO IVORY	L61Y024 or L55Y024	868-98139	710-472	E29Y017	780-98139
S	3628 CHAMPAGNE	L62N063 or L58N063	867-98369	720-452	E29N047	781-98369
Y	3313 SAPPHIRE	L61Y013 or L55Y013	868-96908	710-396	E29Y015	780-96908
H	3561 ASPEN GREEN	L62G053 or L58G053	867-98140	720-468	E29G046	781-98140
K	3569 AQUAMARINE	L62B088 or L58B088	867-98141	720-471	E29B081	781-98141
L	3630 TAHOE TURQUOISE	L62B088 or L58B088	867-98268	720-477	E29B082	781-98268
D	3560 CRYSTAL BLUE	L62B089 or L58B089	867-98142	720-467	E29B083	781-98142
E	3566 MIDNIGHT BLUE	L62B087 or L58B087	943-98143	720-470	E29B084	781-98143

4-4-2 PAINT STRIPE COLORS

Color	Fisher W Number	Rinshed-Mason Code No.	duPont Code No.
A BLACK	MSA848	L55K006	898-98685
C WHITE	MSA2661	L55M023	898-98686
R RED	MSA3595	L55R031	898-98689
N MAROON	MSA3656	L55M005	898-98692
T BEIGE	MSA3597	L55M033	898-98691
J DK. GREEN	MSA3594	L55G028	898-98688
Y DK. YELLOW	MSA3657	L55Y026	898-98693
L DK. TURQUOISE	MSA3574	L55M049	898-98687
Z DK. BLUE	MSA3596	L55B050	898-98690
V DK. TAUPÉ	MSA3658	L55A015	898-98694

Added Sales Names. Corrected "W" numbers for Codes "G" and "S". Completed all charts. 6-22-66. Revised areas to be painted on wheels 6-13-67.



NOTE: Areas enclosed within the arrows are to be painted wheel color with synthetic enamel. Back side of wheel, tire mounting surfaces and within a three inch radius of the wheel centerline are not to be painted-although fogging is permitted.

Wheels for cars equipped with any wheel disc are to be painted Ebony Black, RM E29K001 or duPont-780-76600.

Wheels for cars equipped with hub caps are to be painted lower body color.

RECOMMENDED PAINT & TRIM USAGE

	EXTERIOR COLORS	INTERIOR TRIM COLORS							
		BLACK	BLUE	CHAMPAGNE / GOLD	CHAMPAGNE / BLACK	GOLD	RED OR BURGUNDY	TURQUOISE	YELLOW
A	EBONY BLACK	X	X		X	X	X	X	
V	ANTIQUE PEPPER	X			X				
P	PEPPER	X			X				
C	PROVINCIAL WHITE	X	X	X	X	X	X	X	X
N	BURGUNDY MIST	X			X		X		
R	SPANISH RED	X			X		X		
G	GOLD	X		X	X	X			X
T	CAMEO IVORY	X		X	X	X	X		X
S	CHAMPAGNE	X		X	X	X			X
Y	SAFFRON	X		X	X	X			X
H	ASPEN GREEN	X			X				
K	AQUAMARINE	X			X				X
L	LARGE TURQUOISE	X			X				X
D	CRYSTAL BLUE	X	X		X				
E	MIDNIGHT BLUE	X	X		X				

If car is ordered with hub caps, wheels are same as lower body color. Wheels will be Ebony Black (A), if any wheel disc is ordered.

Added color sales names. 6-22-66. Revised Champagne trim usage 12-16-66.

CHART: PAINT & TRIM SPECIFICATIONS
 ISSUED BY: C.T. JONES
 DATE: 2-28-66 DWO. BY: R. DUSTAN
 SHEET NO.: 3 PART NO.: 396541

TRIM USAGE WITH TWO-TONE PAINT

NOTE:
Two-tone paint is available on all closed models.

		TRIM COLORS						
		BLACK	BLUE	CHAMPAGNE/GOLD CHAMPAGNE/ BLACK	GOLD	RED OR BURGUNDY	TURQUOISE	YELLOW
1C	TANOR TURQUOISE			X			X	
NC	BURGUNDY MIST			X		X		
NA	BURGUNDY MIST	X				X		
PC	PEPPER	X		X				
PV	PEPPER	X						
RC	SPANISH RED			X		X		
SC	CHAMPAGNE			X	X	X		
ST	CHAMPAGNE			X	X	X		
VC	ANTIQUE PEPPER	X		X				
YA	SAFFRON	X						X
YC	SAFFRON	X		X				X

If car is ordered with hub caps, wheels will be same color as lower body.
If any disc is ordered, wheels will be black, Code A.

Added color sales names. Added black trim usage for TC paint 6-22-66. Revised Champagne trim usage 12-16-66.

CHART: PAINT & TRIM SPECIFICATIONS	
ISSUED BY: G.T. JONES	
DATE: 2-28-66	DWG. BY: R. DUSTAN
SHEET NO.: 4A	PART NO.: 396541

TRIM COMBINATION CHART

SERIES & STYLES	TRIM COLORS & NUMBERS									
	BLACK	BLUE	CHAMPAGNE w/GOLD CHAMPAGNE w/ BLACK	GOLD	RED	BURGUNDY	TURQUOISE	YELLOW w/GOLD YELLOW w/BLACK		
333(4)69 Town Sedan	910v	903	914v		905					
333(4)07 Club Coupe	910v	903	914v		915v					
333(4)35 2 Seat Station Wagon	910v	913v	914v							
335(6)69 Town Sedan	920	923	936v		935v		936v			
335(6)17 Holiday Coupe	920	923	936v				936v			
335(6)39 Holiday Sedan	920	923	934v				936v			
335(6)67 Convertible	930v	933v			965v			948v 938v		
335(6)35 2 Seat Station Wagon	930v	933v	934v		935v					
33807 Sport Coupe (bucket)	390v	393v			395v					
33807 Sport Coupe (bench)	920	923	937v 936v				936v			
33869 Town Sedan	940	943	944v			945v	946			988v
33817 Holiday Coupe (bucket)	970v	973v	987v 984v		975v					978v
33817 Holiday Coupe (bench)	980v		984v							
33839 Holiday Sedan	950	953		954		955v	956v			988v
33867 Convertible (bucket)	970v	973v	987v 984v		975v					978v
33867 Convertible (bench)	980v		984v							
33465 Std. 3 Seat Vista-Cruiser	910v	913v	914v							
33855 Custom 2 Seat Vista-Cruiser	990	993v	994v			995v	996			
33865 Custom 2 Seat Vista-Cruiser	990	993v	994v			995v	996			

"v" denotes all-vinyl trim.

* Trims 937 & 987 (Champagne w/Black Inset. panel, shrouds, carpet, package shelf, etc.) will supersede trims 934 & 984 (Champagne w/Dk. Gold) during February, 1967.

@ Trims 948 & 988 (Yellow w/Black Inset. panel, shrouds, carpet, package shelf, etc.) will supersede trims 938 & 978 (Yellow w/Dk. Gold) during February, 1967.

Corrected sales names for trim colors & models. Removed trim 965 from 335(6)17 and 935 from 335(6)39. Removed 335(6)07 models and all trims. Added 33807 model with bucket & bench trims 6-22-66. Added trims 937, 948, 987 &

988 12-16-66. Added * for 33807 trim 937 1-20-67.

CHART: PAINT & TRIM SPECIFICATIONS
 ISSUED BY: G.T. JONES
 DATE: 2-28-66 DWG. BY: R. DUSTAN
 SHEET NO.: 5 PART NO.: 396541

MISCELLANEOUS PARTS REQUIREMENTS

The parts listed above charts are required in the colors shown and are used in specific models as outlined.

Upper Instrument Panel (NOA) ----- Olds IBM Code 1
 Door-Glove Box-Molded to match NOA ----- Olds IBM Code 1
 Pad-Instrument Panel Safety-Molded to match NOA - Olds IBM Code 1

COLORS & TRIM USAGE

SERIES & MODELS	W NUMBER	TRIM COMBINATION USAGE	BLACK WB48	MDN'T. BLUE MET. W3302	DK. GOLD MET. W3588	DK. MAROON W3496	DK. TURQ. MET. W3571
33300 33400	333(4)69		910	903	914	905	
	333(4)07		910	903	914	915	
	333(4)35		910	913	914		
33500 33600	33465		910	913	914		
	335(6)69		920	923	934	935	936
	335(6)17		917 920	923	934		936
	335(6)39		920	923	934		936
	335(6)67		948 930	933	938	965	
33800	335(6)35		930	933	934	935	
	33807 (bucket)		937 920	930 923	934	935	936
	33807 (bench)						
	33869		940	943	944	945	946
	33817 (bucket seat)		988 970	973	978	975	
	33817 (bench seat)		987 980		984		
	33839		950	953	954	955	956
	33867 (bucket seat)		988 970	973	978	975	
	33867 (bench seat)		987 980		984		
	33855		990	993	994	995	996
33865		990	993	994	995	996	

Package Shelf (NOA)
 Radio Speaker Grille-Except Station Wagon (NOA)

COLOR	W NUMBER	TRIM COMBINATION USAGE
BLACK	WB48	910, 920, 930, 940, 950, 970, 980, 990, 990, 937, 948, 987, 988
DK. BLUE	W3565	903, 913, 923, 933, 943, 953, 973, 993, 993
DK. GOLD	W3588	914, 934, 938, 944, 954, 978, 984, 994
DK. RED	W3357	905, 915, 935, 965, 975, 995
DK. MAROON	W3496	945, 955, 995
DK. TURQUOISE	W3571	936, 946, 956, 996

Removed I.P. steering column cover 6-22-66. Removed trim 965 from 335(6)17 and trim 935 from 335(6)39. Removed 335(6)07 model and all trims. Added 33807 model with bucket and bench trims 7-7-66. Added usage for trims 937, 948, 987 & 988 12-16-66

CHART: PAINT & TRIM SPECIFICATIONS
 ISSUED BY: G.T. JONES
 DATE: 2-28-66
 SHEET NO.: 7
 DMO. BY: R. DUSTAN
 PART NO.: 396541

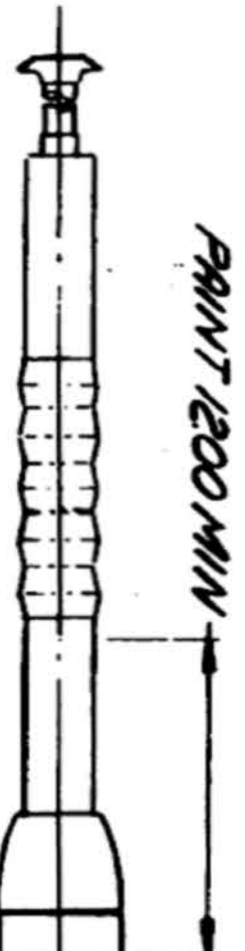
MISCELLANEOUS PARTS REQUIREMENTS

The parts listed above chart are required in colors shown and used in specific models as outlined.

Steering Column (W30A) ----- Olds IBM Code 3
 Jacket-Steering Column (W30A) ----- Olds IBM Code 3
 Turn Signal Housing (W30A) ----- Olds IBM Code 3
 Steering Wheel, Standard-Painted (W30A) - Olds IBM Code 3
 Steering Wheel, Deluxe-Plastic ----- Olds IBM Code 3

COLORS & TRIM USAGE

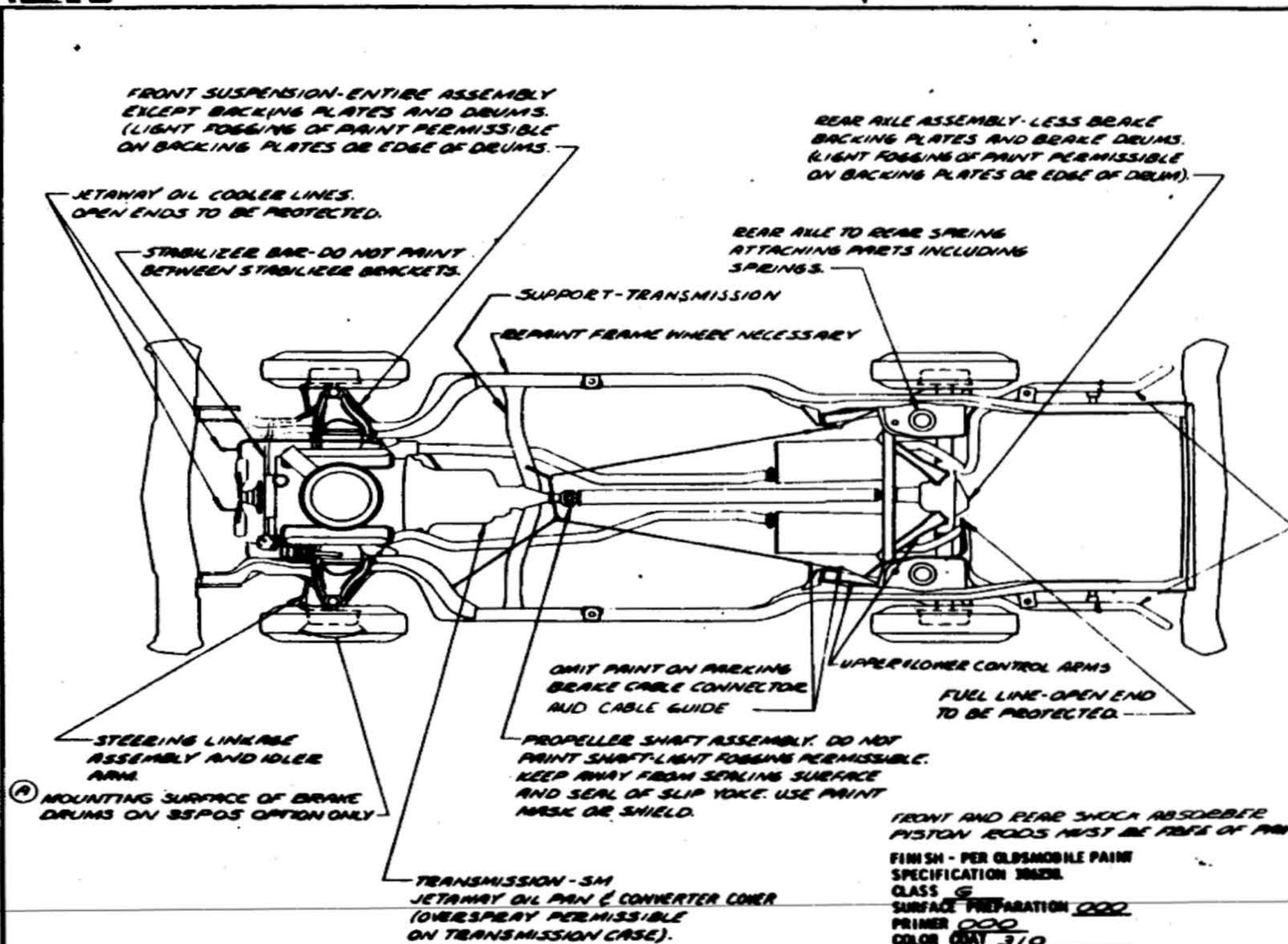
SERIES & MODELS	COLORS & TRIM USAGE				
	BLACK W848	MDN'T. BLUE W3567	DK. GOLD W3589	DK. MAROON W3496	DK. TURQUOISE W3574
33300 33400	333(4)69	910	903	914	905
	333(4)07	910	903	914	915
33400	333(4)35	910	913	914	
	33465	910	913	914	
33500 33600	335(6)69	920	923	934	935
	335(6)17	937 920	923	934	936
33500 33600	335(6)39	920	923	934	936
	335(6)67	948 930	933	938	965
33800	335(6)35	930	933	934	935
	33807 (bucket) 33807 (bench)	937 920	933 923	934	935 936
33800	33869	940	943	944	945
	33817 (bucket seat)	988 970 987 980	973	978	975
33800	33839	950	953	954	955
	33867 (bucket seat)	988 970 987 980	973	978	975
33800	33867 (bench seat)	980		984	
	33855	990	993	994	995
33865	990	993	994	995	996



Changed 60° to 30° 6-22-66. Removed trim 965 from 335(6)17 and trim 935 from 335(6)39. Removed 335(6)07 model and all trims. Added 33807 model with bucket and bench trims 7-7-66. Added usage for trims 937, 948, 987 & 988 12-16-66. Added

CHART: PAINT & TRIM SPECIFICATIONS
 ISSUED BY: G.T. JONES
 DATE: 2-28-66 DMC. BY: R. DUSTAN
 SHEET NO.: 9 PART NO.: 396541

OLDSMOBILE DIVISION
GENERAL MOTORS CORPORATION
LANSING, MICHIGAN



DATE	BY	REVISION	DESCRIPTION	INITIALS	NO.
8/31/66	WMS	K-03192			
9/16/66	A	NOTE ADDED			
9/16/66	B	MANUAL SECTION			
		2. FOGGED	PART		

TRAIL PIPES FROM ENDS 36.00 INCHES FORMED EXCEPT WAD EQUIP (442) NOT TO BE PAINTED FROM TAILPIPE HANGERS REARWARD

NO 398281
LAST CHANGE

TOLEANCES UNLESS OTHERWISE SPECIFIED: .005 ALLOWED ON TWO PLACE DECIMALS; .000 ALLOWED ON THREE PLACE DECIMALS ON ALL CASTINGS AND FORINGS ALLOW FOR FINISH AS FOLLOWS F₁-SD, F₂-SD, F₃-SD, F₄-SD ETC. COMMERCIAL TOLERANCES APPLY TO SHEET METAL GAUGES, TURNING, MILLING, DRILLING OR EXTENDED SECTIONS & STANDARD PARTS

DO NOT SCALE

DATE: AUG 17, 1966
BY: G. HEETHUIS
CHECKED: J. L. Jernard
1967

CHART-CHASSIS ASSEMBLY PAINT
PART C 398281

SEC. PAGE 0 1.95
398281

F-05

TYPICAL TEST DATA FOR 1966 "A" 3400-3600-3800
V8 ONLY

RELATIVE HUMIDITY	IN FRONT OF CONDENSER		EVAPORATOR PRESSURE AT SUCTION THROTTLING VALVE #1 PSI	ENGINE R.P.M.	DISCHARGE AIR TEMP. R.H. NOZZEL. 1/2" F.	PRESSURE HIGH (DISCHARGE) #20 PSI
	RELATIVE HUMIDITY	AIR TEMP. °F.				
20	60 70 80 90 100	60 70 80 90 100	29 29 29 29 36.5	2000	38 40 41 45 58 72	150 180 205 230 280 345
30	60 70 80 90 100 110	60 70 80 90 100 110	29 29 29 29 33 42	2000	38 42 45 49 63 77	151 183 210 240 292 355
40	60 70 80 90 100 110	60 70 80 90 100 110	29 29 29 29 33 42	2000	38.5 43 47 54 67 81	155 188 221 260 318 385
50	60 70 80 90 100	60 70 80 90 100	29 29 29 29 36	2000	39 43.5 50 61 75	163 190 226 270 330
60	60 70 80 90 100	60 70 80 90 100	29 29 29 29 39	2000	39.5 44 52.5 65 79	175 192 233 280 342
70	60 70 80 90 100	60 70 80 90 100	29 29 29 29 46	2000	40 45 54.5 69 83	180 195 237 291 354
80	60 70 80 90 100	60 70 80 90 100	29 29 29 29 49	2000	41 46.5 55 72 87	188 197 245 301 367
90	60 70 80 90 100	60 70 80 90 100	29 29 29 29 49	2000		

FOR AIR CONDITIONING PROCEDURE,
SEE CHART 697352, SHEETS 1 & 2

TITLE AIR CONDITIONING TEST DATA									
DATE APRIL 6, 1966		FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 0		PAGE 2.10	
DR. BY ANNIE P. BAKER		CHECKED J. W. PARRIS		APPR.		SERIES A		PART NO. 397259	
DATE	SYM	REVISION	DR. CK.	DATE	SYM	REVISION	DR. CK.	DATE	SYM

TYPICAL TEST DATA FOR 1966 "A" - 3300 & 3900
L6 ONLY

RELATIVE HUMIDITY	IN FRONT OF CONDENSER		EVAPORATOR PRESSURE AT SUCTION THROTTLING VALVE + PSI	ENGINE R.P.M.	DISCHARGE AIR TEMP. R.H. NOZZLE ± 2° F.	PRESSURE HIGH (DISCHARGE) ± 20 PSI
	AIR TEMP. ° F.					
20	60 70 80 90 100 110	29 29 29 29 29 35	2000	38 40 41 45 48 54.5	146 202 255 310 360	
30	60 70 80 90 100 110	29 29 29 29 29 32	2000	38 40 43 47 53 64	146 174 215 266 328 390	
40	60 70 80 90 100 110	29 29 29 29 29 37	2000	38 40 43 49 58 68	146 180 228 276 346 420	
50	60 70 80 90 100 110	29 29 29 29 42 50	2000	38.5 40 44.5 52.5 63.5 72	150 188 242 293 363 440	
60	60 70 80 90 100	29 29 29 34 46	2000	39 42.5 48 54.5 68	158 195 257 310 385	
70	60 70 80 90 100	29 29 29 38.5 50	2000	39 42 51 62.5 72	168 202 273 327 405	
80	60 70 80 90 100	29 29 31 43.5 54	2000	39.5 43 54.5 64 76	175 209 288 344 420	
90	60 70 80 90 100	29 29 36 48 58	2000	40 44.5 57.5 68 80	183 216 304 361 440	

L6 ONLY

SHEET 2

FOR AIR CONDITIONING PROCEDURE, SEE CHART 69725, SHEETS 1 & 2

TITLE AIR CONDITIONING TEST DATA											
DATE APRIL 4, 1966				FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 0		PAGE 2.11	
DR. BY BARRY FRIEDER				CHECKER J. N. FAYES		SERIES A		PART NO. 397259			
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM

CRUISE CONTROL CHECK PROCEDURE (F-85)

AFTER CRUISE CONTROL IS INSTALLED,
ROAD TEST AS FOLLOWS:

1. DRIVE AT SPEED OF 50 M. P. H.
2. PUSH ENGAGE BUTTON. AT APPROXIMATELY 1/2 TRAVEL
CRUISE CONTROL SHOULD ENGAGE AT 50 M. P. H.
± 1 M. P. H. PROVIDED HELD AT CONSTANT SPEED ON
LEVEL ROAD AT ENGAGE.
3. CHECK ENGAGE BUTTON DISENGAGE. PUSH BUTTON
TO FULL TRAVEL AND ALLOW CAR SPEED TO DROP TO
40 M. P. H. AND RELEASE BUTTON SLOWLY. CRUISE
SYSTEM SHOULD LOCK IN AT 40 M. P. H.
4. CHECK FOR THROTTLE RELEASE BY DEPRESSING BRAKE
PEDAL 1/4 TO 3/8 INCH.

										TITLE CHART-35K30 CHECK PROCEDURE				
										DATE	FIRST USED	OLDSMOBILE PRODUCT	MANUAL SECTION	PAGE
										JUNE 16, 1966	1967	INFORMATION MANUAL	0	3.50
										DR BY	CHECKED	APPR	SERIES	PART NO
										J. ACKERT	DON M. J. LIN		A	394435
										DR. CK.	APPR			
REVISION	DR. CK.	DATE	SYM	REVISION	DR. CK.	APPR								

INSIDE OF CAR - SECTION I-I

- 1.00 TOE PAN INSULATORS, DIMMER SWITCH & ACCELERATOR STUDS**
- 1.01 SHROUD SIDE FINISHING PANEL**
- 1.02 FLOOR CARPET & ACCELERATOR PEDAL**
- 1.03 STANDARD HEATER**
- 1.04 DEFROSTER OUTLET AND COVER**
- 1.20 L-6 THROTTLE CONTROL**
- 2.01 AIR CONDITIONING FLOOR INSULATORS**
- 2.02 AIR CONDITIONING HEATER**
- 2.03 AIR CONDITIONING ASSEMBLY TO HEATER**
- 2.04 A/C SHROUD SIDE FINISHING PANELS**
- 2.05 A/C END AIR OUTLET**
- 3.01 MANUAL TRANSMISSION FLOOR SHIFT CONSOLE**
- 3.10 AUTOMATIC TRANSMISSION FLOOR SHIFT CONSOLE**

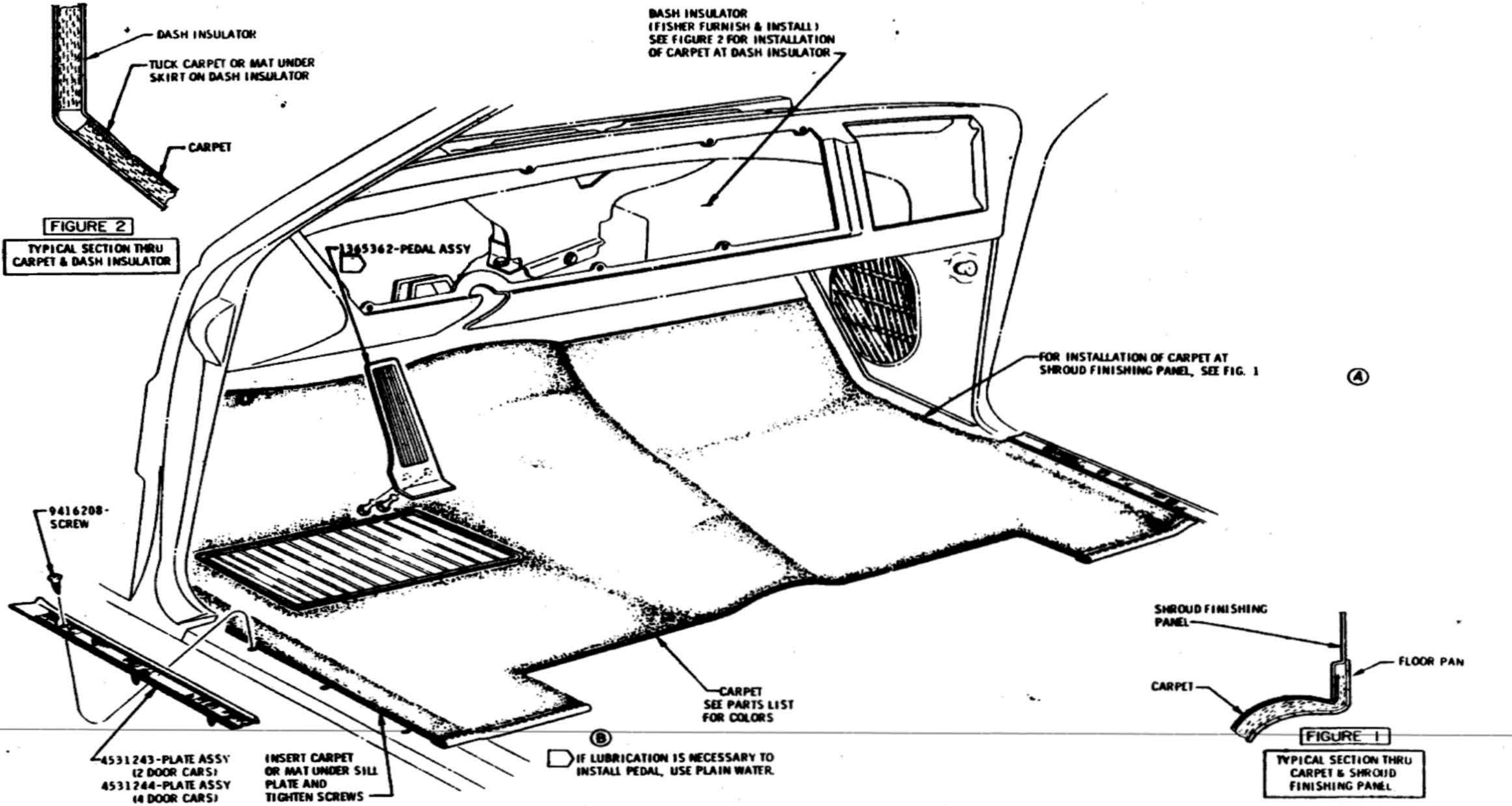
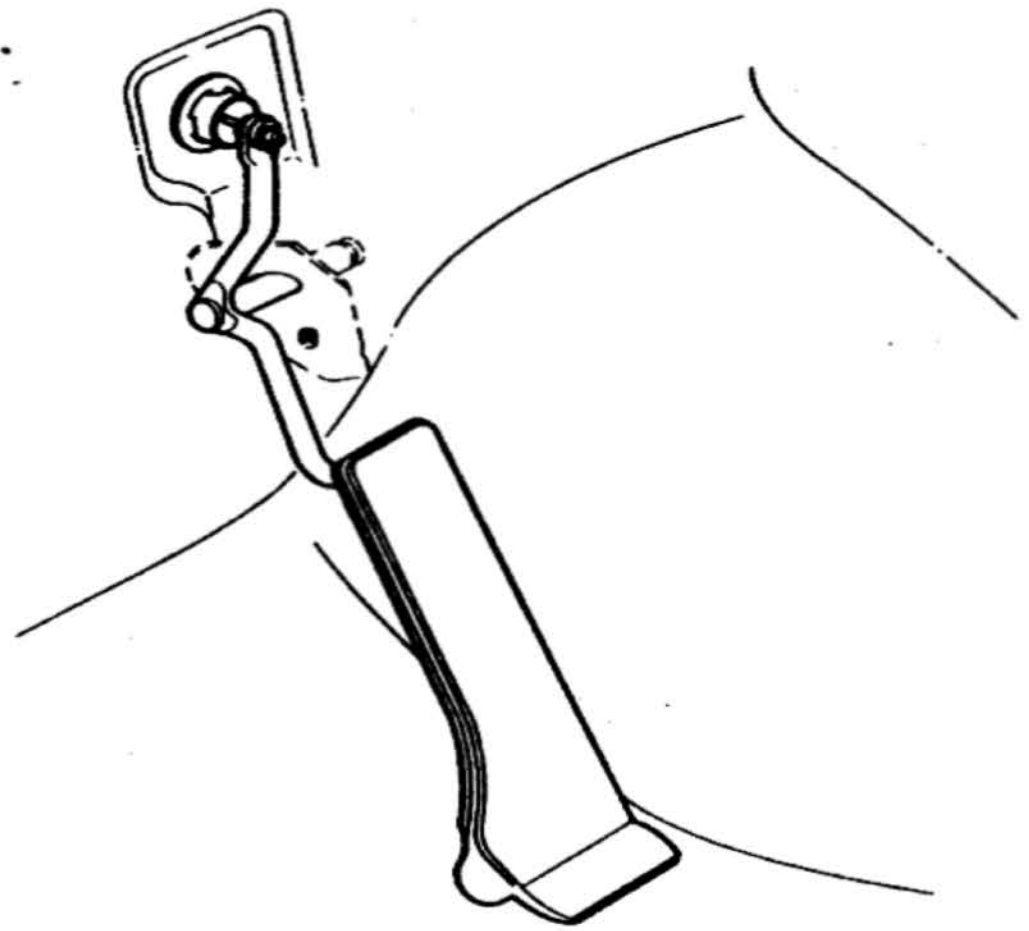
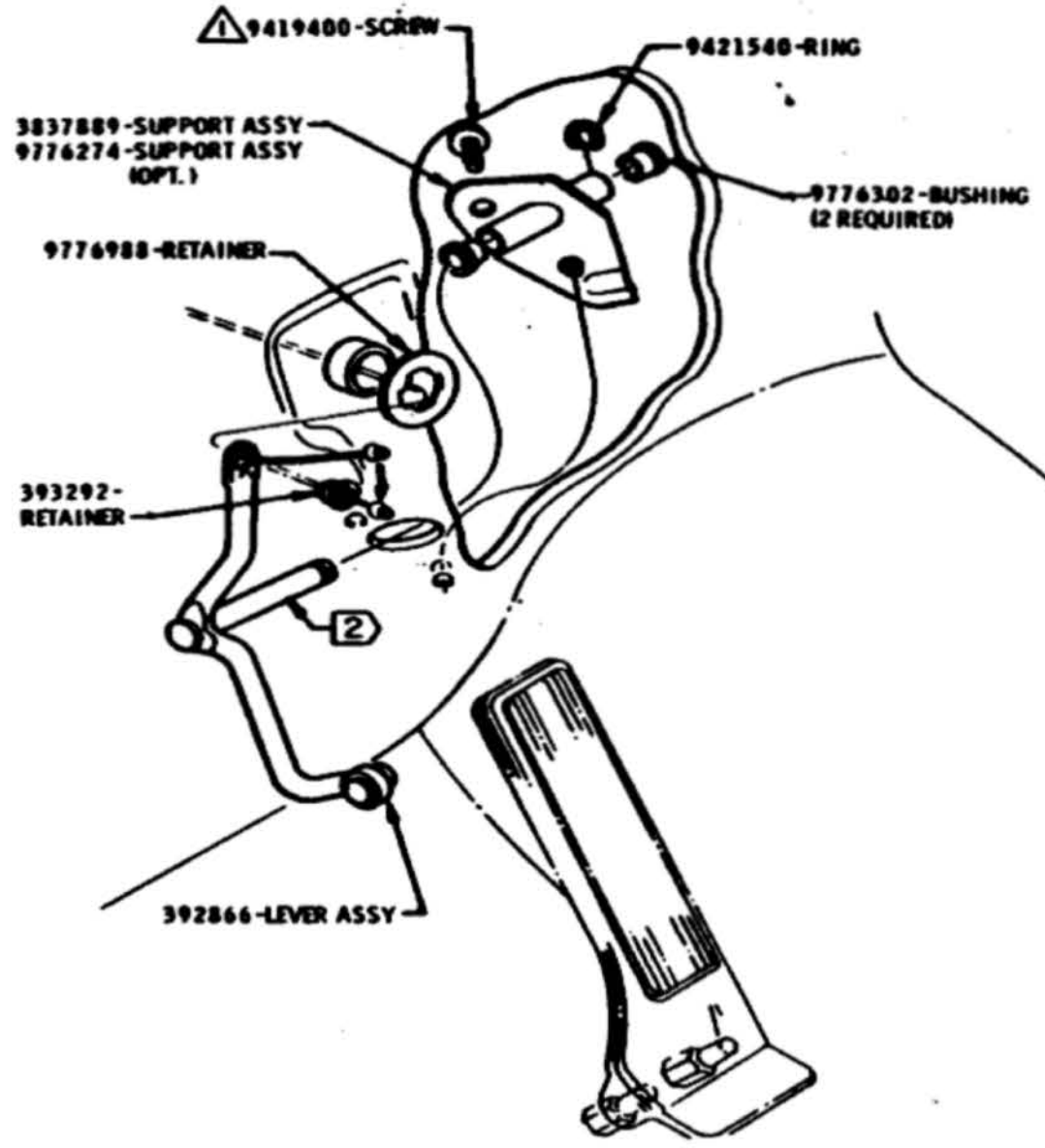


FIGURE 2
TYPICAL SECTION THRU
CARPET & DASH INSULATOR

FIGURE 1
TYPICAL SECTION THRU
CARPET & SHROUD
FINISHING PANEL

TITLE										FLOOR CARPET & ACCELERATOR PEDAL														
DATE	BY	CHKD	DATE	SYM	REVISION	DATE	BY	CHKD	DATE	SYM	REVISION	DATE	BY	CHKD	DATE	SYM	REVISION	DATE	BY	CHKD	DATE	SYM	REVISION	
9246 B NOTE REWROD 9246 A VIEW REMOVED										FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 1-1		PAGE 1.02								
										NET GN 1A1		SERIES A		PART NO 394435										



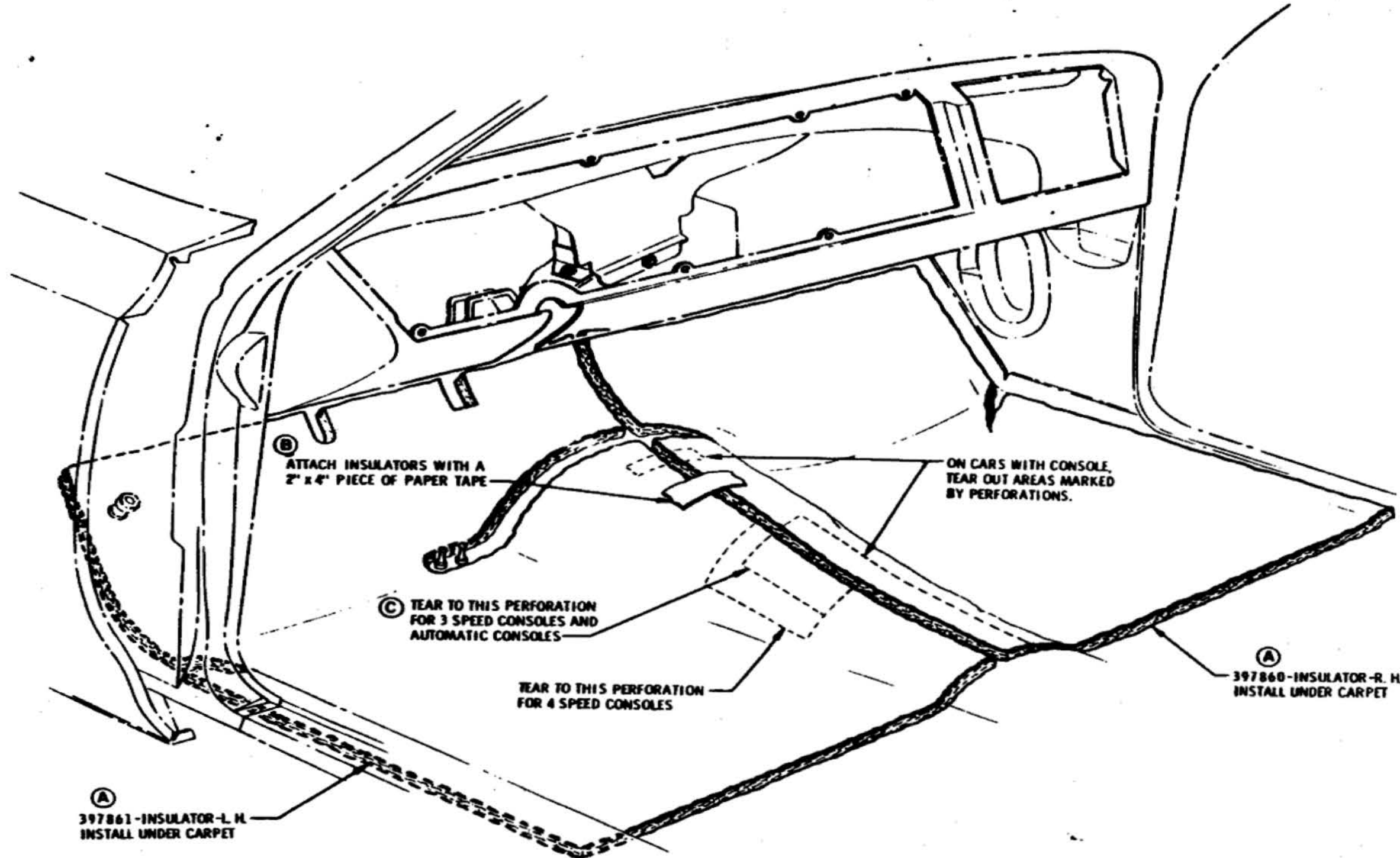
ASSEMBLED VIEW

LUBRICATE AREAS INDICATED WITH 9985038-GREASE

⚠ 15-25 LB. IN. ⓐ

②

										TITLE				L6 THROTTLE CONTROL			
										DATE MARCH 18, 1966				FIRST USED			
										DR. BY ED J. ROE				1967			
										CHECKED <i>[Signature]</i>				OLDSMOBILE PRODUCT INFORMATION MANUAL			
										BY MFR. H.J.B. PAGE				MANUAL SECTION			
														1-1			
														PAGE			
														1.20			
														SERIES			
														A			
														PART NO.			
														394435			
DATE	BY	DEVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	APPR.		



TITLE AIR CONDITIONING FLOOR INSULATORS										FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE											
8-17-66 C NOTE REVISED 8-16-66 B NOTE ADDED 7-14-66 A WAS 589408-9 INSULATOR										1967		1-1	2.01											
DATE JAN. 11, 1966 BY C. V. BEACHNAU CHECKED APPR.										REF. 35C60	SERIES A	PART NO. 394435												
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK

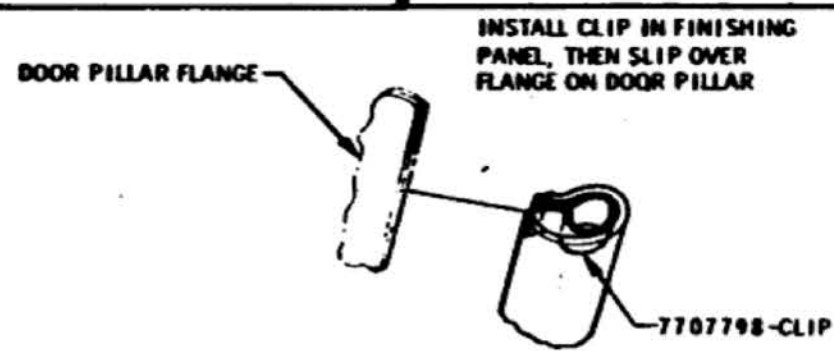
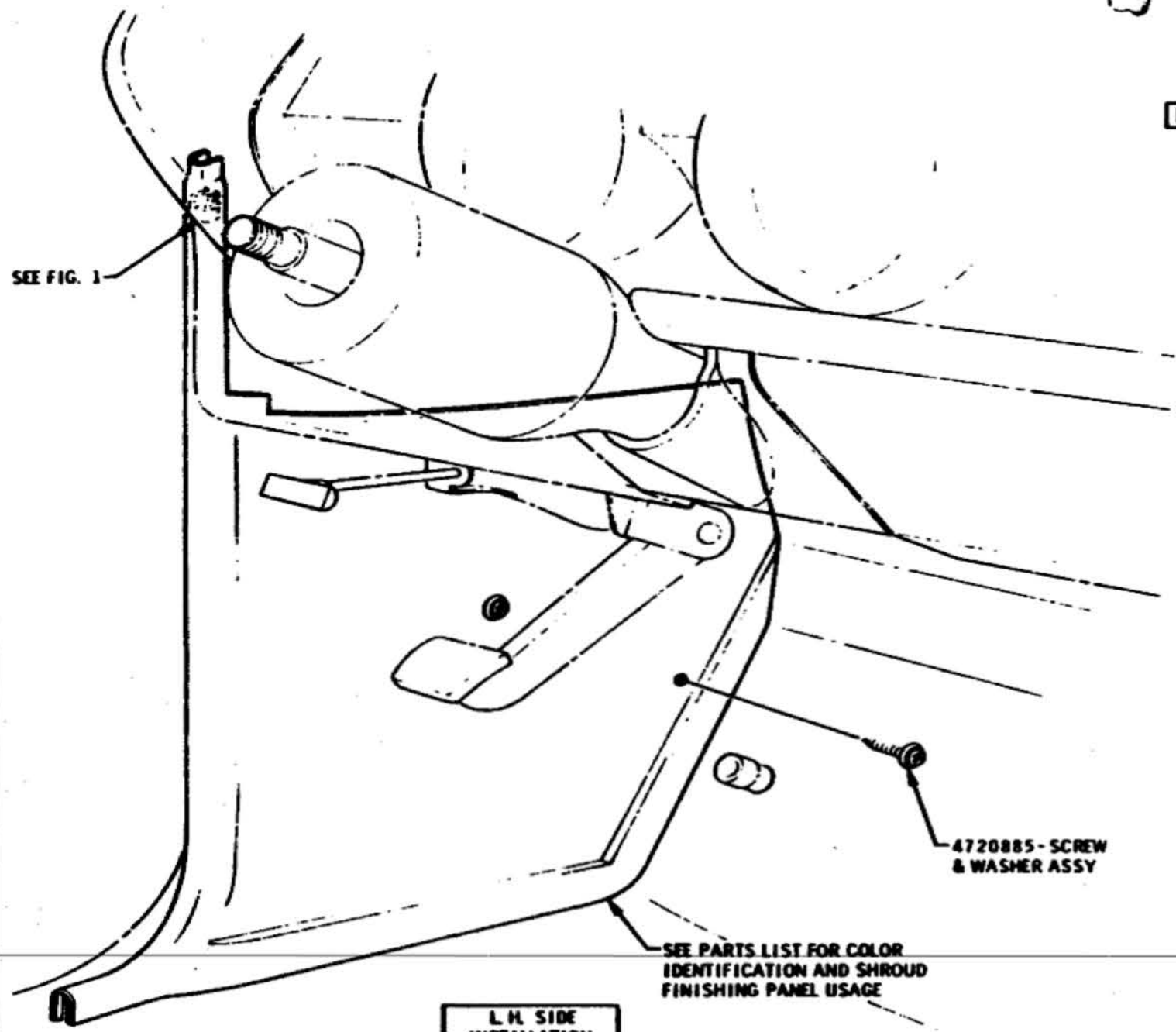
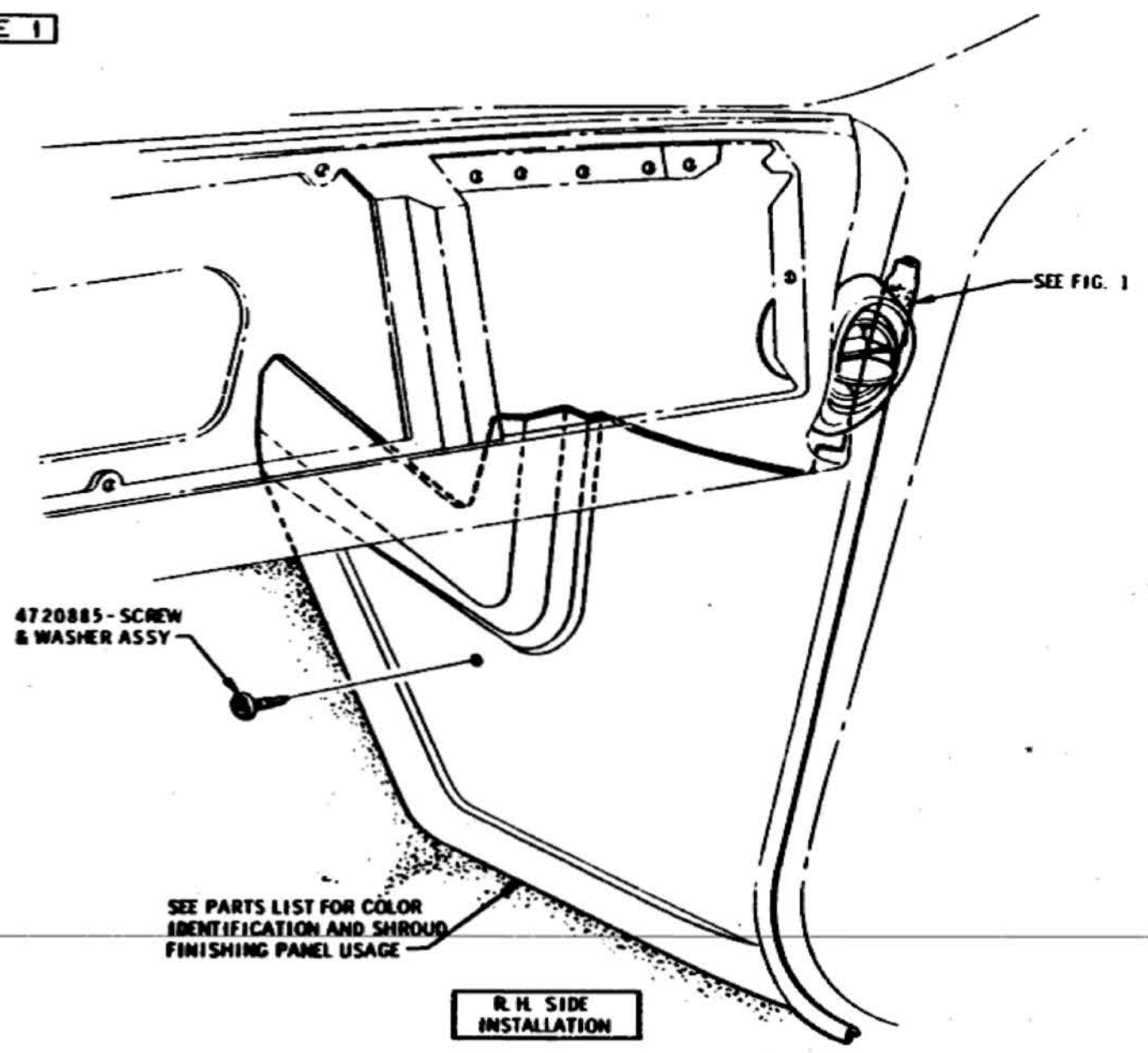


FIGURE 1



**L. H. SIDE
INSTALLATION**



**R. H. SIDE
INSTALLATION**

										TITLE A/C SHROUD SIDE FINISHING PANELS									
										DATE JAN. 17 1966		FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 1-1		PAGE 2.04	
										DR BY C. V. BEACHNAU		CHKD T.P.M.S.		SERIES A		PART NO. 394435			
										REV. 36660		APPR. [Signature]							
										9-566 B REDRAWN AND REVISED		APPR. [Signature]							
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.				

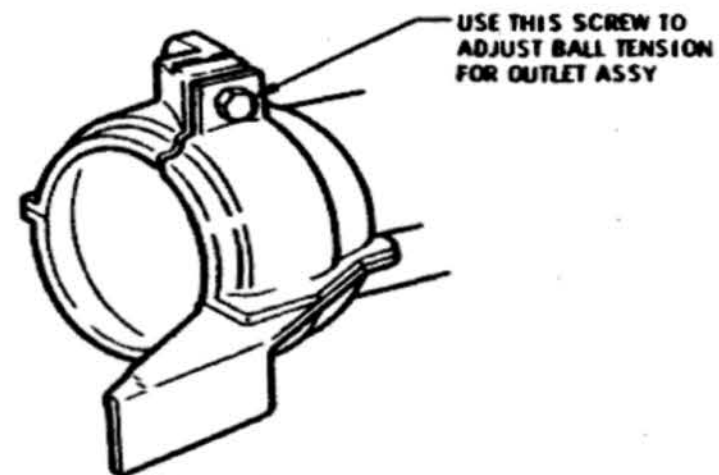


FIGURE 1

589535-ELBOW SHOP ASSY-
END OUTLET. L. H. SIDE ONLY
SLIPS INTO END OUTLET
SHOP ASSY

9419840-NUT

SEE FIGURE 1

387384-BEZEL-R. H.
387385-BEZEL-L. H.

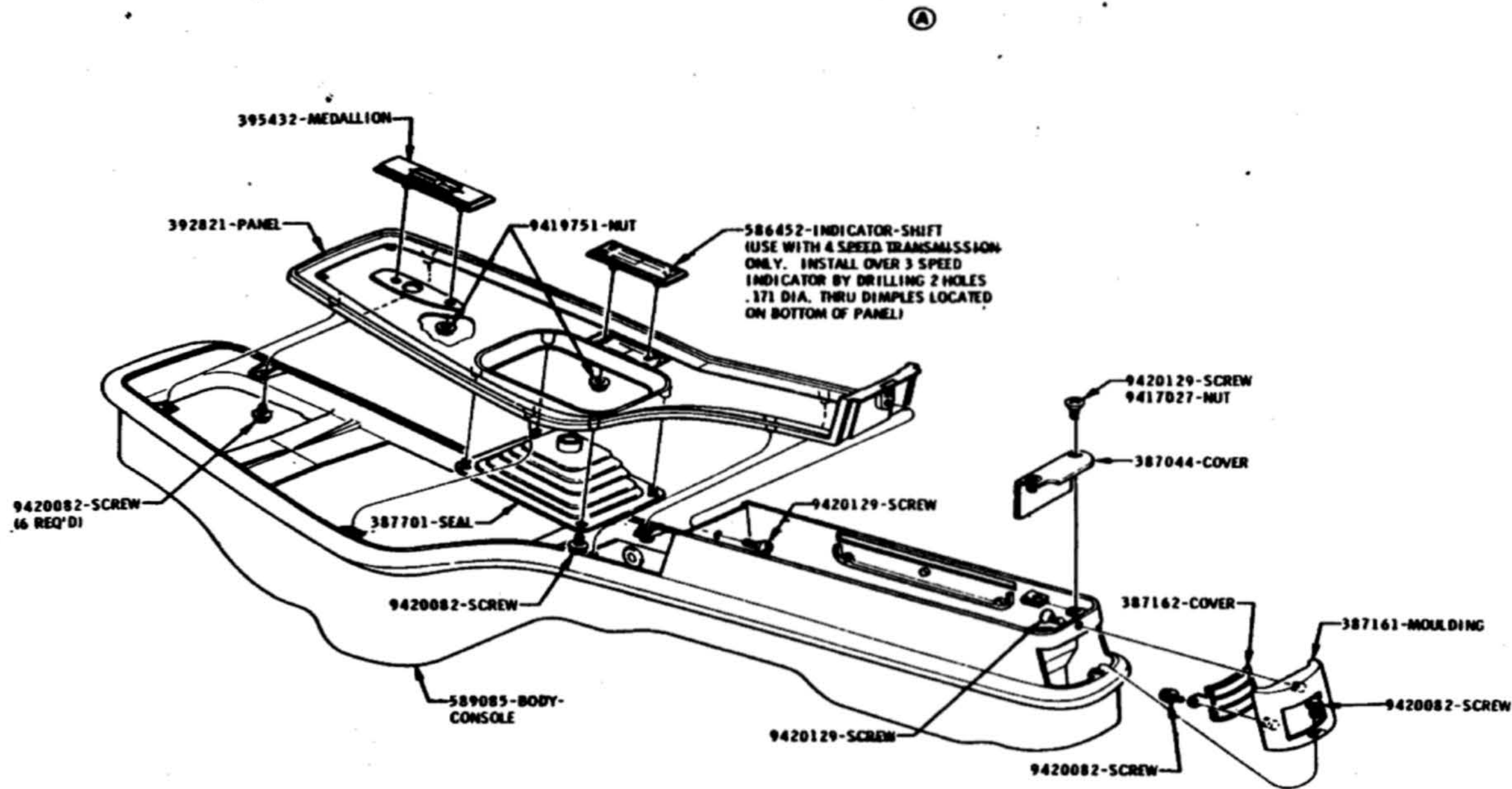
588985- END AIR-OUTLET SHOP ASSY L. H.
588984- END AIR-OUTLET SHOP ASSY R. H.

588972-BRACKET
9419663-SCREW
BRKT. TO TIE BAR

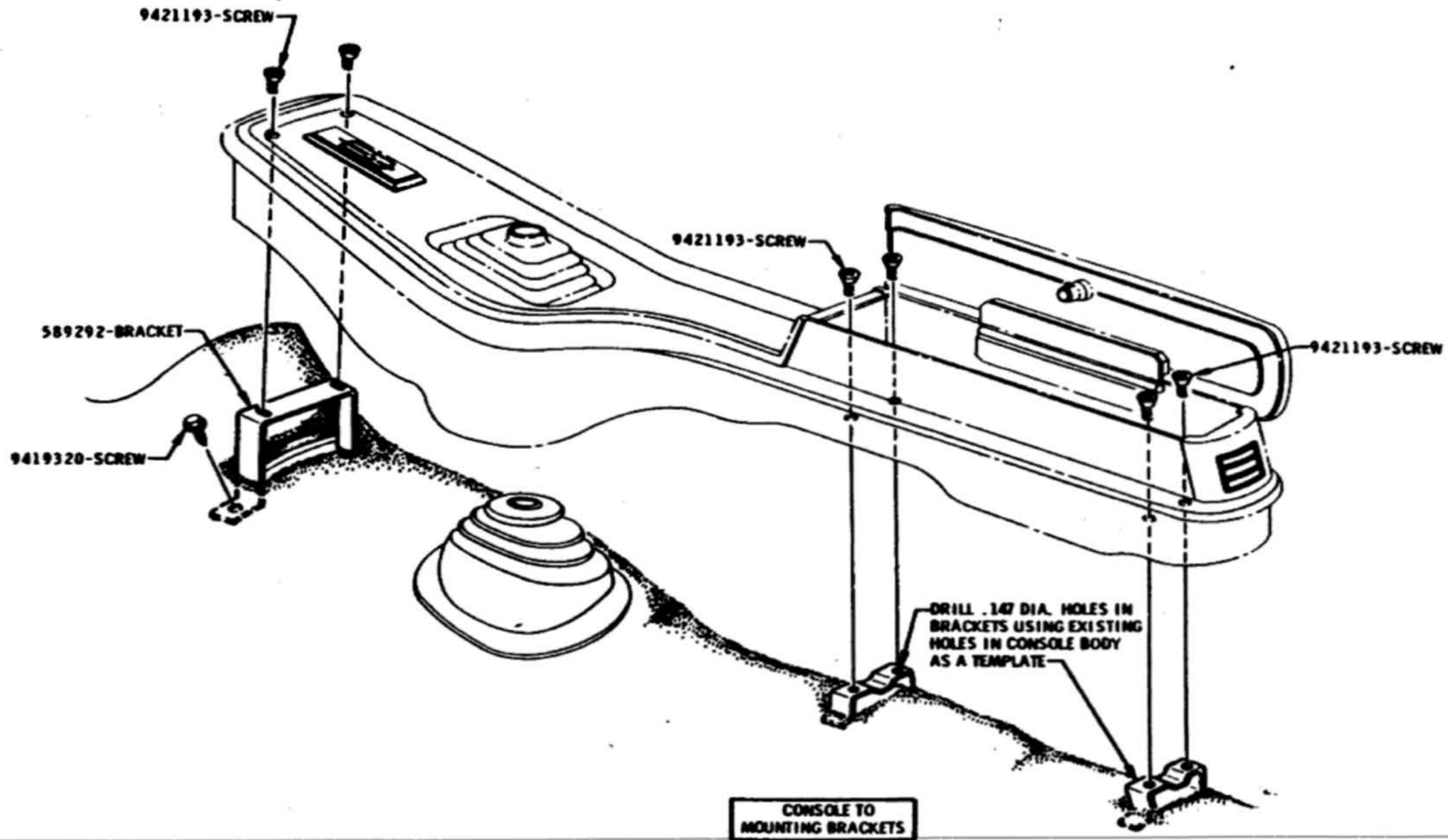
**INSTALLATION OF
AIR OUTLET**

L. H. SIDE SHOWN
R. H. SIDE OPPOSITE

										TITLE A/C END AIR OUTLET		PART YEAR		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE	
										DATE <i>AUG 9 1966</i>		1967				1-1		2.05	
										DR BY JOSEPH V. GALL									
										CHECKED <i>[Signature]</i>		REF.		SERIES		PART NO.			
										APPR <i>[Signature]</i>		35C40		A		394435			
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR	35C40	SERIES	PART NO.	394435

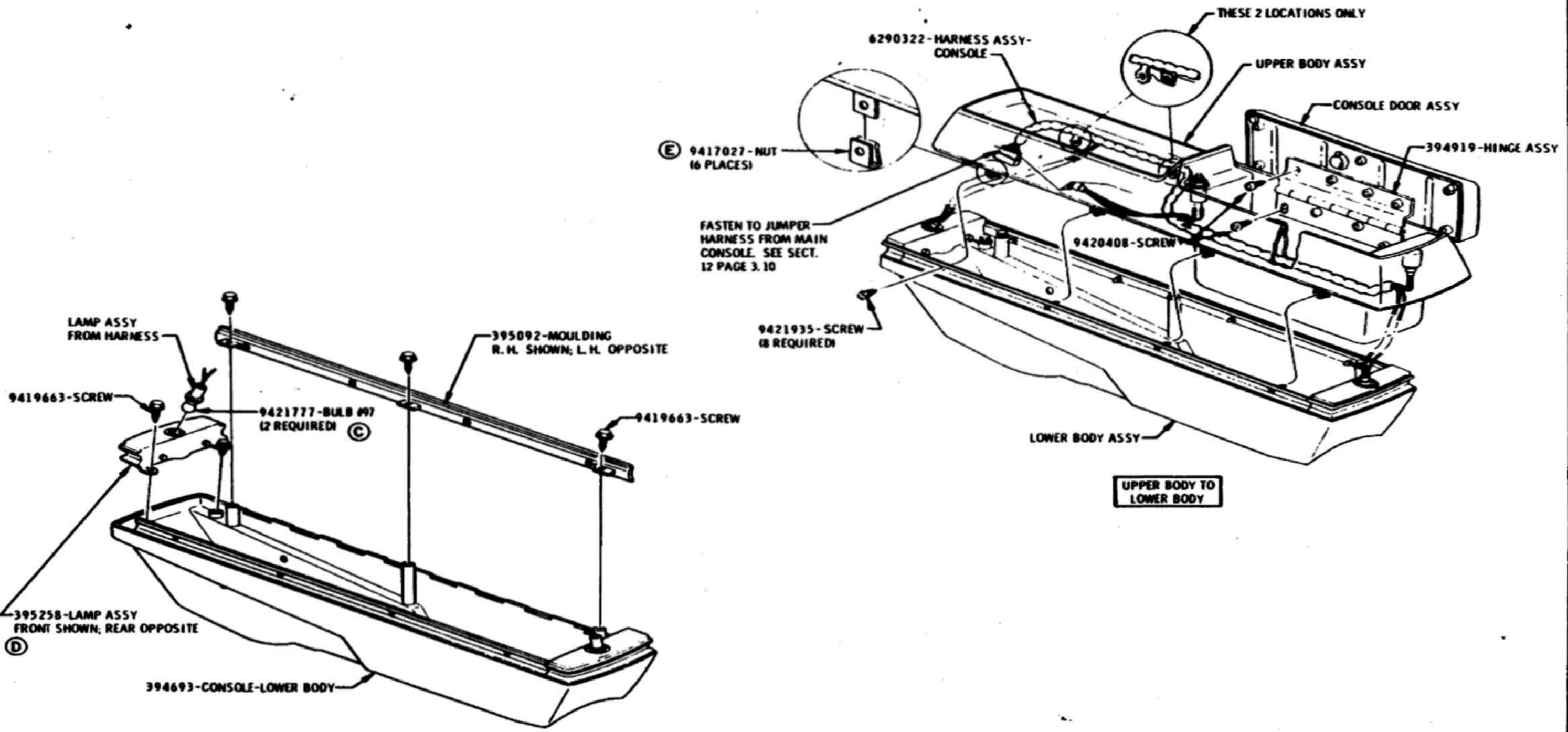


TITLE										CONSULE - 3 & 4 SPEED SHIFT						
DATE	BY	CHK	DATE	BY	CHK	DATE	BY	CHK	DATE	BY	CHK	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	
												1967		1-1	3.01	
5-8710 A NOTE REVISION										REV	82-3690	SERIES	A	PART NO 394435		
DR	CK	DATE	BY	CHK	DATE	BY	CHK	DATE	BY	CHK	DATE	BY	CHK	DATE	BY	CHK



CONSOLE TO MOUNTING BRACKETS

											TITLE		CONSOLE - 3 & 4 SPEED SHIFT								
											DATE APR 29 1965		FIRST USED		MANUAL SECTION		PAGE				
											DR BY R.E. MASON		1967		1-1		3.03				
											CHECKED		REF. BR-31650		SERIES		PART NO.				
											APPR				A		394435				
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM



LOWER BODY ASSEMBLY

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR	TITLE	YEAR USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
9-1-66	E	WAS 9422562-NUT														CONSOLE-AUTOMATIC FLOOR SHIFT	1967		1-1	3.11
8-16-66	D	REVISED TO DETAIL																		
5-21-66	C	WAS 142453-BULB #97																		
5-24-66	D	HARNES & NUTS REVISED																		
5-6-66	F	6290322-HARNES ADD'D																		

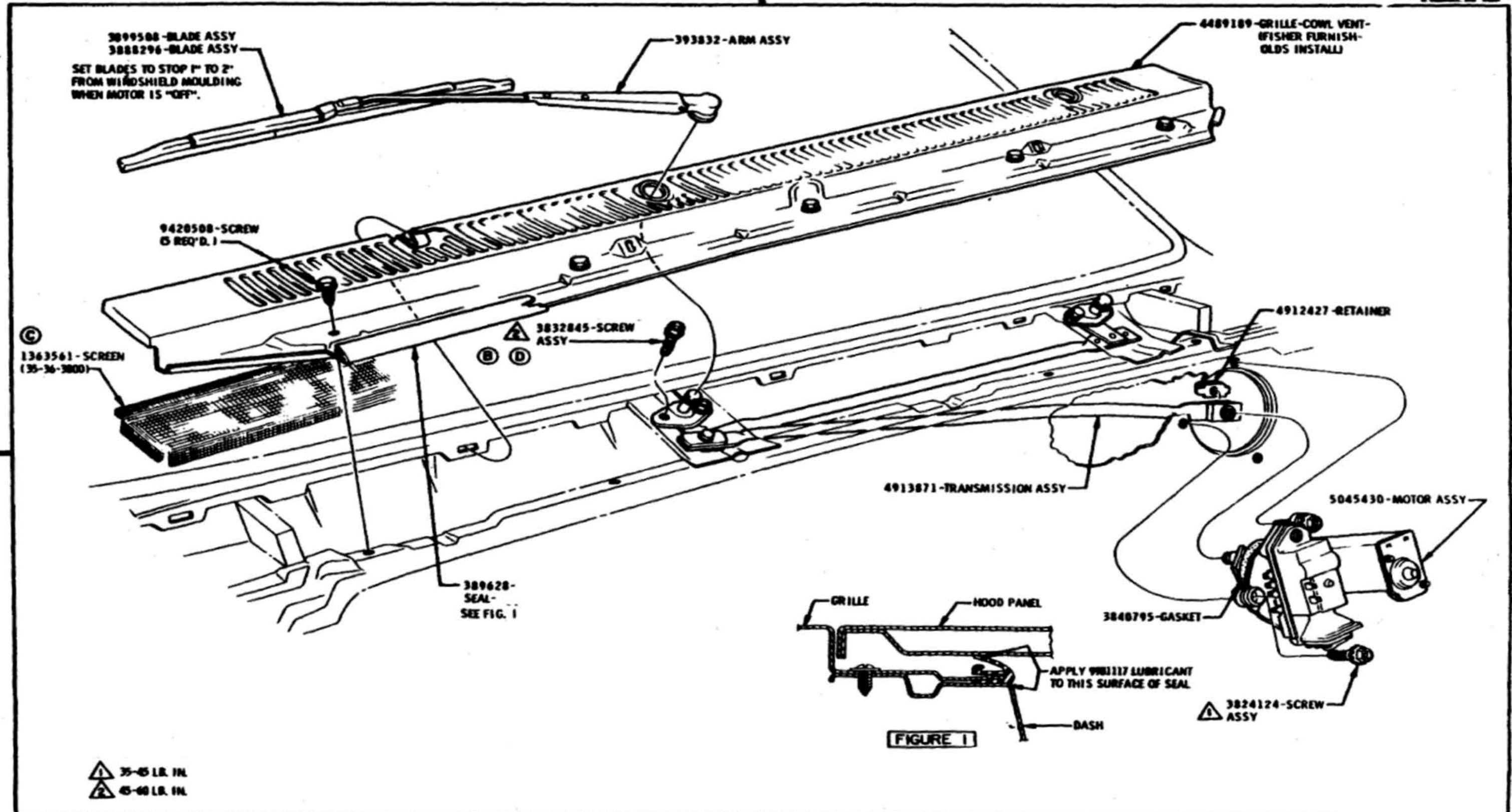
BR-37474

A

PART NO 394435

FRONT OF DASH-SECTION 1-2

1.01	WINDSHIELD WIPER AND WASHER
1.05	V8 THROTTLE CONTROL
1.10	HEATER HOLE COVERS AND GROMMETS
1.11	VACUUM TANKS, SEALING & VOLTAGE REGULATOR
1.15	AIR INLET BLOWER
2.00	AIR CONDITIONING EVAPORATOR AND P.O.A. VALVE
2.01	BLOWER TO EVAPORATOR DUCTS & RESISTOR
3.50	V8 CRUISE CONTROL SERVO



⚠ 35-45 LB. IN.
⚠ 45-60 LB. IN.

REVISION										TITLE		WINDSHIELD WIPER & WASHER						
DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	APP.	PART NO.	MANUAL SECTION	PAGE
																1967	1-2	1.01
																1 RD. 122C	A	394435

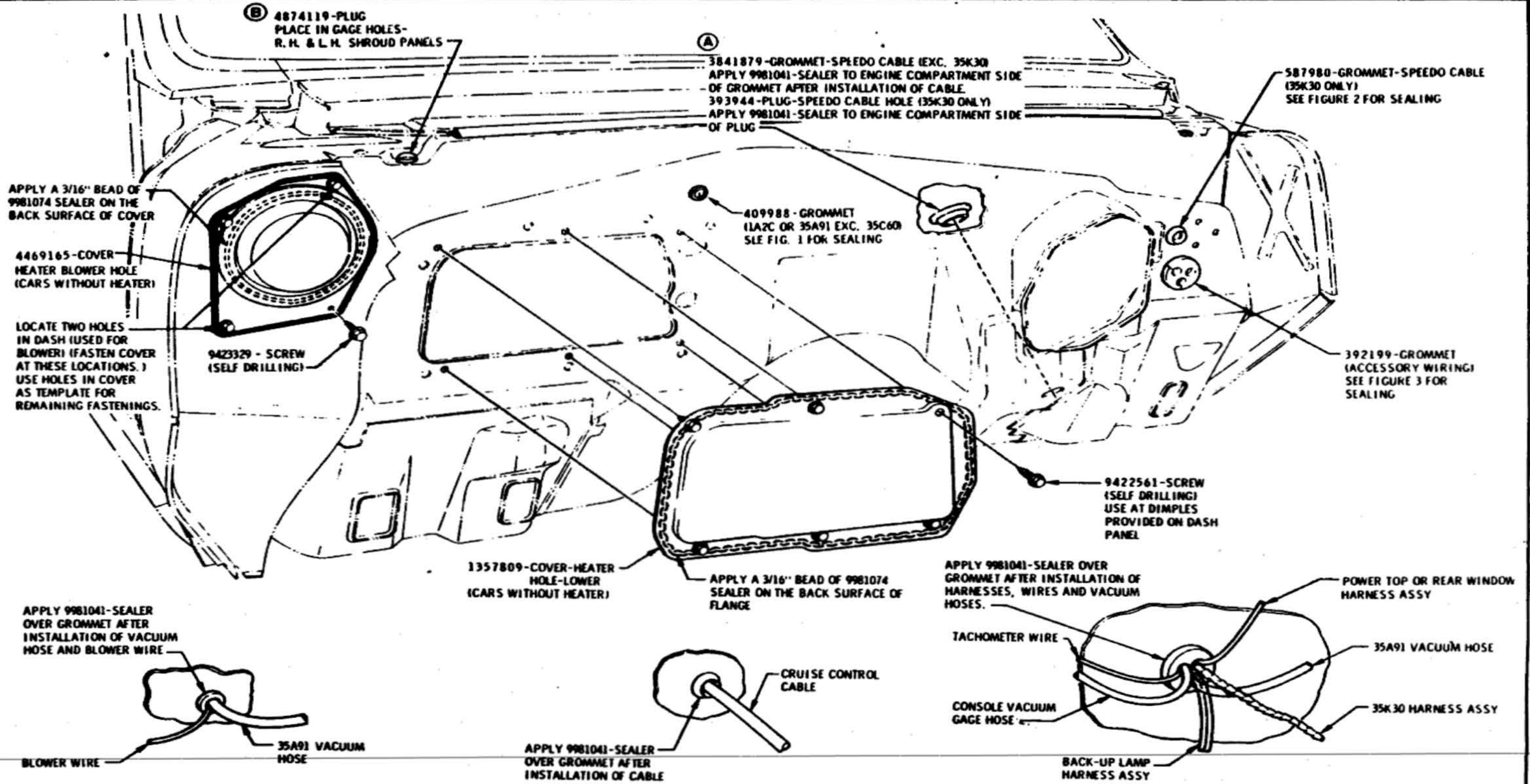


FIGURE 1

FIGURE 2

FIGURE 3

TITLE HEATER HOLE COVERS & GROMMETS														
DATE	SYN	REVISION	DR	CK	DATE	SYN	REVISION	DR	CK	DATE	SYN			
DATE <u>1-8-66</u> BY <u>B</u> WAS <u>4.7.25.94.2</u> <u>12.1.15</u> DATE <u>8-2-66</u> BY <u>A</u> NOTE REVISED										DATE <u>1-24-67</u> DR BY <u>C. V. BEACHNAU</u> CHECKED <u>TLB</u> REF	FIRST USED 1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 1-2	PAGE 1.10
										SERIES A	PART NO 394435			

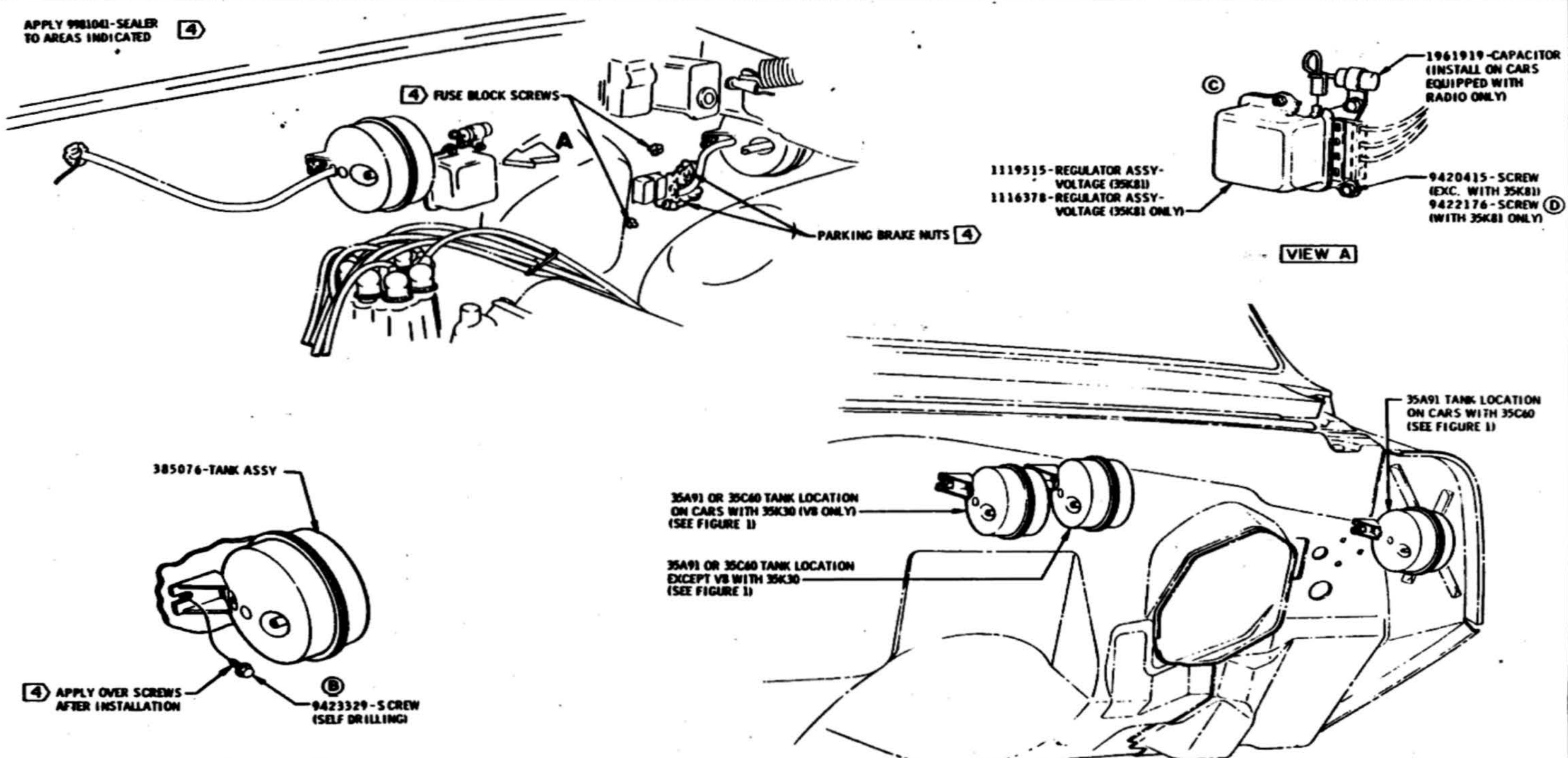
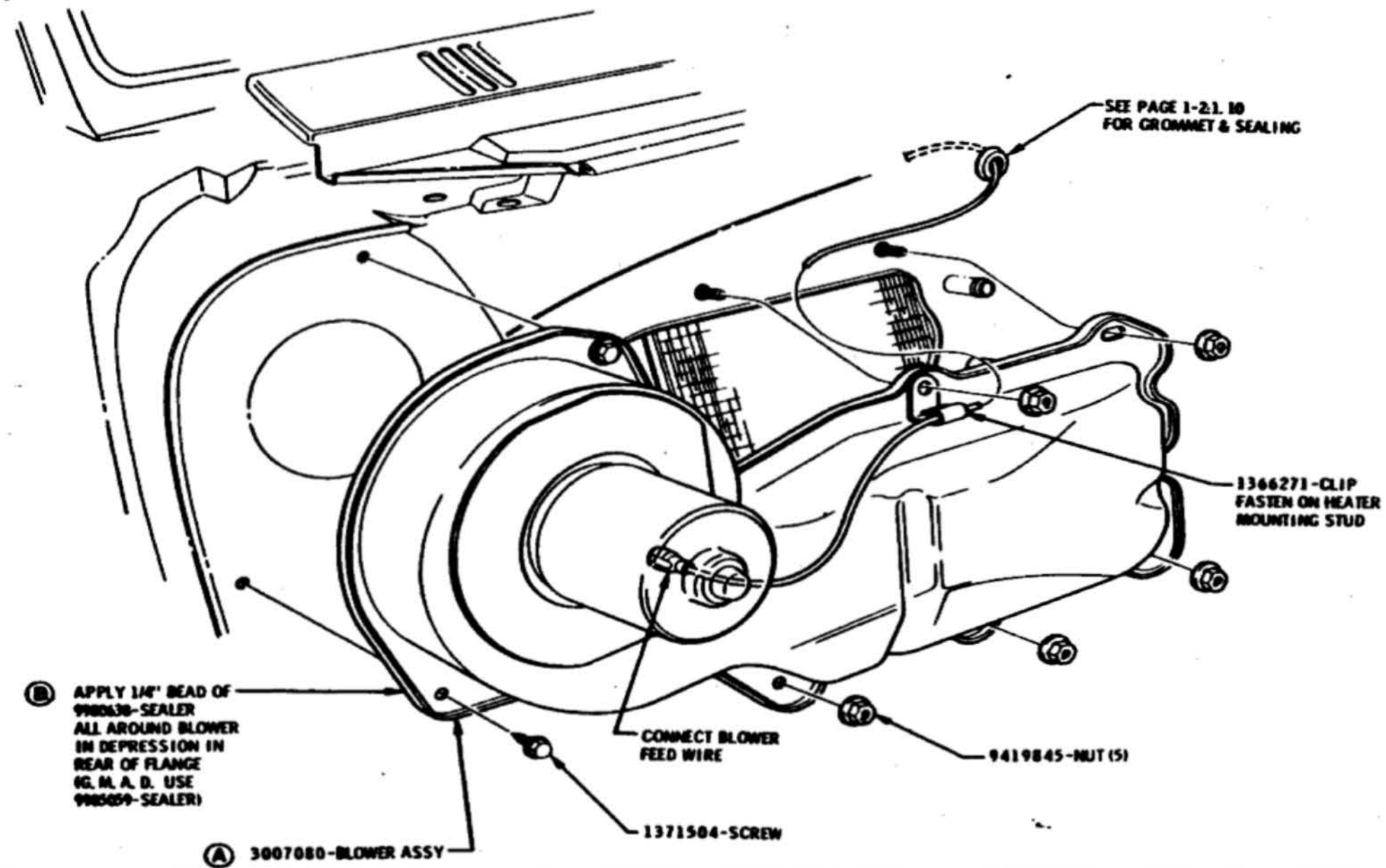


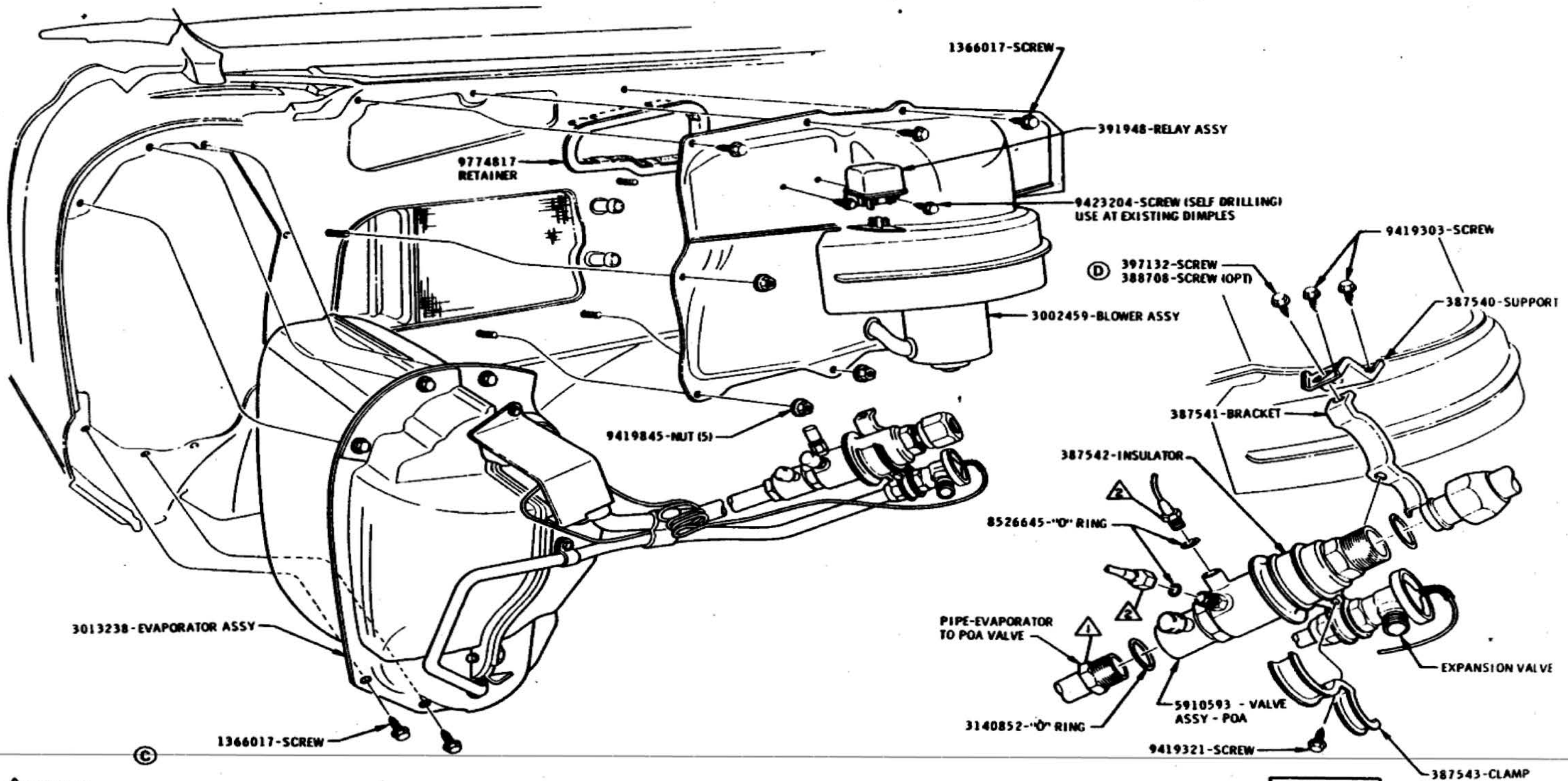
FIGURE 1

TYPICAL TANK INSTALLATION

REVISION										TITLE				PART USED		MANUAL SECTION		PAGE	
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	APPR.	1967	1-2	1.11	
					11-24-66	D	9422176-SCREW ADDED	CH	DT	DATE	11-24-66					1967			
					7-11-66	C	VIEW ADDED	U	DT	DR. BY	C. V. BEACHNAU								
					4-16-66	B	WAS 9419787 SCREW	CH	DT	CHECKED	JEN								
					9-10-66	A	NOTE REVISED	CH	DT	APPR.									
																35C60	A	394435	
																35A91			



										TITLE AIR INLET BLOWER							
										DATE	PROJECT YEAR	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE			
										1967	1967		1-2	1.15			
E.N. G.B. NOTE REVISED E.B. G.A. WA 3007080 - BLOWER ASSY										DR BY	CHECKED						
										MR. E. SOLTNER	RET.	IAZC	SERIES	PART NO.			
													A	394435			
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION



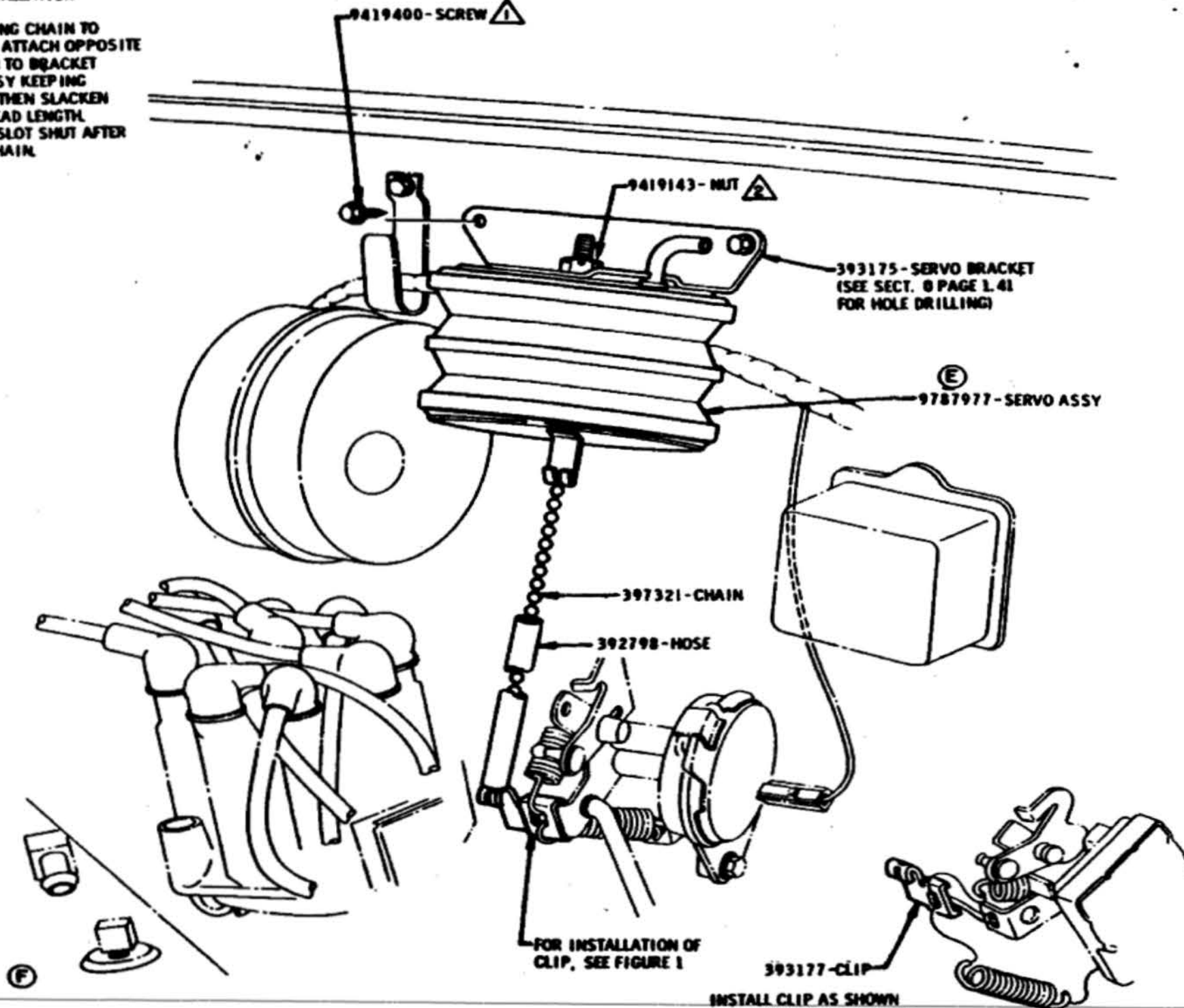
POA VALVE
INSTALLATION

2 5-7 LB. FT.
 1 28-33 LB. FT.
 C E

										7-12-66 E TORQUES ADDED		DATE <u>JAN 17 1966</u>			FIRST USED		OLDSMOBILE PRODUCT		MANUAL SECTION		PAGE	
										4-7-66 D WAS 9419316-SCREW			DR. BY <u>E. V. BEACHNAU</u>		1967		INFORMATION MANUAL		1-2		2.00	
										5-16-66 C TORQUES REMOVED			CHECKED <u>THU</u>									
										5-16-66 B WAS 3002719 EVAP			APPR <u>K E Malhotra</u>									
										5-2-66 A WAS 5910508 VALVE			APPR <u>Ed J...</u>		35C60		SERIES		PART NO		394435	
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR							

CHAIN INSTALLATION

AFTER SECURING CHAIN TO LEVER ASSY. ATTACH OPPOSITE END OF CHAIN TO BRACKET ON SERVO ASSY KEEPING CHAIN TAUT, THEN SLACKEN CHAIN ONE BEAD LENGTH. CRIMP EACH SLOT SHUT AFTER INSERTING CHAIN.



FOR INSTALLATION OF CLIP, SEE FIGURE 1

INSTALL CLIP AS SHOWN UNDER EXISTING THROTTLE CONTROL SPRINGS

FIGURE 1

- ① 15 - 25 LB. IN.
- ② 48 - 84 LB. IN.

				E WAS 397320 - SERVO ASSY				TITLE				38K30 SERVO MOUNTING (V8)							
				D VIEW REMOVED				DATE				1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE	
				C WAS 393170 CHAIN				BY C. V. BECHMAN						1-2		3.50			
				B WAS 395105 SERVO				CHECKED											
				A NOSE ADDED				BY											
				REVISIONS ADDED				BY											
DATE	BY	REVISION	OR. CK.	DATE	BY	REVISION	OR. CK.	DATE	BY	REVISION	OR. CK.	DATE	BY	REVISION	OR. CK.	DATE	BY	REVISION	OR. CK.
												SERIES		PART NO.					
												A		394435					

INSTRUMENT PANEL PARTS - SECTION I-3

0.10	INSTRUMENT CLUSTER USAGE CHART
1.01	PAD ASSEMBLY TO CLUSTER ASSEMBLY
1.02	NAME PLATE, SWITCHES & CONTROLS
1.03	COVERS AND CLOCK ASSEMBLY
1.04	ACCESSORY SWITCHES AND ESCUTCHEONS
1.05	ASH TRAY
1.06	ASSEMBLY OF GLOVE BOX
1.07	GLOVE BOX, LAMP AND SWITCHES
1.08	HEATER CONTROL
1.09	SUPPORTS AND CLUSTER & PAD ASSY TO PANEL
2.01	AIR CONDITIONING HEATER CONTROL
2.02	AIR CONDITIONING DUCTS AND CENTER OUTLET
3.20	RADIO AND SPEAKER

OLDSMOBILE DIVISION

GENERAL MOTORS CORPORATION
LANSING -- MICHIGAN

U18 EXPORT KILOS CLUSTER ONLY									MILES CLUSTERS - (EXCEPT U18 EXPORT KILOS OPTION)																					
CKD.	CKD.	CKD.	CKD.	SUP.	SUP.	SUP.	SUP.		U11 WITH M31, M33, M34 EXCEPT D55.	U11 WITH M33, M34, M40 WITH D55.	U11 EXCEPT M31, M33, M34, M40.	U11 WITH M40 EXCEPT D55	U15 WITH M31, M33, M34 EXCEPT D55.	U15 WITH M40 EXCEPT D55	U15 EXCEPT M31, M33, M34, M40.	U15 WITH M33, M34, M40 WITH D55.	U21 WITH M33, M34 EXCEPT D55.	U21 WITH M40 EXCEPT D55	U21 WITH M33, M34, M40 WITH D55.	U21 EXCEPT M33, M34, M40.	ⓐ	ⓐ	ⓐ	ⓐ	M31, M33, M34 EXCEPT D55.	M40 EXCEPT D55	M33, M34, M40 WITH D55.	STG.		
33300	--	--	--	--	RK	RJ	--	--	RA	--	RB	--	RG	--	RH	--	--	--	--	--	--	--	--	--	--	--	RC	--	--	RE
33407	--	--	--	--	RK	RJ	--	--	RA	--	RB	RW	RG	--	RH	--	RN	--	--	RT	--	--	--	--	--	RC	--	--	RE	
33435	--	--	--	--	RK	RJ	--	--	RA	--	RB	--	RG	--	RH	--	RN	--	--	RT	--	--	--	--	--	RC	--	--	RE	
33465	--	--	--	--	RK	RJ	--	RS	RA	--	RB	RW	RG	RR	RH	--	RN	RU	--	RT	--	--	--	--	RC	RP	--	RI		
33469	--	--	--	--	RK	RJ	--	--	RA	--	RB	RW	RG	--	RH	--	RN	--	--	RT	--	--	--	--	RC	--	--	RI		
33517	RK	RJ	--	--	RK	RJ	--	--	RA	--	RB	--	RG	--	RH	--	--	--	--	--	--	--	--	--	RC	--	--	RI		
33535	--	--	--	--	RK	RJ	--	--	RA	--	RB	--	RG	--	RH	--	--	--	--	--	--	--	--	--	RC	--	--	RI		
33539	RK	RJ	--	--	RK	RJ	--	--	RA	--	RB	--	RG	--	RH	--	--	--	--	--	--	--	--	--	RC	--	--	RI		
33567	--	--	--	--	RK	RJ	--	--	--	--	--	--	RG	--	RH	--	--	--	--	--	--	--	--	--	RC	--	--	RI		
33569	--	--	--	--	RK	RJ	--	--	RA	--	RB	--	RG	--	RH	--	--	--	--	--	--	--	--	--	RC	--	--	RI		
33617	--	--	--	--	RK	RJ	--	--	RA	--	RB	RW	RG	--	RH	--	RN	--	--	RT	--	--	--	--	RC	--	--	RI		
33635	--	--	--	--	RK	RJ	--	--	RA	--	RB	--	RG	--	RH	--	RN	--	--	RT	--	--	--	--	RC	--	--	RI		
33639	RK	RJ	--	--	RK	RJ	--	--	RA	--	RB	RW	RG	--	RH	--	RN	--	--	RT	--	--	--	--	RC	--	--	RI		
33667	--	--	--	--	RK	RJ	--	--	--	--	--	--	RG	--	RH	--	RN	--	--	RT	--	--	--	--	RC	--	--	RI		
33669	RK	RJ	--	--	RK	RJ	--	--	RA	--	RB	RW	RG	--	RH	--	RN	--	--	RT	--	--	--	--	RC	--	--	RI		
33807	--	--	--	--	RK	RJ	RK	RS	RA	RB	RB	RW	RG	RR	RH	RH	RN	RU	RT	RT	--	--	--	--	RC	RP	KI	KI		
33817	RK	RJ	RK	RS	RK	RJ	RK	RS	RA	RB	RB	RW	RG	RR	RH	RH	RN	RU	RT	RT	--	--	--	--	RC	RP	KI	KI		
33839	RK	RJ	--	--	RK	RJ	--	--	RA	--	RB	RW	RG	--	RH	--	RN	--	--	RT	--	--	--	--	RC	--	--	KI		
33855	--	--	--	--	RK	RJ	--	RS	RA	--	RB	RW	RG	RR	RH	--	RN	RU	--	RT	--	--	--	RC	RP	--	KI			
33865	--	--	--	--	RK	RJ	--	RS	RA	--	RB	RW	RG	RR	RH	--	RN	RU	--	RT	--	--	--	RC	RP	--	KI			
33867	--	--	--	--	RK	RJ	RK	RS	--	--	--	--	RG	RR	RH	RH	RN	RU	RT	RT	--	--	--	--	RC	RP	RL	KI		
33869	--	--	--	--	RK	RJ	--	--	RA	--	RB	RW	RG	--	RH	--	RN	--	--	RT	--	--	--	--	RC	--	--	KI		

IDENT. CODE	PART NO.	CALIB.	IDENT. CODE	PART NO.	CALIB.
RA	6459160	MILES	RN	6459166	MILES
RB	6459161	MILES	RP	6459387	MILES
RC	6459156	MILES	RR	6459388	MILES
RE	6459158	MILES	RS	6459389	KILOS*
RG	6459162	MILES	RT	6459167	MILES
RH	6459163	MILES	RU	6459390	MILES
RJ	6459164	KILOS*	RW	6459759	MILES
RK	6459165	KILOS*			

OPTION CODE DESIGNATIONS

D55 IS FRONT COMPARTMENT CONSOLE.
M31 IS JETAWAY TRANSMISSION FOR L6 ENGINE.
M33 IS JETAWAY TRANSMISSION (2 SPEED) FOR 330 CUBIC INCH ENGINE.
M34 IS HEAVY DUTY TRANSMISSION (2 SPEED) FOR 330 CUBIC INCH ENGINE.
M40 IS AUTOMATIC TRANSMISSION (3 SPEED) FOR 330 & 399.5 CUBIC INCH ENGINES.
U11 IS CERTIFIED (POLICE) INSTRUMENT CLUSTER.
U15 IS SAFETY SENTINEL.
U21 IS INSTRUMENT CLUSTER - RALLY PACK.
97 & 98U18 ARE EXPORT KILOS CLUSTER.

TO READ CHART:

READING CHART FROM LEFT TO RIGHT, THE FIRST OPTION REACHED THAT IS SATISFIED WILL INDICATE THE CLUSTER TO BE USED ON THE MODEL CONSIDERED. IF NONE OF THE CONDITIONS ABOVE ARE SATISFIED, THE LAST COLUMN IS STANDARD EQUIPMENT AND THAT COLUMN WILL INDICATE THE CLUSTER TO BE USED ON THAT MODEL.

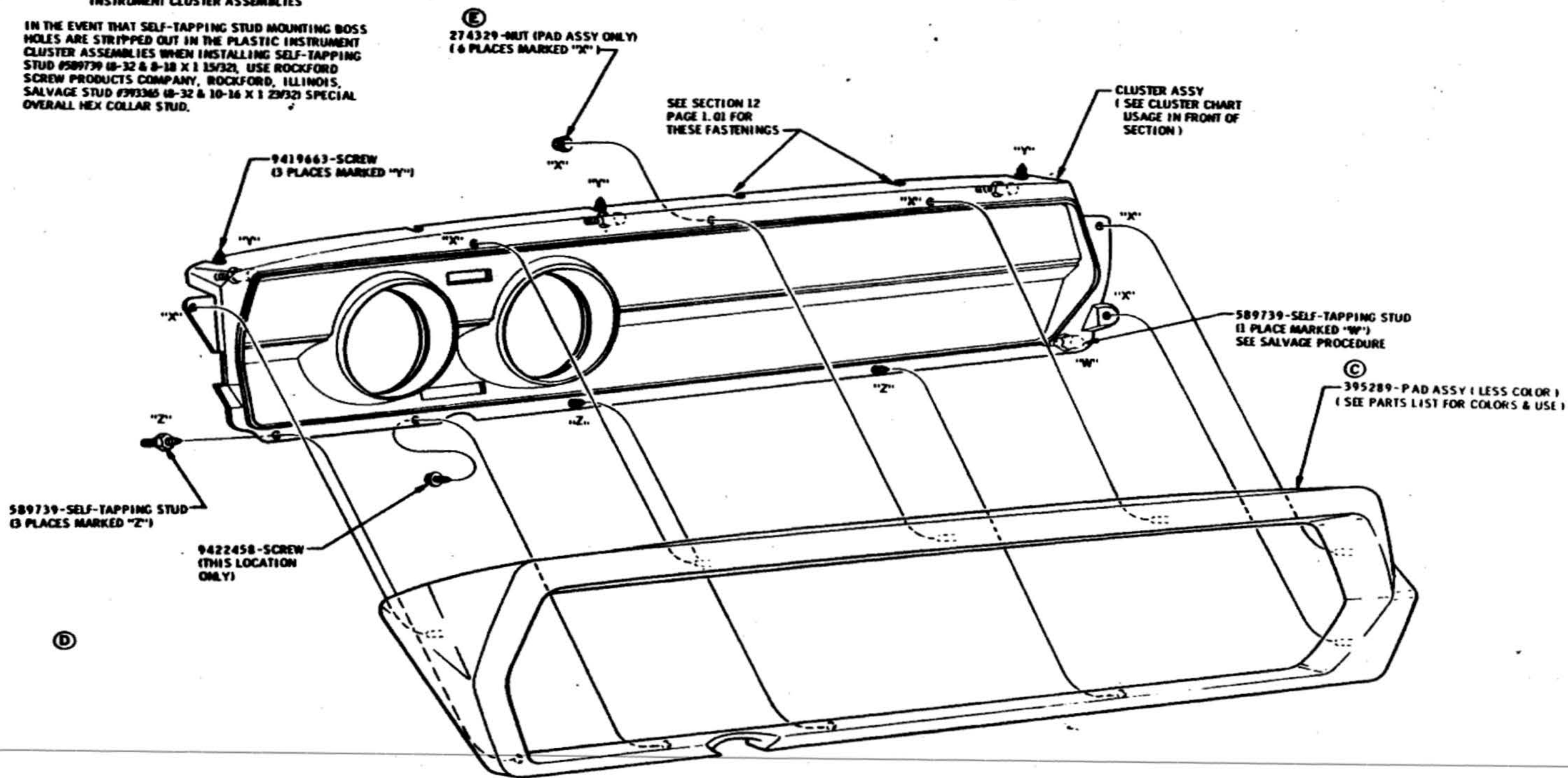
*KILOS CLUSTERS ARE ALL SAFETY SENTINEL (1967)

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																					CHART - INSTRUMENT CLUSTER USAGE	1967		1-3	0.10
																					SERIES	A	PART NO.	396910	

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING -- MICHIGAN

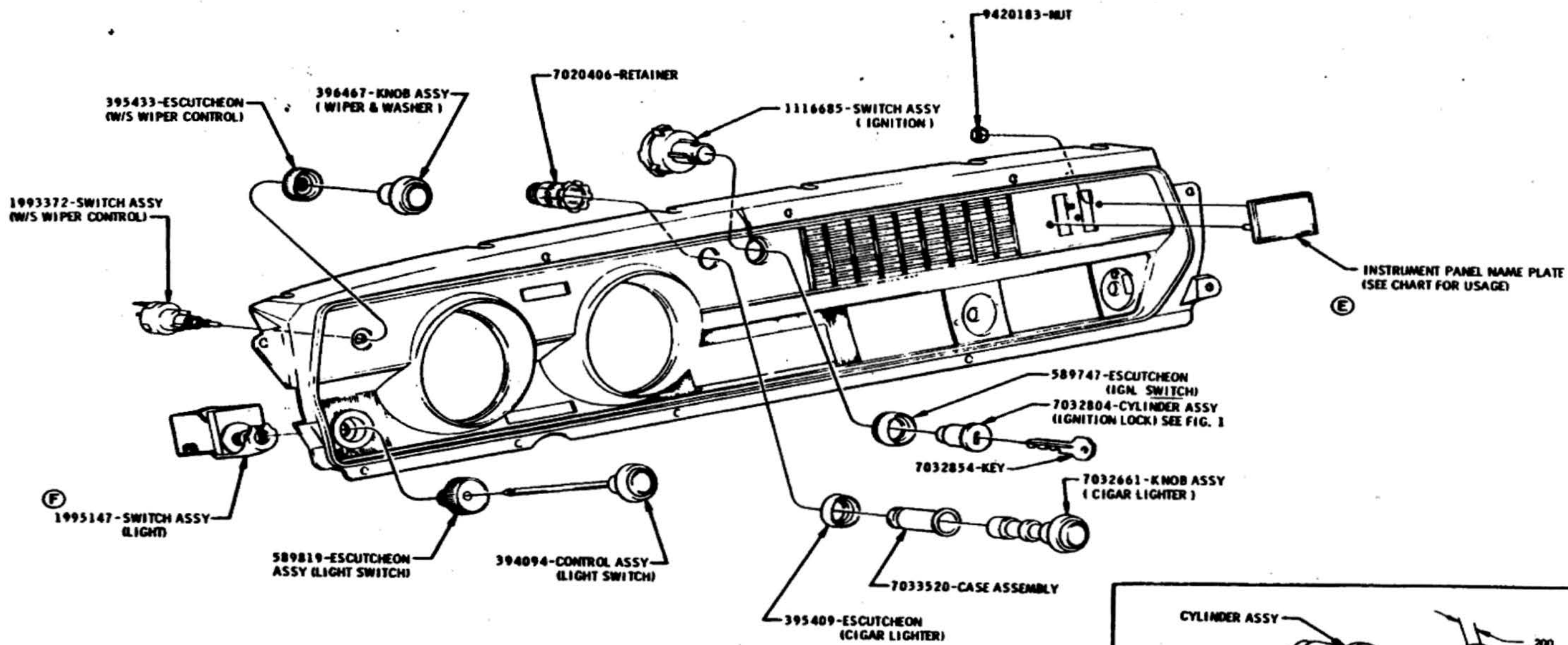
**SALVAGE PROCEDURE FOR 1967
INSTRUMENT CLUSTER ASSEMBLIES**

IN THE EVENT THAT SELF-TAPPING STUD MOUNTING BOSS HOLES ARE STRIPPED OUT IN THE PLASTIC INSTRUMENT CLUSTER ASSEMBLIES WHEN INSTALLING SELF-TAPPING STUD #589739 (8-32 & 8-18 X 1 15/32), USE ROCKFORD SCREW PRODUCTS COMPANY, ROCKFORD, ILLINOIS, SALVAGE STUD #393365 (8-32 & 10-16 X 1 29/32) SPECIAL OVERALL HEX COLLAR STUD.



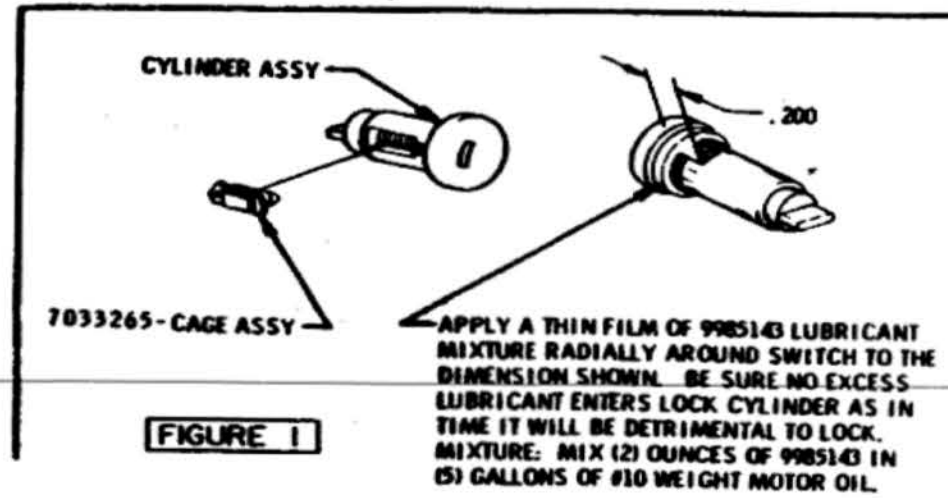
DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	APP	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	
3-20-67		E					WAS 274329-NUT									PAD ASSEMBLY TO CLUSTER ASSEMBLY	1967		1-3	1.01	
8-8-66		D					CLUSTER CHART CHANGED														
9-17-66		C					WAS 5892281 PAD ASSY														
8-22-66		B					WAS 395289-PAD ASSY														
1-29-66		A					35021 & 35022 INFO ADDED														

SERIES **A** PART NO. **394435**

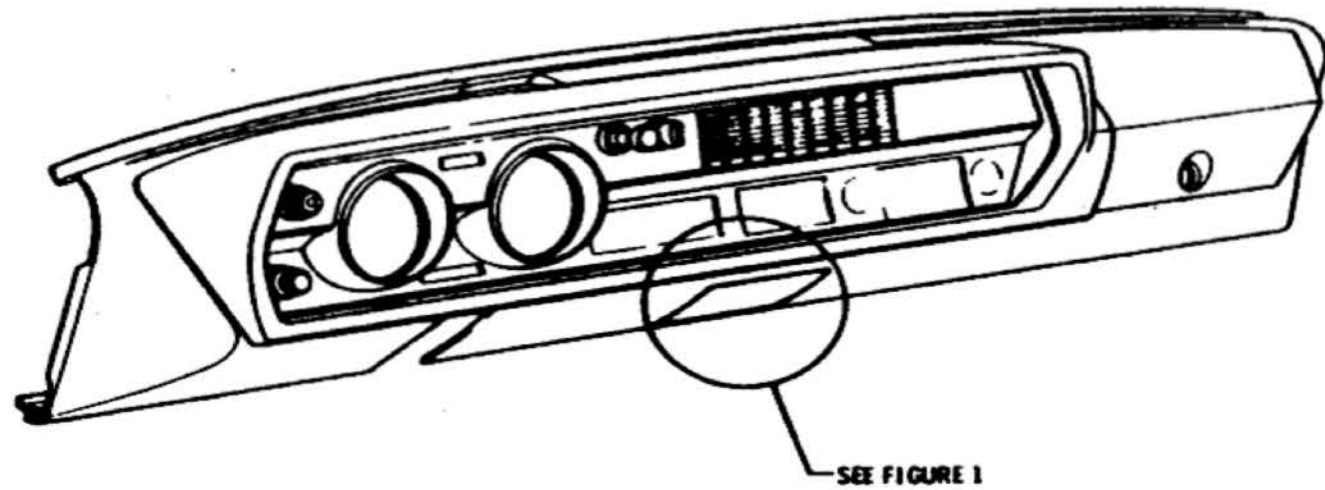


(G) INSTRUMENT PANEL NAME PLATE USAGE CHART

PLATE NUMBER	PLATE USAGE
395161	(F-85) 3000-3400 (EXCEPT 3465)
395163	(VISTA CRUISER) 3465-3855-3865
395164	(CUTLASS) 3000-3400
395165	(CUTLASS SUPREME) 3000 (EXCEPT VISTA CRUISER) (EXCEPT 35W-29)
395166	(462) 3817-3867-3867 (WITH 35W-29 ONLY)



DATE				BYM				REVISION				REVISION				REVISION				REVISION											
												S-314 E CHART REV. (NOTE REV)				S-314 D WAS 116672 SWITCH ASSY				S-314 C WAS 35406-1400 (F-85)				S-314 B WAS 7020406/RETAINER ASSY				S-314 A WAS 7020406 CASE ASSY			
												DATE				DATE				DATE				DATE							
												BY				BY				BY				BY							
												TITLE NAME PLATE, SWITCHES & CONTROLS				PART YEAR 1967				OLDSMOBILE PRODUCT INFORMATION MANUAL				MANUAL SECTION 1-3				PAGE 1.02			
												APPROVED				APPROVED				APPROVED				APPROVED							
												PART NO. 394435				SERIES A				PART NO. 394435											



SEE FIGURE 1

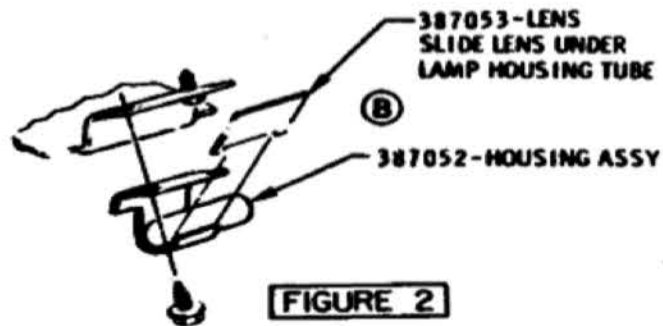


FIGURE 2

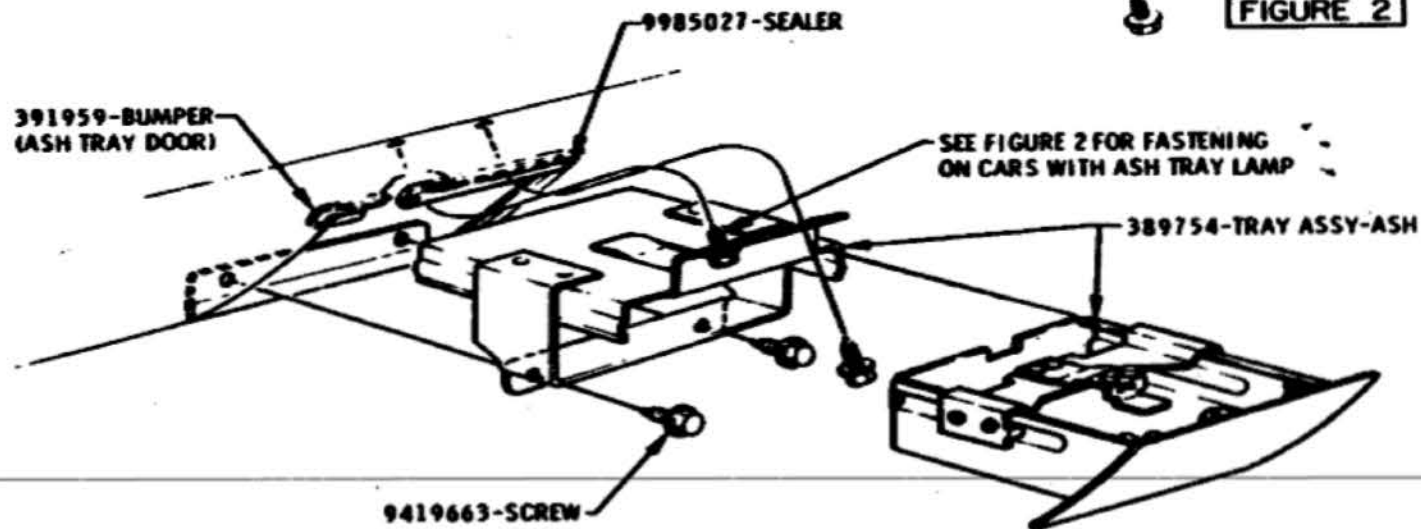
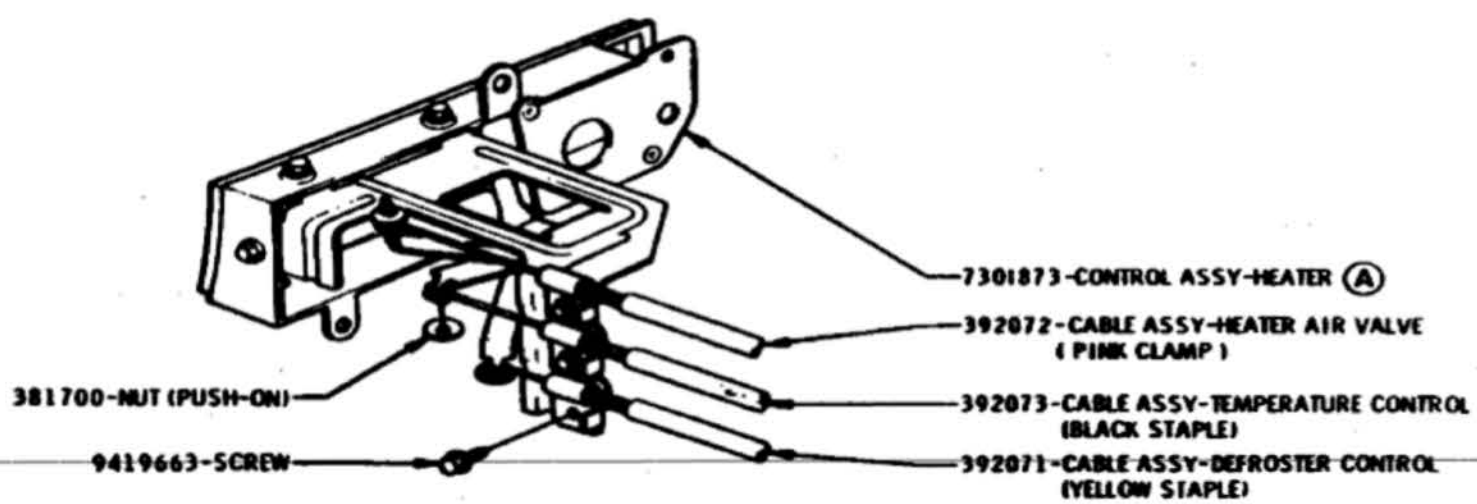
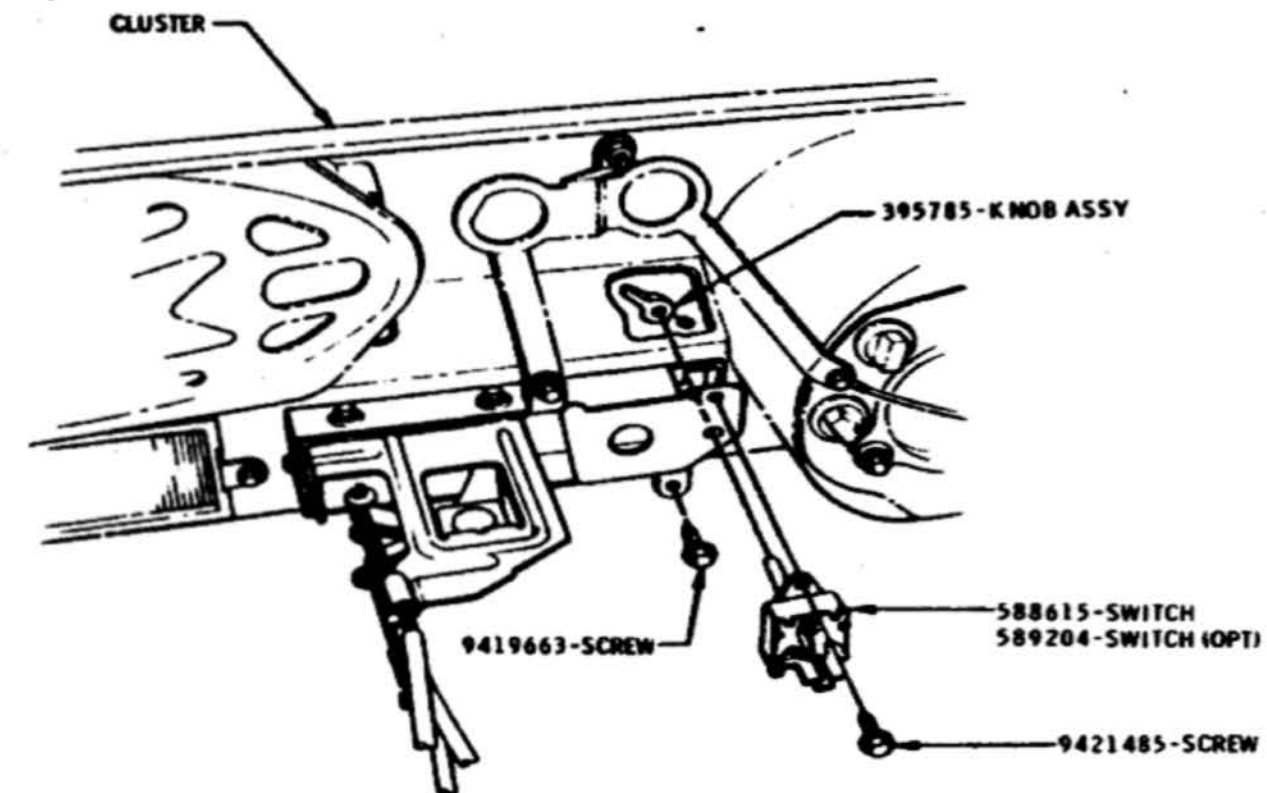


FIGURE 1

ASH TRAY INSTALLATION

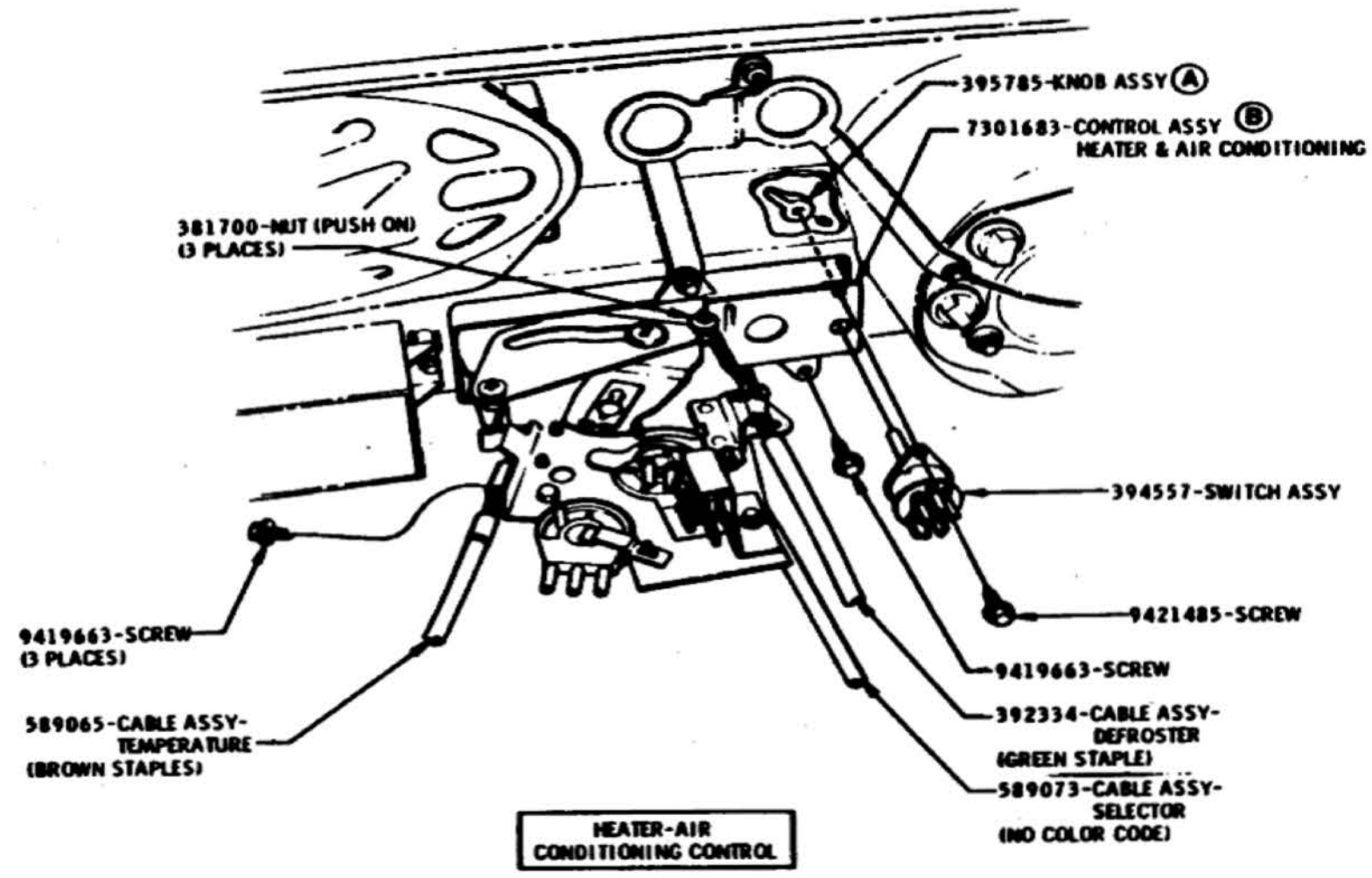
					TITLE INSTRUMENT PANEL ASH TRAY					
					DATE	FIRST USED	OLDSMOBILE PRODUCT		MANUAL SECTION	PAGE
					JAN. 19, 1966	1967	INFORMATION MANUAL		1-3	1.05
					DR BY					
					9 FESTEER					
					CHECKED					
					TS					
					APP					
					REF					
							SERIES		PART	
							A		NO	394435

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING — MICHIGAN

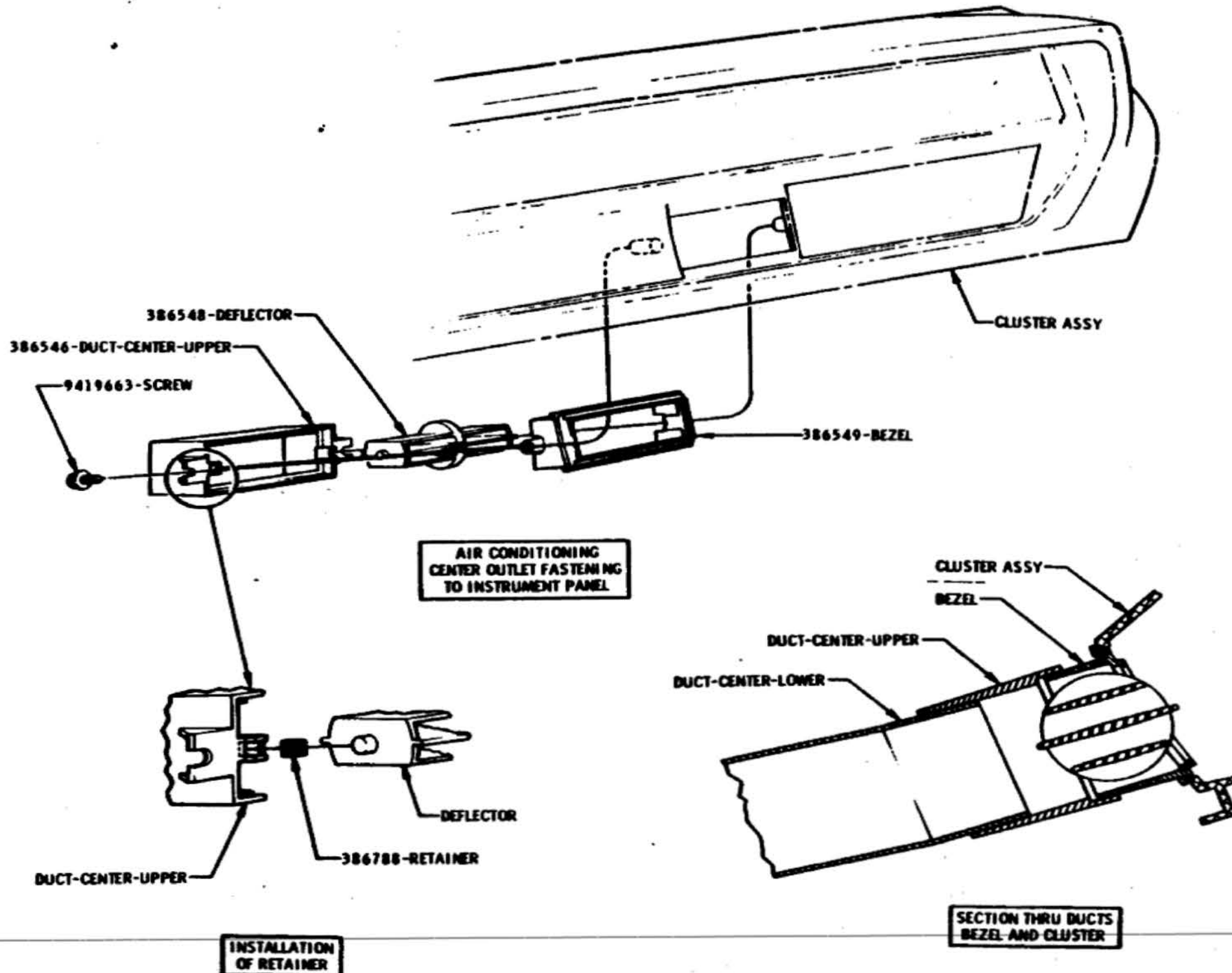


TYPICAL CABLE FASTENING
TO HEATER CONTROL

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																		INSTRUMENT PANEL HEATER CONTROL	1967		1-3	1.08
																				RET. 1A2C	SERIES	PART NO.
																					A	394435



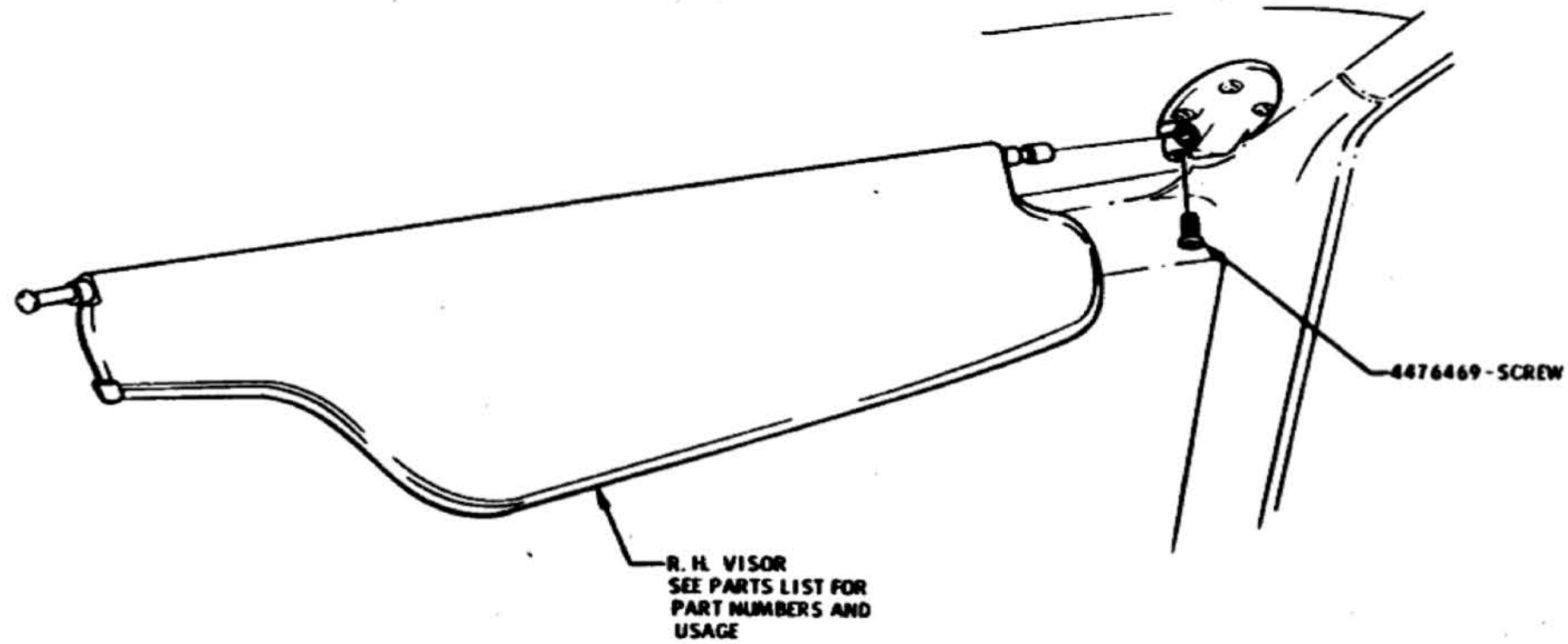
TITLE INSTRUMENT PANEL AIR CONDITIONING CONTROL												
					DATE <i>JAN 13 1966</i>		FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 1-3	
					DR BY <i>G. KESTER</i>		CHECKED <i>[Signature]</i>		REV. <i>35C60</i>		PAGE 2.01	
					<i>4-66 B WAS 7289673 CONTROL</i>		<i>5-66 A HAS 870883 KNOB</i>		SERIES A		PART NO. 394435	
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APP.		



TITLE AIR CONDITIONING DUCTS										FIRST USED		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE			
DATE <i>MAY 13 1966</i>										1967		1-3		2.02					
DR. BY <i>G. KESTER</i>										REF <i>3560</i>		SERIES <i>A</i>		PART NO. <i>394435</i>					
CHECKED <i>[Signature]</i>										REF <i>35016</i>									
APPR <i>[Signature]</i>																			
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK

MISCELLANEOUS BODY PARTS - SECTION I-4

- 1.01 FRONT FLOOR, SEAT & DOOR EDGE PROTECTOR COVERS
- 1.05 R.H. SUN VISOR
- 1.20 STATION WAGON LUGGAGE CARRIER (EXCEPT VISTA CRUISER)
- 1.22 VISTA CRUISER STATION WAGON LUGGAGE PLATFORM
- 1.30 INSIDE REAR VIEW MIRROR
- 1.31 VISOR VANITY MIRROR
- 1.32 OUTSIDE REAR VIEW MIRROR
- 1.33 REMOTE CONTROL MIRROR
- 3.20 MANUAL RADIO ANTENNA
- 3.21 ELECTRIC ANTENNA (EXCEPT STATION WAGON)
- 3.22 STATION WAGON ELECTRIC ANTENNA
- 3.23 REAR SEAT SPEAKER (EXCEPT STATION WAGON)
- 3.24 STATION WAGON REAR SEAT SPEAKER
- 3.40 REAR WINDOW DEFOGGER
- 3.45 DOOR EDGE GUARDS

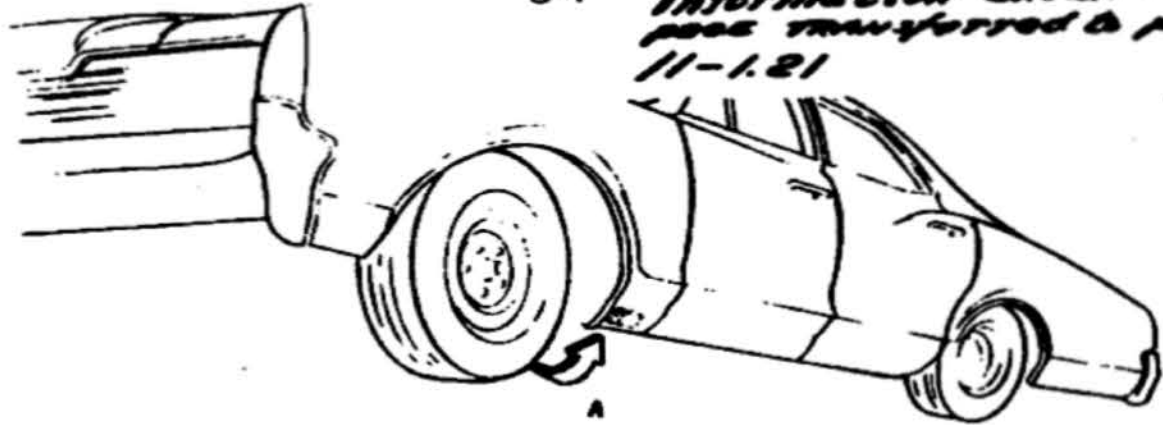
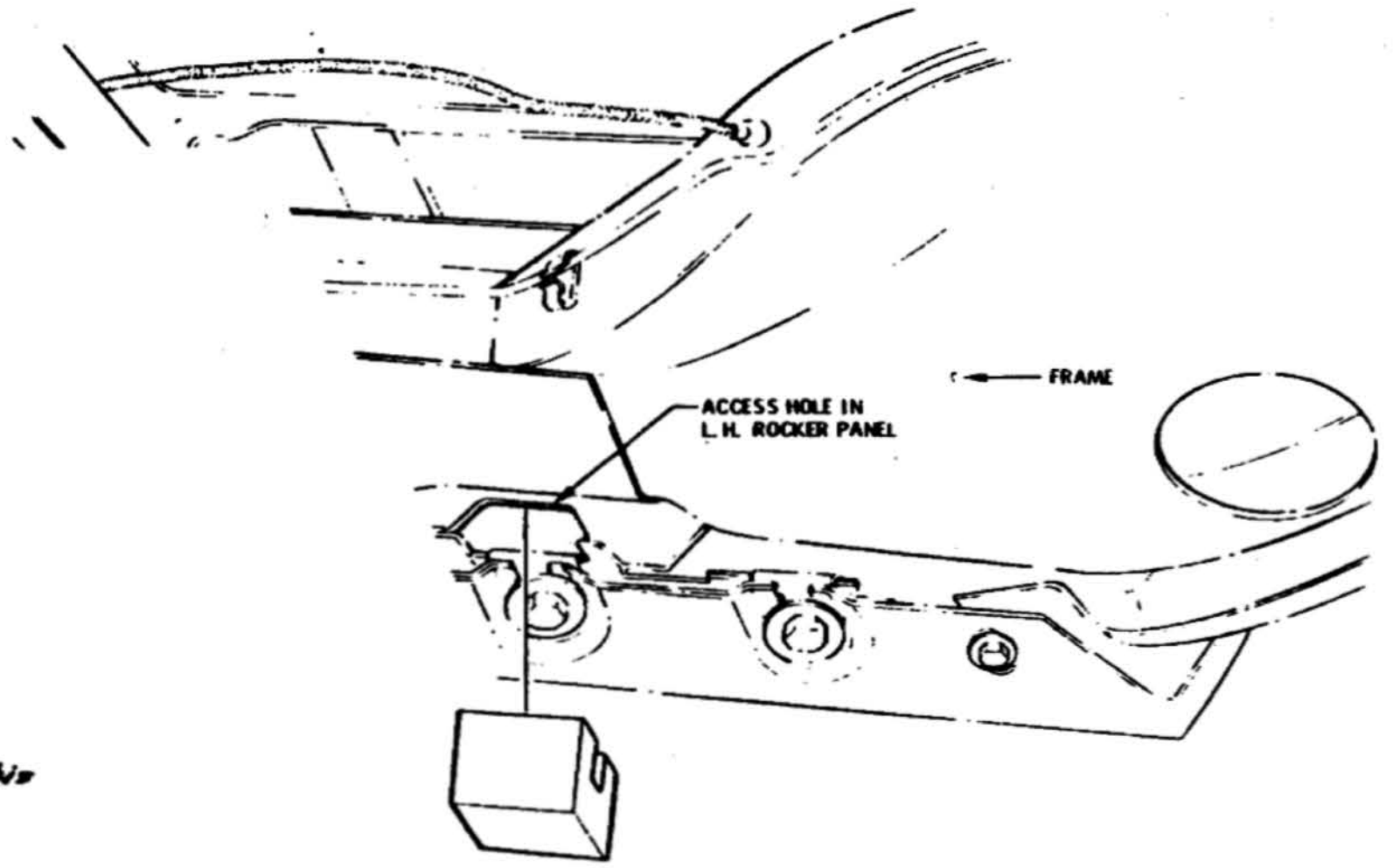


										TITLE		R. H. SUN VISOR							
										DATE <i>MAY 9, 1966</i>		FIRST USED		OLDSMOBILE PRODUCT		MANUAL SECTION		PAGE	
										OR BY <i>B. PARKER</i>		1967		INFORMATION MANUAL		1-4		1.05	
										CHECKED <i>JE</i>		REV.		SERIES		PART NO.			
										APPV <i>R. H. ...</i>		1675		A R-C-F		301135-6-7			

Cancelled

Signed *D. Titus* Date *10-4-66*

Information shown on this page transferred to page 11-1.21



								TITLE ROCKER PANEL ACCESS HOLE PLUG						
								DATE <i>10-28-66</i>	FIRST USED	OLDSMOBILE PRODUCT	MANUAL SECTION	PAGE		
								DR BY C.V. BEACHNAU	1967	INFORMATION MANUAL	1-4	1.10		
								CHECKED <i>Titus</i>	REF.	SERIES	PART NO.			
								APPR. <i>Titus</i>	<i>1967</i>	A	394435			
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK

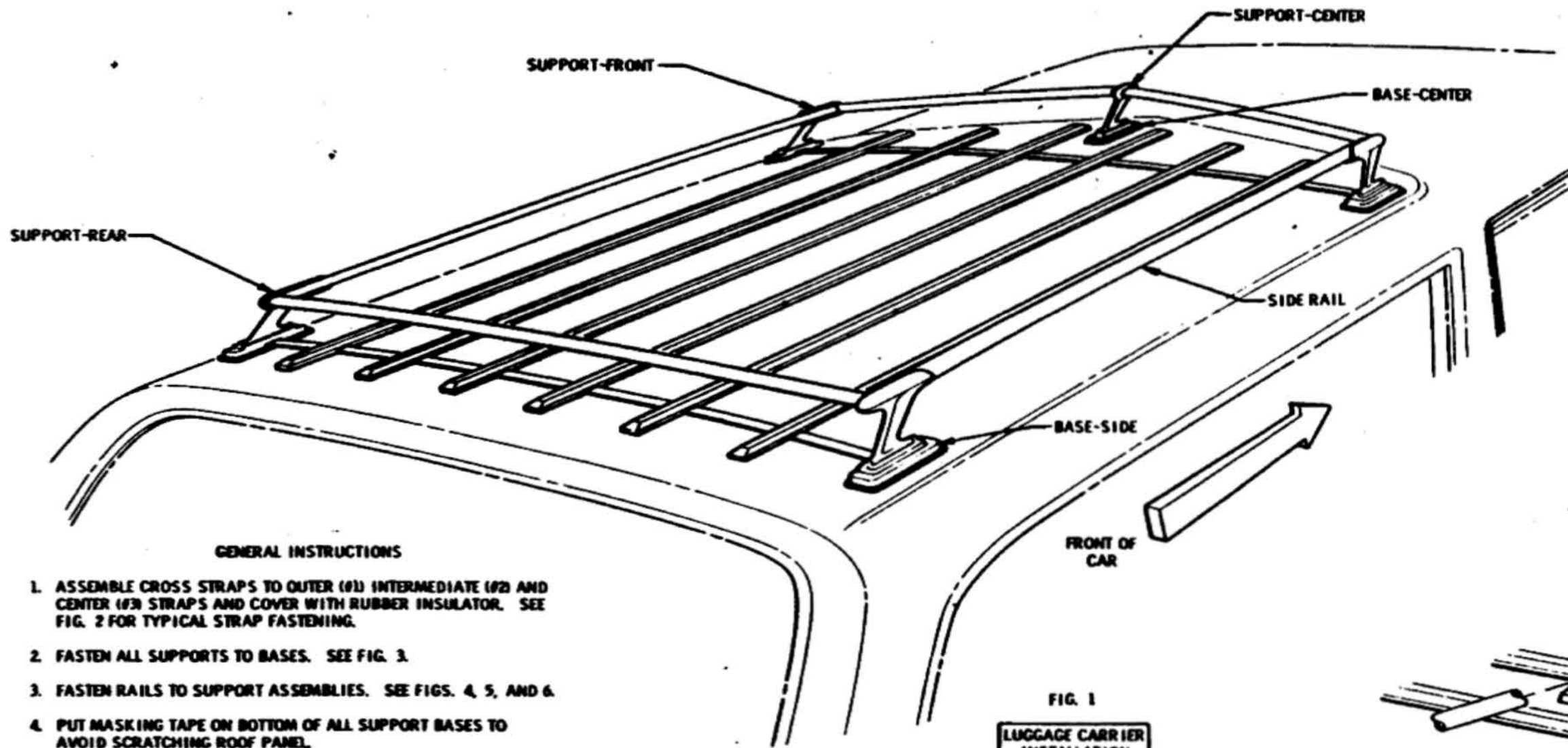


FIG. 1
LUGGAGE CARRIER
INSTALLATION

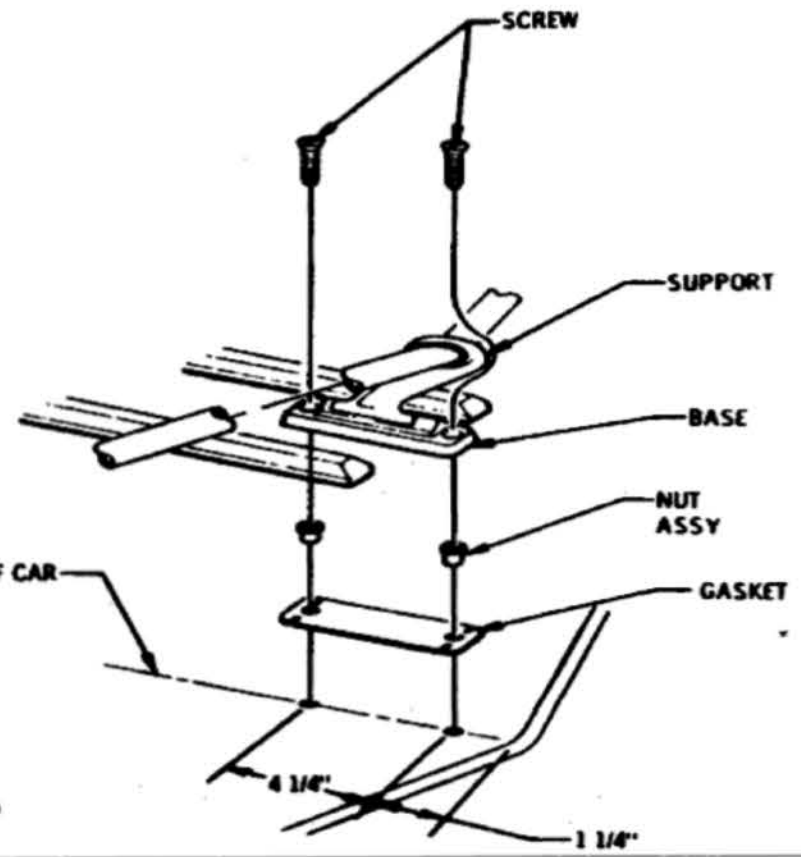


FIG. 7
FASTENING CENTER
SUPPORT AND BASE TO ROOF

EXCEPT VISTA CRUISER

- GENERAL INSTRUCTIONS**
1. ASSEMBLE CROSS STRAPS TO OUTER (#1) INTERMEDIATE (#2) AND CENTER (#3) STRAPS AND COVER WITH RUBBER INSULATOR. SEE FIG. 2 FOR TYPICAL STRAP FASTENING.
 2. FASTEN ALL SUPPORTS TO BASES. SEE FIG. 3.
 3. FASTEN RAILS TO SUPPORT ASSEMBLIES. SEE FIGS. 4, 5, AND 6.
 4. PUT MASKING TAPE ON BOTTOM OF ALL SUPPORT BASES TO AVOID SCRATCHING ROOF PANEL.
 5. LOCATE, CENTERPUNCH, AND DRILL TWO 1/8" DIA. PILOT HOLES FOR FRONT CENTER SUPPORT. THEN DRILL 1/2" DIA. HOLES THROUGH THE 1/8" DIA. PILOT HOLES, SEE FIG. 7. BE SURE TO USE A STOP ON THE DRILL TO PREVENT PIERCING THE HEADLINING. DE-BURR ALL HOLES.
 6. PLACE CENTER GASKET OVER HOLES IN PANEL AND INSERT NUTS. PLACE RAIL ASSEMBLY ON ROOF PANEL AND FASTEN FRONT CENTER SUPPORT SEMI-TIGHT. ADJUST RAIL ASSEMBLY ON ROOF PANEL SO THAT THE SUPPORT BASES ARE EQUI-DISTANT FROM CENTER OF CAR.
 7. TAPE BASES IN THIS POSITION AND SCRIBE HOLE LOCATIONS ON ROOF PANEL, AND REMOVE RAIL ASSEMBLY FROM ROOF.
 8. CENTERPUNCH AND DRILL 1/8" DIA. PILOT HOLES THROUGH EACH SCRIBED HOLE AND ENLARGE HOLES TO 1/2" DIA.

9. POSITION REMAINING GASKETS OVER ALL HOLES AND INSERT NUTS THROUGH GASKETS INTO HOLES IN ROOF PANEL.
 10. ASSEMBLE RAIL ASSEMBLY TO RACK ASSEMBLY, SEE FIG. 8.
 11. CAREFULLY PLACE THE LUGGAGE CARRIER OVER THE GASKETS ON THE ROOF PANEL AND FASTEN CARRIER TO ROOF PANEL.
- NOTE: USE LIGHT PRESSURE ON SCREWS UNTIL THREADS ENGAGE IN THE NUT TO AVOID PUSHING NUT THROUGH ROOF PANEL.

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR	TITLE	PART NO.	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																LUGGAGE CARRIER	1967		1-4	1.20
																	35 V 55	A		394435

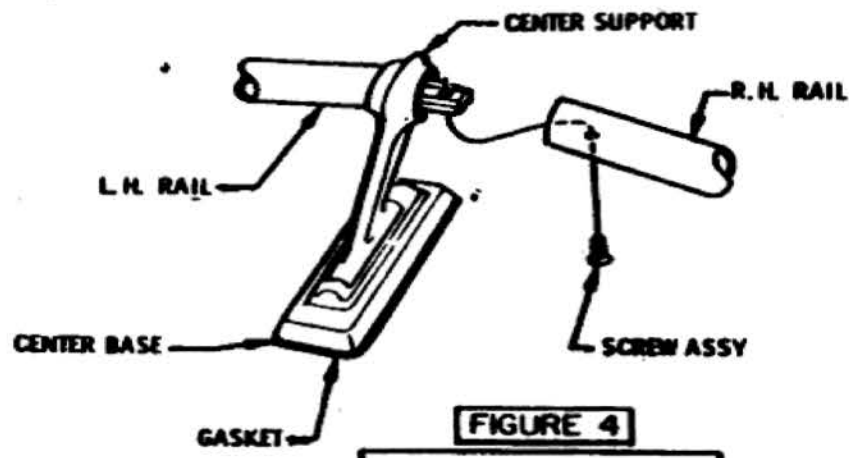


FIGURE 4
TYPICAL FASTENING
CENTER SUPPORT TO RAILS

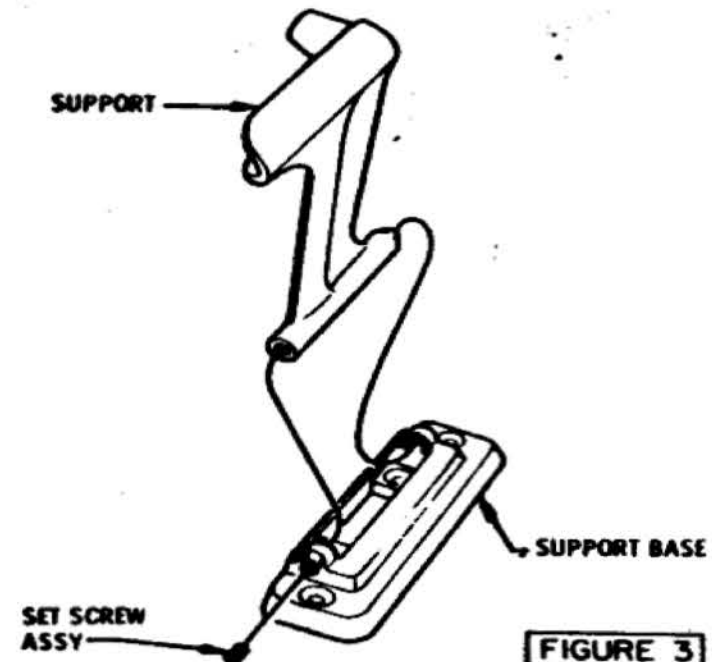


FIGURE 3
TYPICAL SUPPORT
AND BASE FASTENING

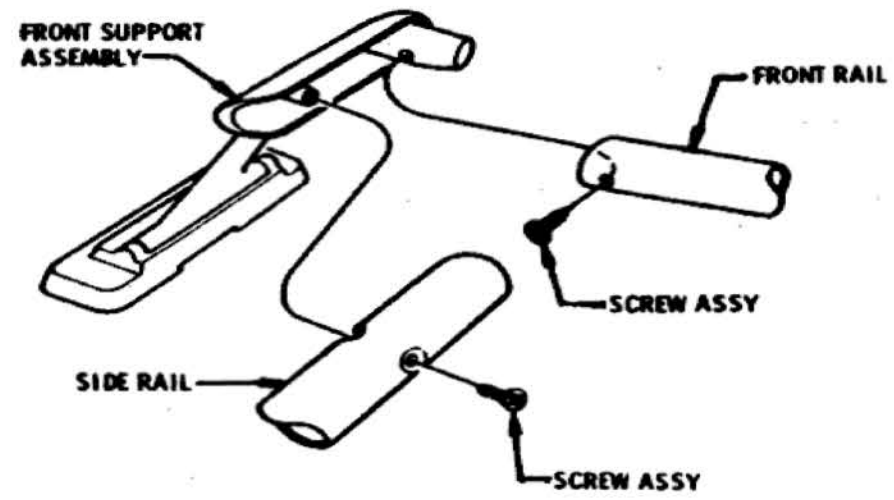


FIGURE 5
TYPICAL FASTENING
FRONT SUPPORT TO RAILS

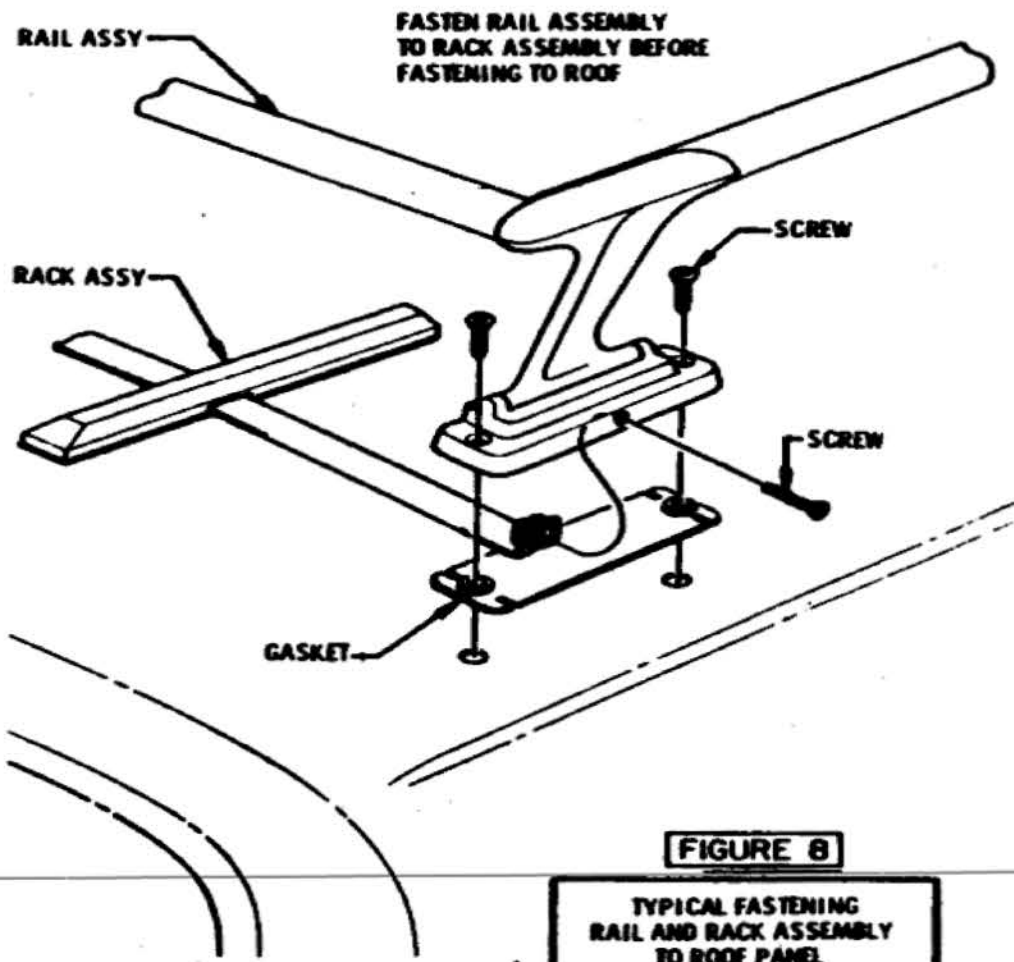


FIGURE 8
TYPICAL FASTENING
RAIL AND RACK ASSEMBLY
TO ROOF PANEL

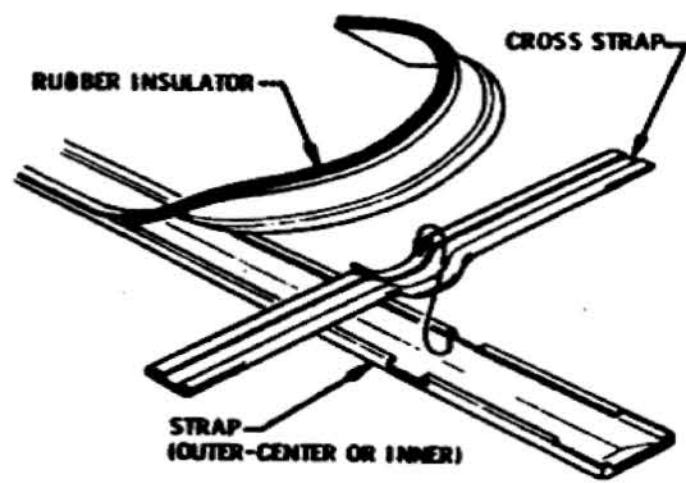


FIGURE 2
TYPICAL STRAP
FASTENING

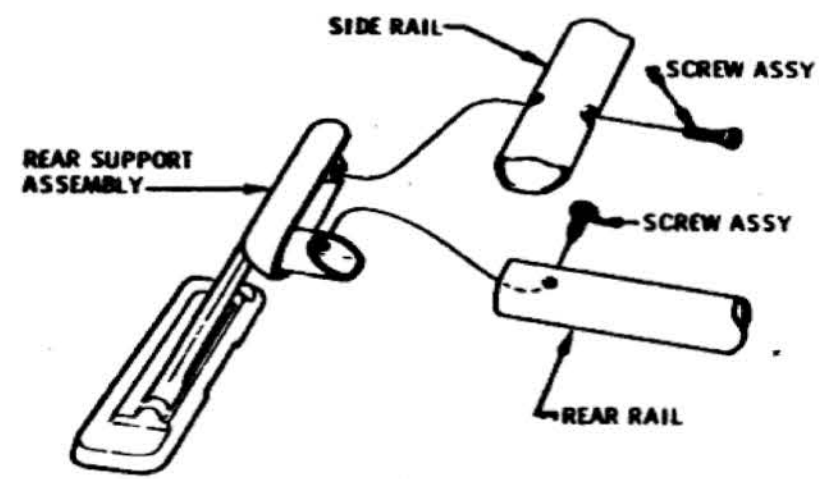
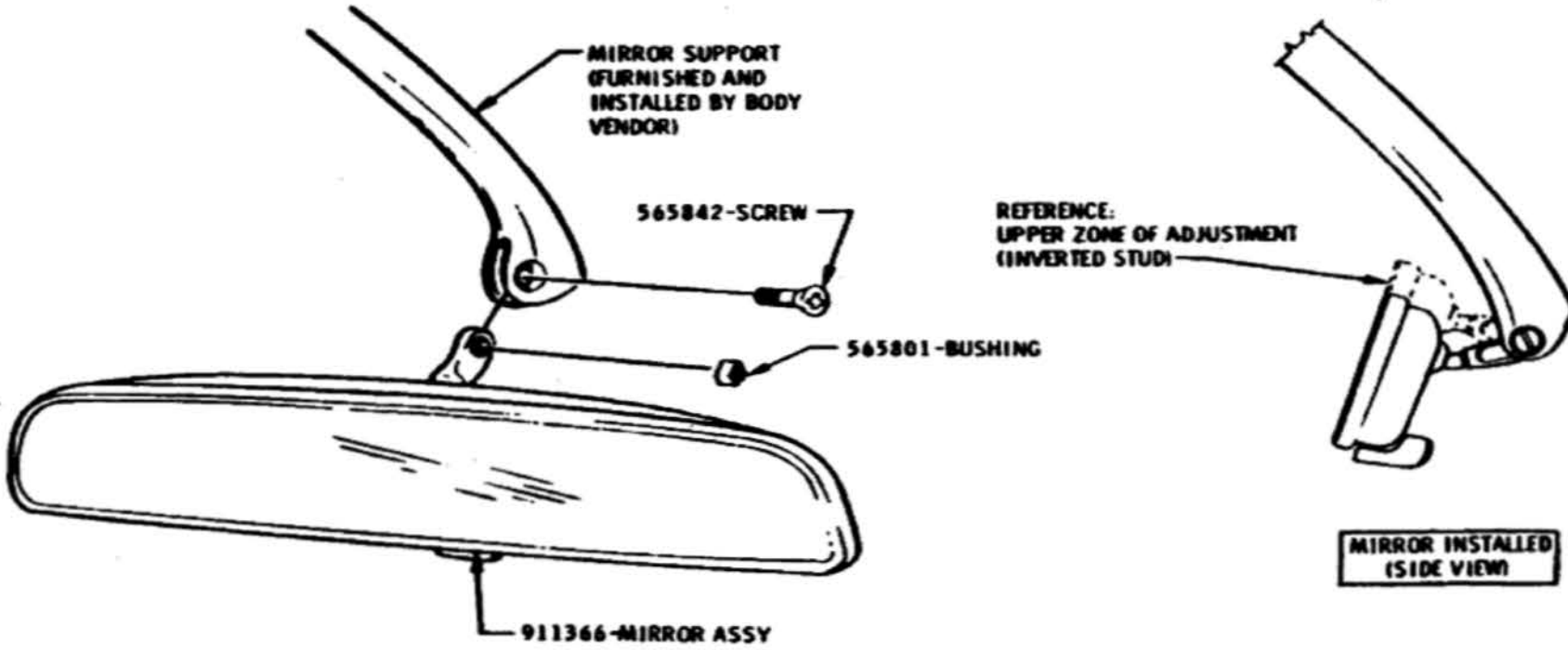


FIGURE 6
TYPICAL FASTENING
REAR SUPPORT TO RAILS

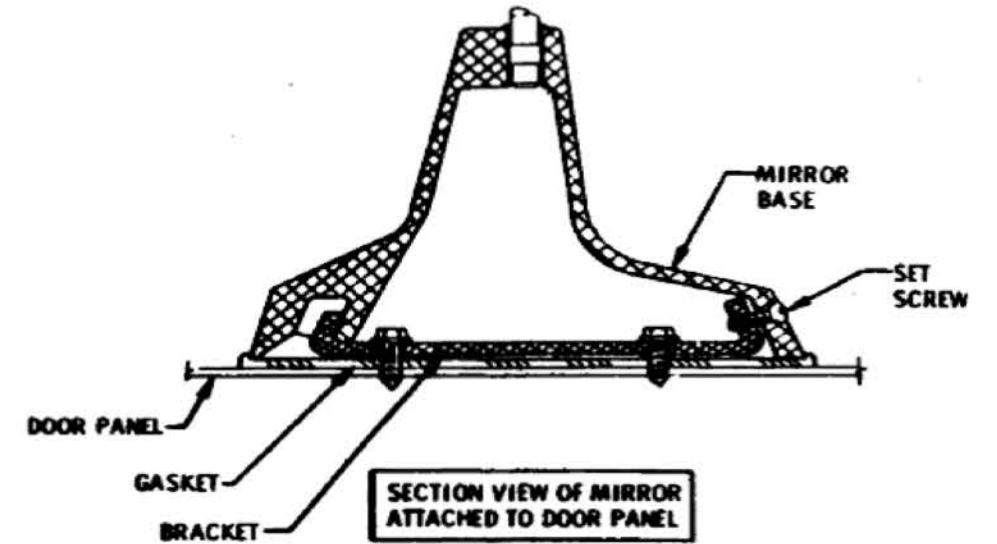
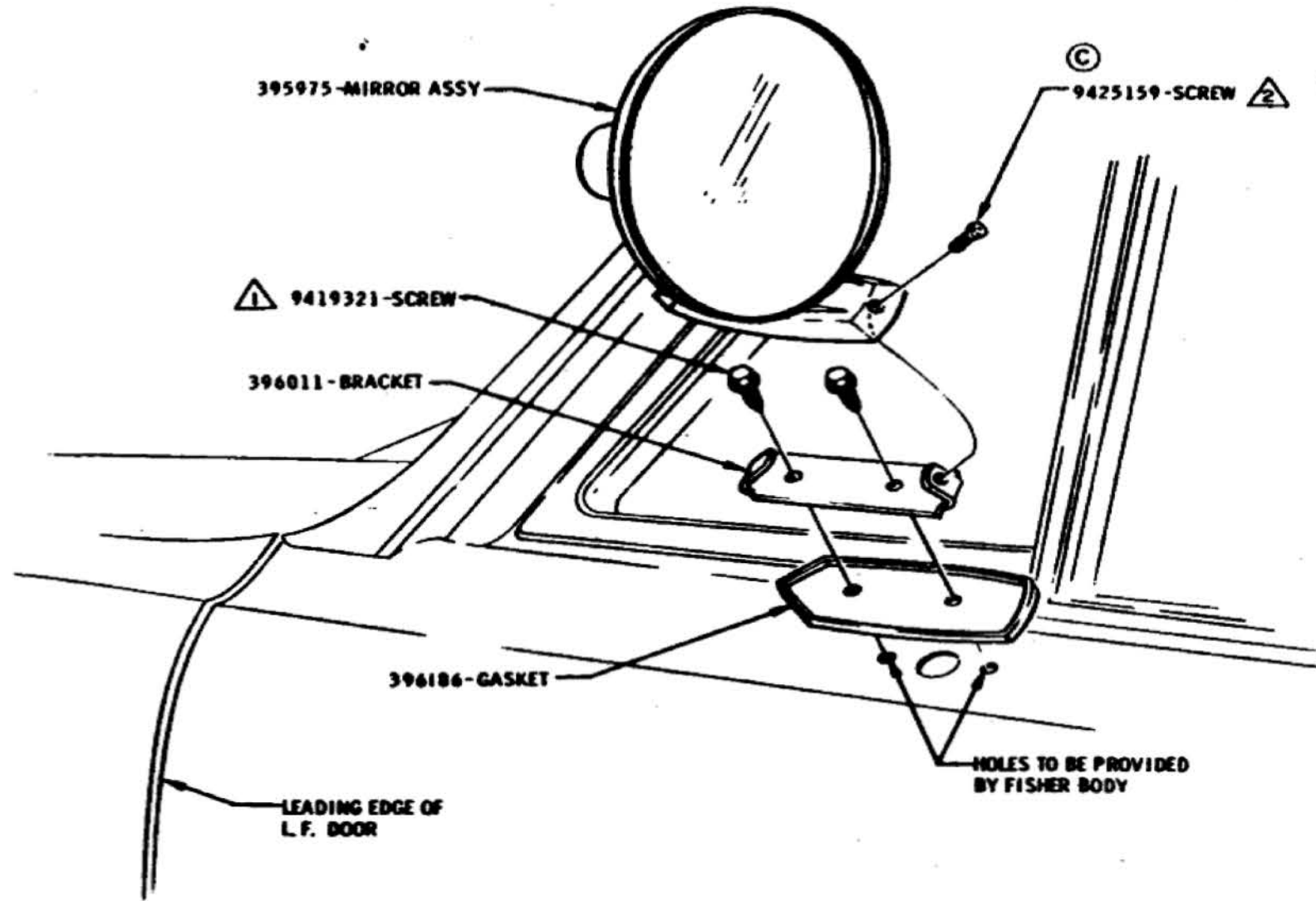
EXC. VISTA CRUISER

REVISIONS												TITLE								
DATE	SYM	REVISION	DR.	CHK.	DATE	SYM	REVISION	DR.	CHK.	DATE	SYM	REVISION	DR.	CHK.	APPR.	TITLE	YEAR USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																LUGGAGE CARRIER	1967		1-4	1.21
																	35V55	A		394435



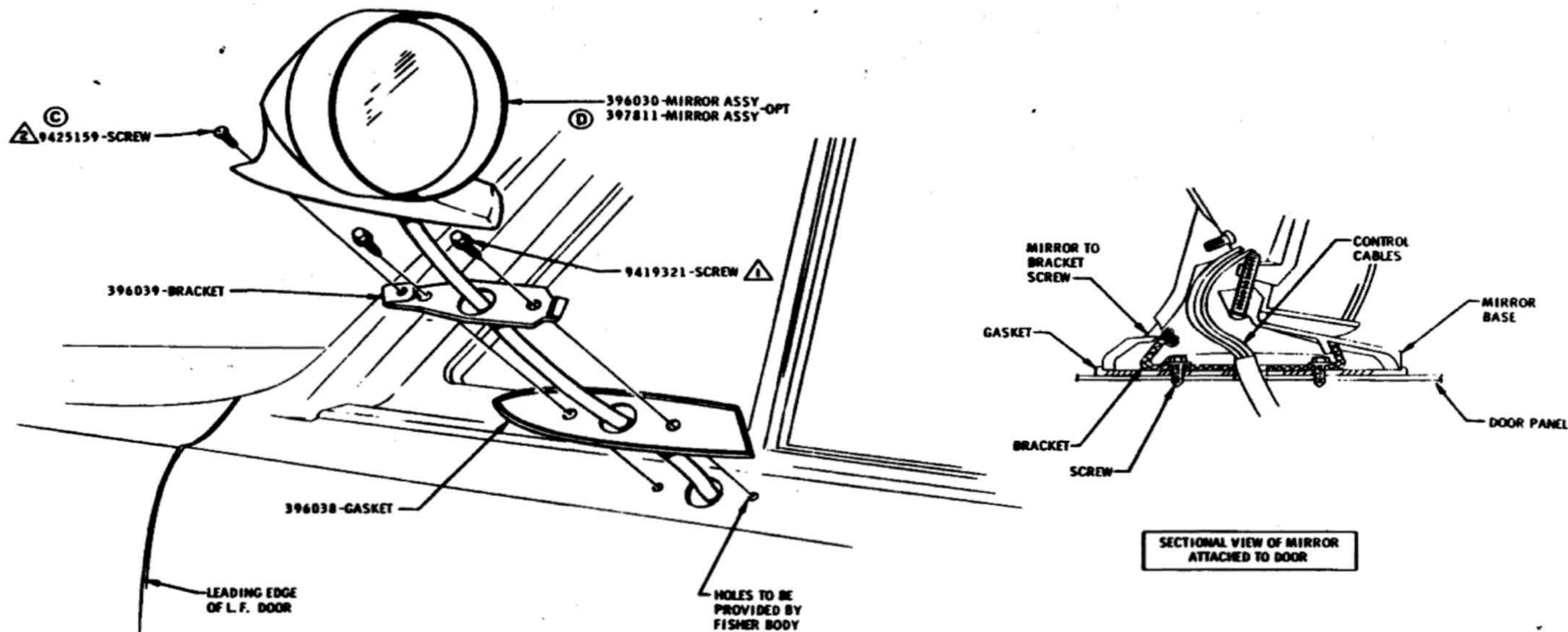
Ⓑ

								TITLE					INSIDE REAR VIEW MIRROR		
								DATE	DESIGNED BY	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE		
								APR 2 1966	B. PARKER	1967		1-4	1.30		
								CHECKED BY	APPROVED BY	REV	SERIES	PART NO			
								L. T. W. B.	REVISED & REDRAWN	1A2E	A B-C E	394435-6-7			
DATE	SYM	REVISION	DR	CH	DATE	SYM	REVISION	DR	CL	DATE	SYM	REVISION	DR	CL	APPROV



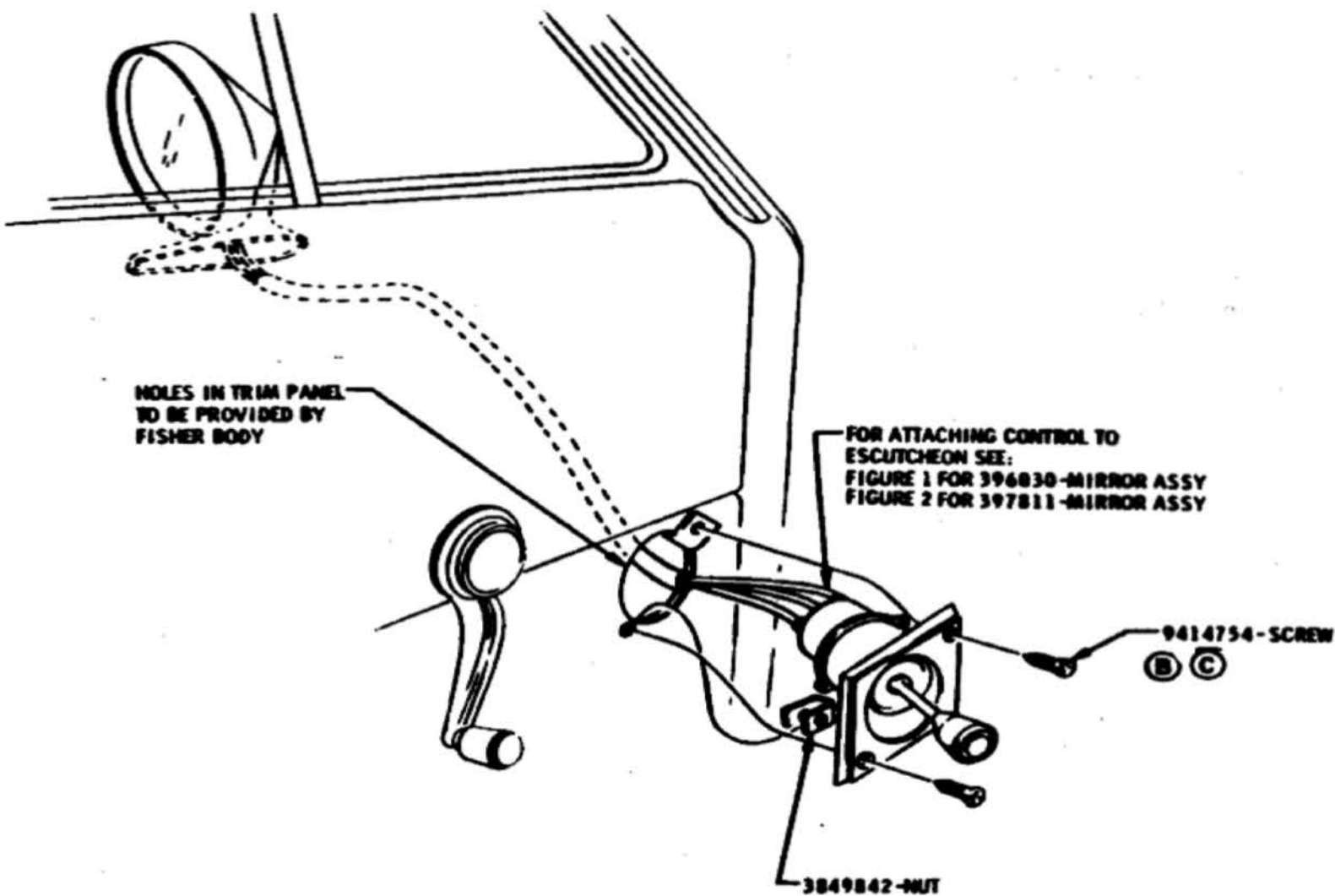
Ⓐ 20-30 LB. IN. Ⓓ
ⓐ 10-15 LB. IN. Ⓑ

REV.	DATE	BY	DESCRIPTION	REV.	DATE	BY	DESCRIPTION	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
								OUTSIDE REAR VIEW MIRROR	1967		1-4	132
	9-20-66	D	TORQUE ADDED									
	7-25-66	C	WAS 942562B SCREW									
	1-27-66	B	TORQUE ADDED									
	8-19-66	A	WAS 942561 SCREW									
									1A2E		A	394435

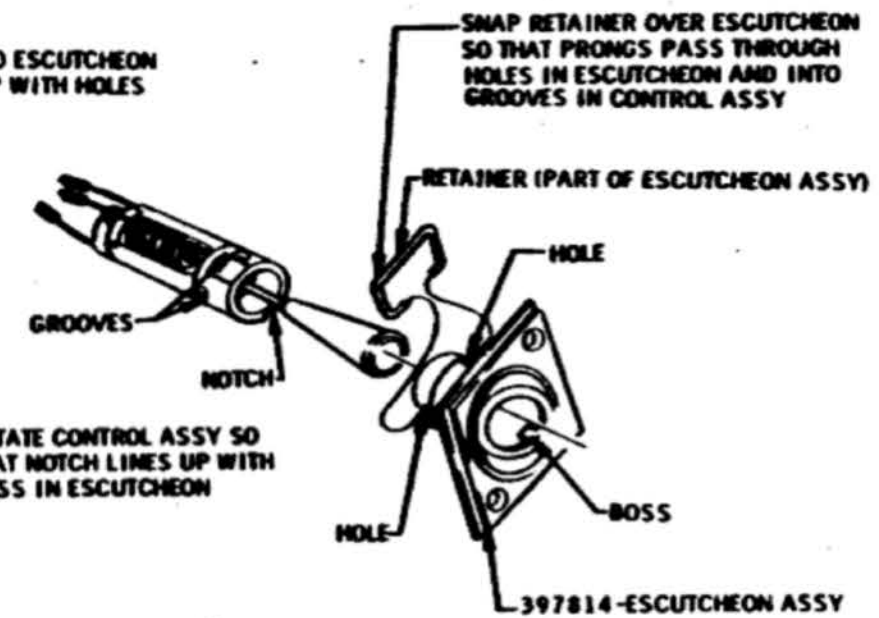


⚠ 20-30 LB. IN. (B)
⚠ 10-15 LB. IN.

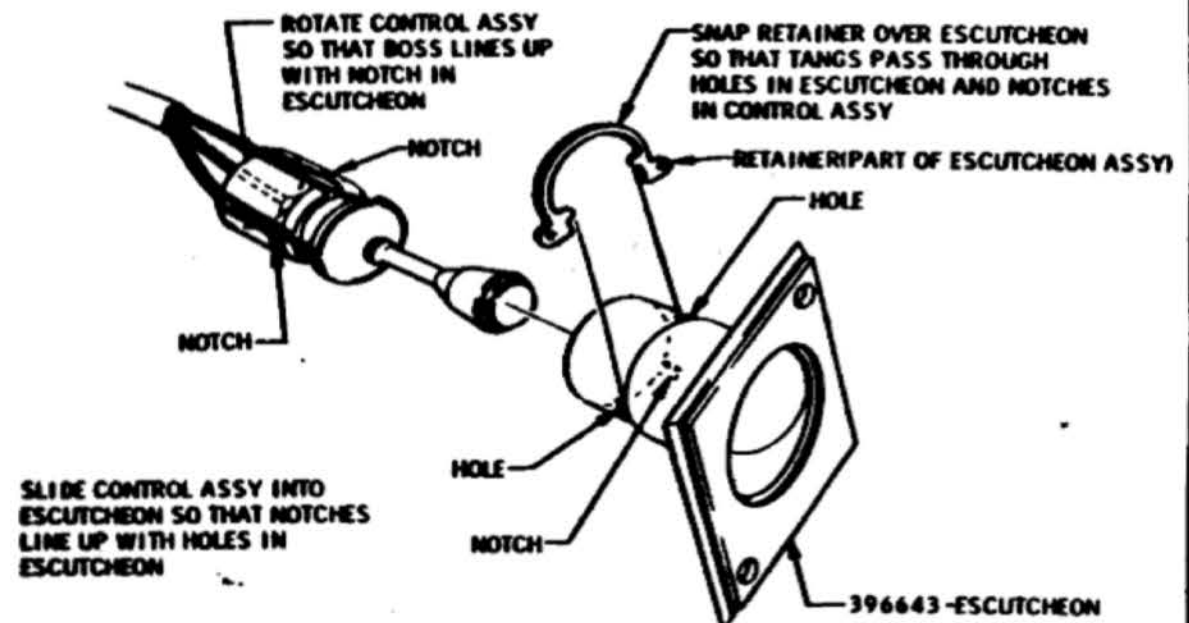
REVISION										TITLE				PART USED		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE	
										REMOTE CONTROL MIRROR				1967		1-4		1.33			
										REV. D 197811-MIRROR-OPT. ADDED				DATE MAR 19 1966							
										REV. C WAS 9419321-SCREW				DR. BY B. PARKER							
										REV. B TORQUES ADDED				CHKD. J. J. J.							
										REV. A WAS 9425151 SCREW				APP. J. J. J.							
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	APP.	REV.	35D33	SERIES	A	PART NO.	394435



SLIDE CONTROL ASSY INTO ESCUTCHEON SO THAT GROOVES LINE UP WITH HOLES IN ESCUTCHEON



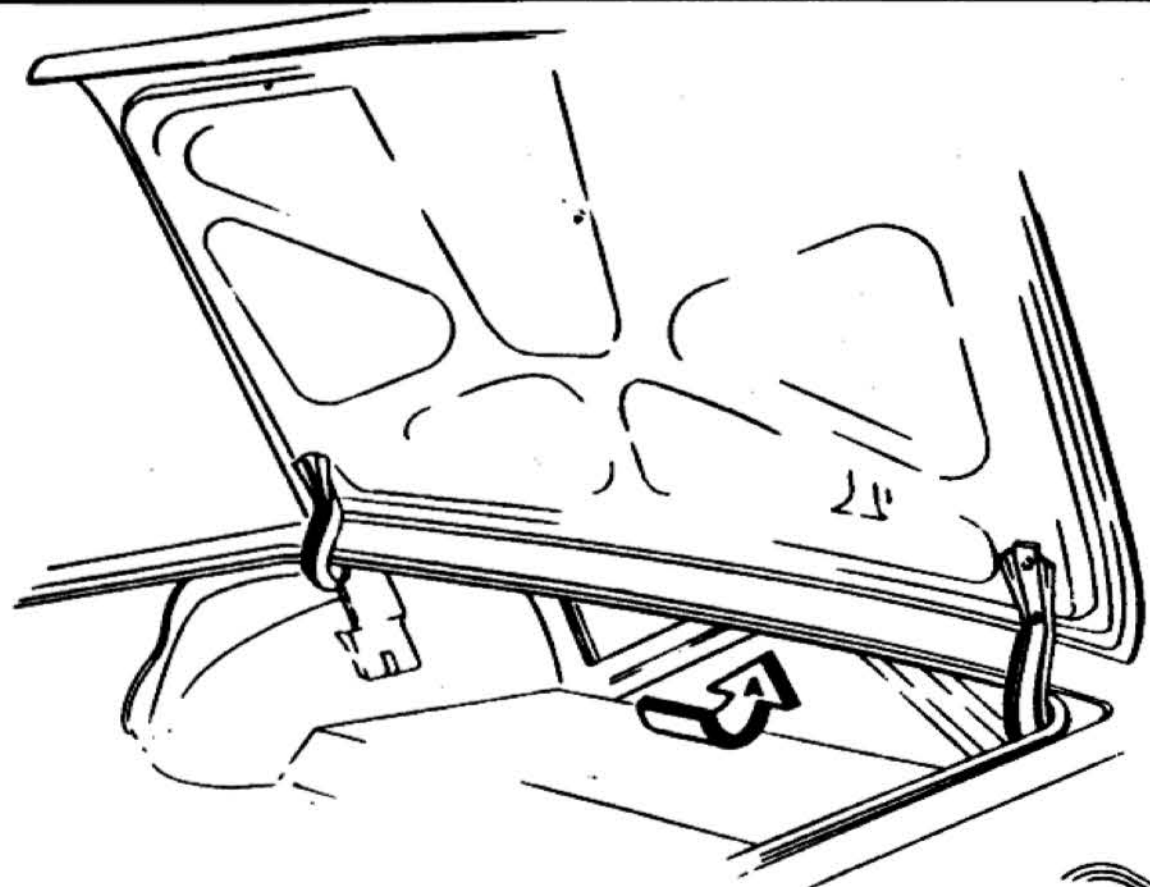
(A) FIGURE 2



SLIDE CONTROL ASSY INTO ESCUTCHEON SO THAT NOTCHES LINE UP WITH HOLES IN ESCUTCHEON

FIGURE 1

DATE	BY	REVISION	DR.	CHK.	DATE	BY	REVISION	DR.	CHK.	DATE	BY	REVISION	DR.	CHK.	DATE	BY	REVISION	DR.	CHK.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																				REMOTE CONTROL MIRROR (INSIDE)	1967		1-4	1.34
																				DATE <u>MAY 11, 1966</u> BY <u>B. PARKER</u>				
																				<u>1-2 PER C WAS 9411903-SCREW</u>				
																				<u>10-24-60 WAS 9414756-SCREW</u>				
																				<u>10-24-60</u>				
																				<u>OPTIONAL BODY ASSY ADAPTED</u>				
																				<u>APPR. J. H. ...</u>	35033	SERIES <u>A</u>	PART NO. <u>394435</u>	



SEE VIEW IN DIRECTION OF ARROW

PUSH "T" BOLT UP THROUGH EXISTING HOLE IN THE BOTTOM OF THE PACKAGE SHELF, AGAINST THE SPRING RETAINER, AND SLIDE BOLT INTO THE SQUARE PORTION OF THE HOLE WHERE IT WILL RETAIN ITSELF.

SHELF METAL UNDER PACKAGE SHELF

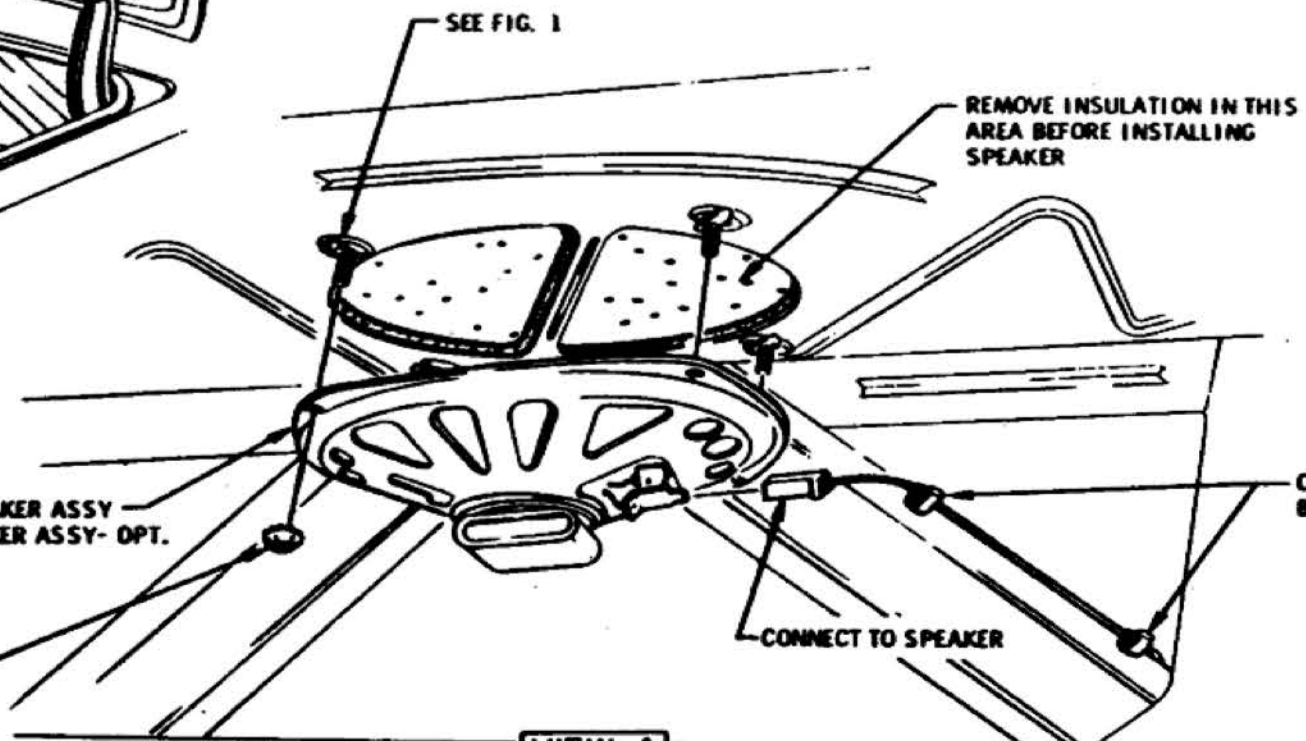


4749319-BOLT (SPECIAL)

SPRING RETAINER

FIGURE 1

"T" BOLT INSTALLATION



7300614-SPEAKER ASSY
396548-SPEAKER ASSY- OPT.

274329-NUT (LOCK)

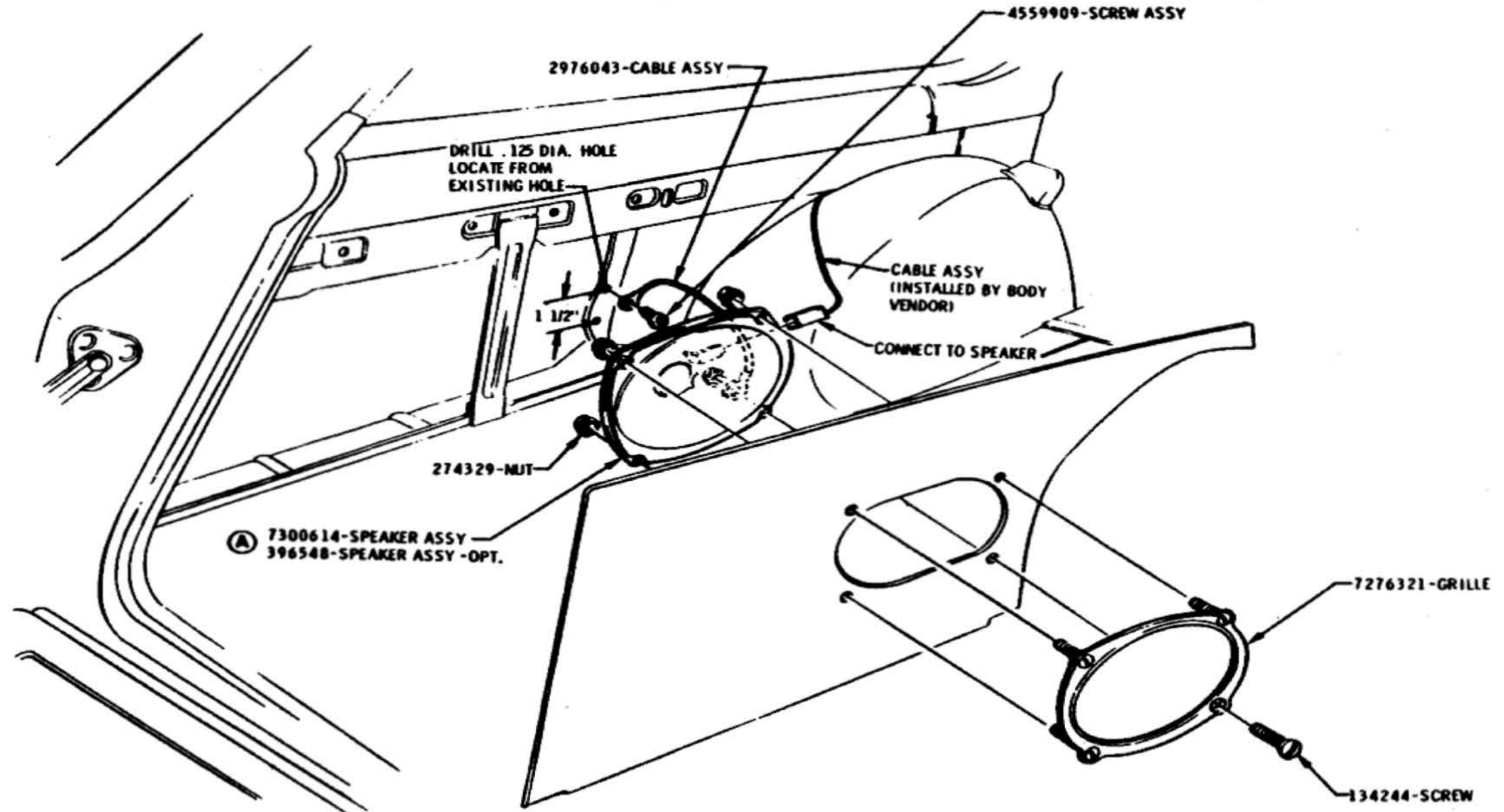
CLIPS AND CABLE INSTALLED BY BODY VENDOR.

CONNECT TO SPEAKER

VIEW A

ⓑ SPEAKER INSTALLATION

TITLE REAR SEAT SPEAKER (EXC. STATION WAGON)											
DATE JAN 6, 1966					FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 1-4		PAGE 3.23
DR BY B. PARKER					CHECKED		SERIES A		PART NO 394435		
P. 17-66 A					35080						
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM



TITLE REAR SEAT SPEAKER (STATION WAGON)																
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	DATE <u>JAN. 6, 1966</u> DR BY <u>B. PARKER</u> CHECKED <u>J.P.</u> APPR. <u>[Signature]</u>	FIRST USED 1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 1-4	PAGE 3.24
												NET <u>35080</u> SERIES A	PART NO. 394435			

HOSE & CABLE - SECTION I-5

1.01	HEATER CABLE AND HOSE DIAGRAM
1.02	HEATER CONTROL CABLES
1.04	V8 HEATER WATER HOSES
1.05	L6 HEATER WATER HOSES
1.10	SPEEDOMETER CABLE ROUTING
1.15	WINDSHIELD WIPER AND WASHER HOSES
1.20	L6 THROTTLE CONTROL CABLE
2.00	V8 A/C VACUUM HOSE DIAGRAM
2.01	L6 A/C VACUUM HOSE DIAGRAM
2.10	AIR CONDITIONING END OUTLET HOSE
2.11	A/C CONTROL CABLES AND VACUUM HOSES
2.12	V8 A/C ENGINE COMPARTMENT VACUUM HOSES
2.13	L6 A/C ENGINE COMPARTMENT VACUUM HOSES
2.14	AIR CONDITIONING MUFFLER AND HOSES
3.50	V8 CRUISE CONTROL VACUUM HOSE DIAGRAM
3.51	L6 CRUISE CONTROL VACUUM HOSE DIAGRAM
3.55	V8 CRUISE CONTROL CABLES AND HOSES
3.56	L6 CRUISE CONTROL CABLES AND HOSES
3.70	VACUUM TRUNK RELEASE HOSE DIAGRAM
3.71	VACUUM TRUNK RELEASE HOSES (INSIDE OF CAR)
3.72	V8 VACUUM TRUNK RELEASE HOSES IN ENGINE COMPT.
3.73	L6 VACUUM TRUNK RELEASE HOSES IN ENGINE COMPT.

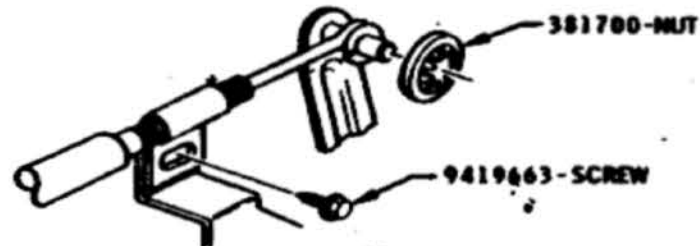


FIGURE 1

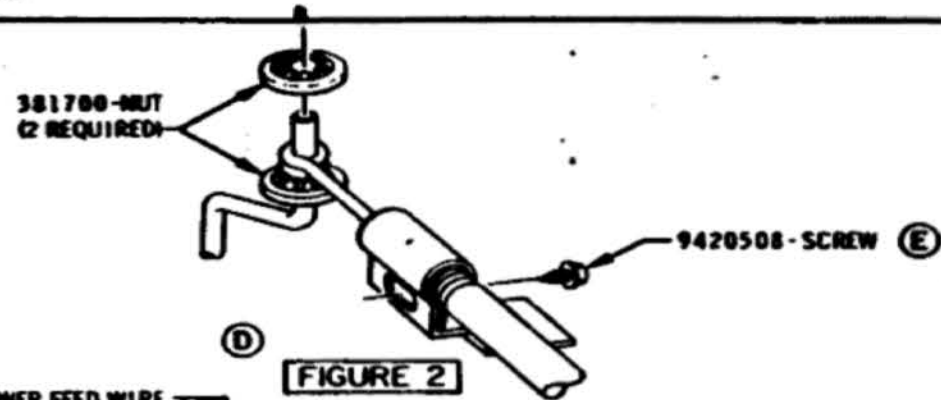


FIGURE 2

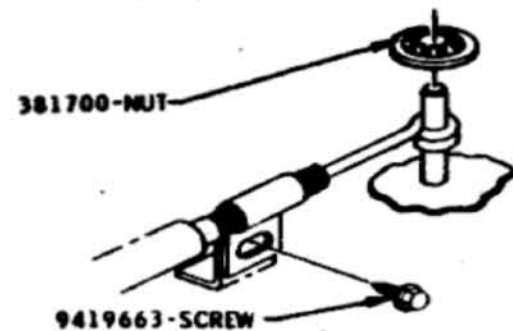
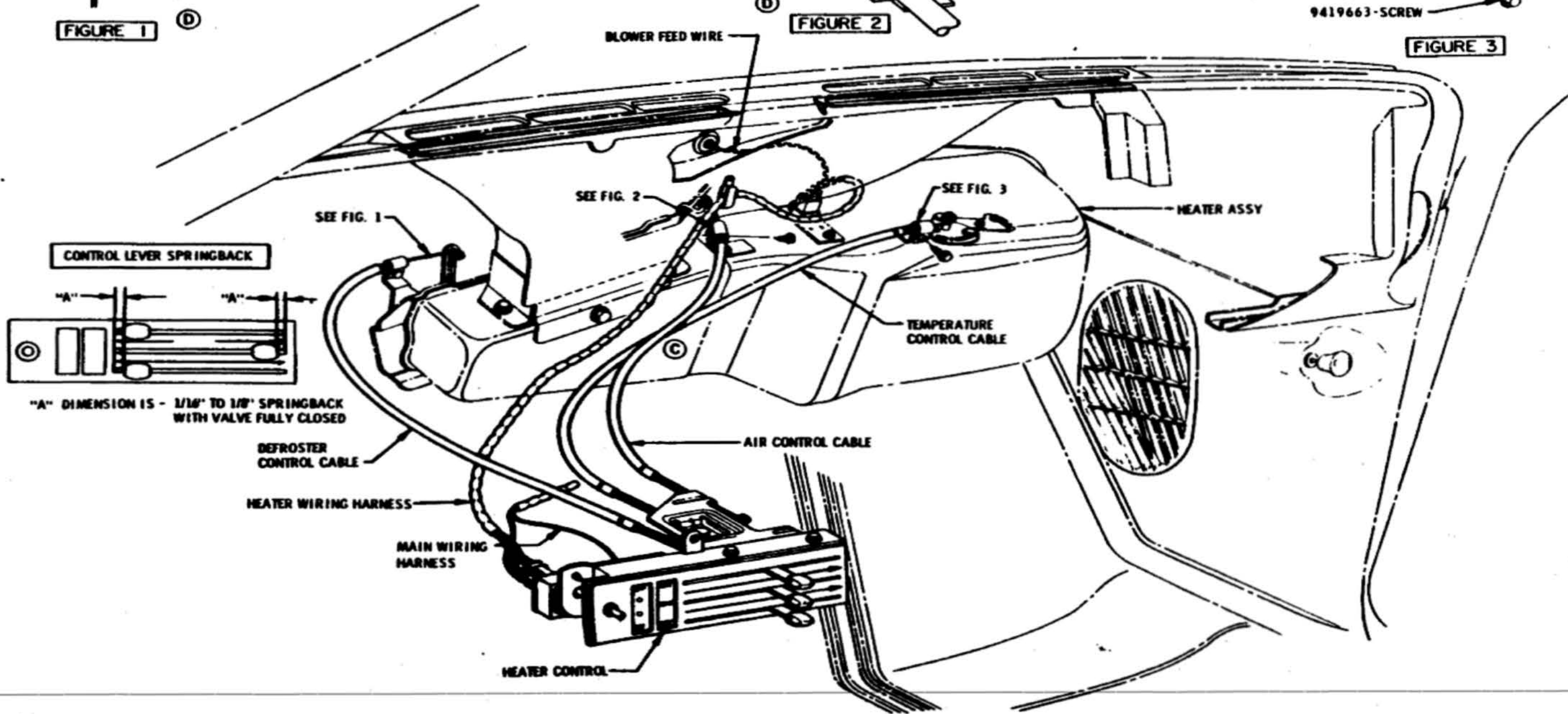


FIGURE 3

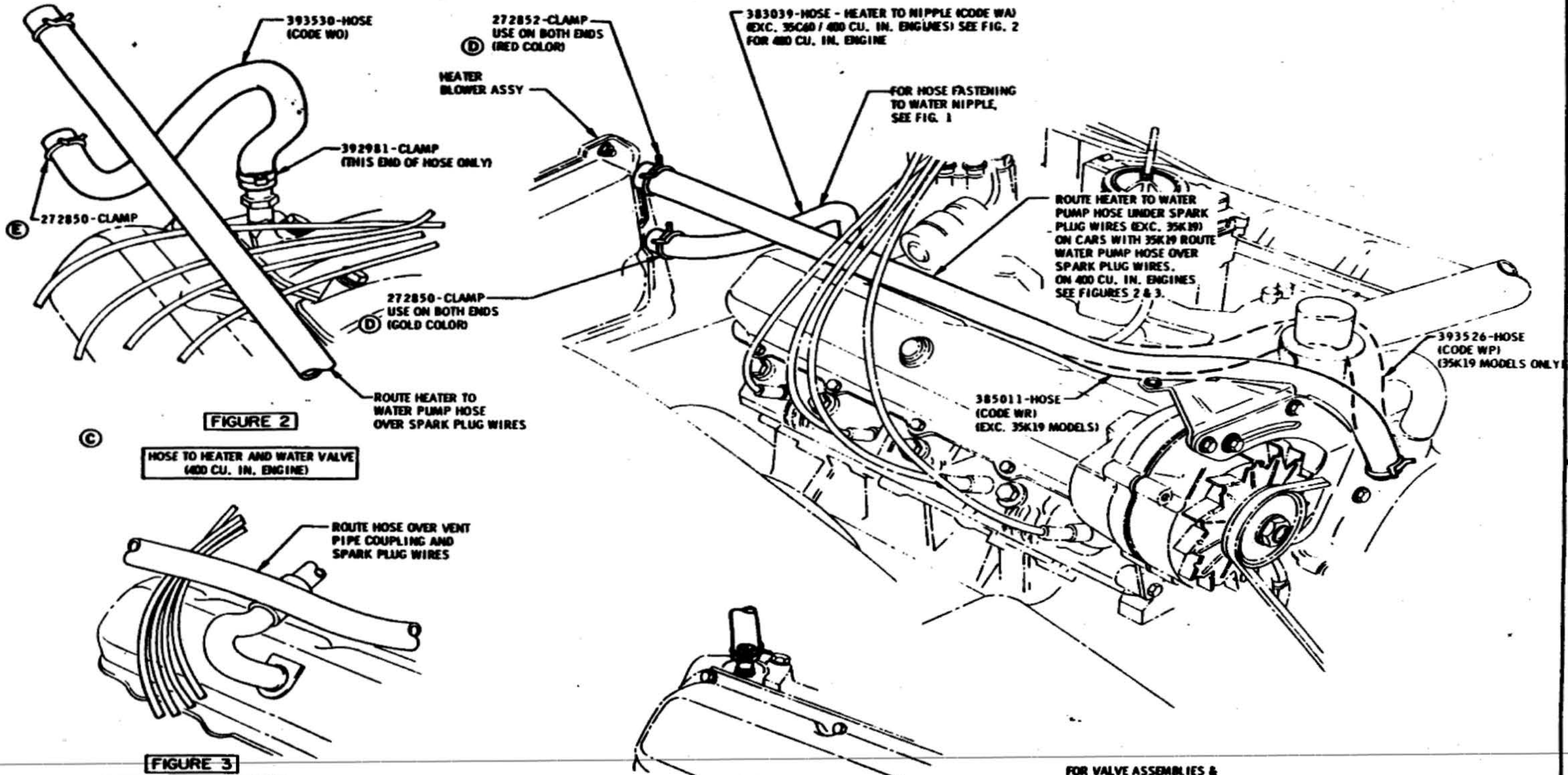


CONTROL LEVER SPRINGBACK

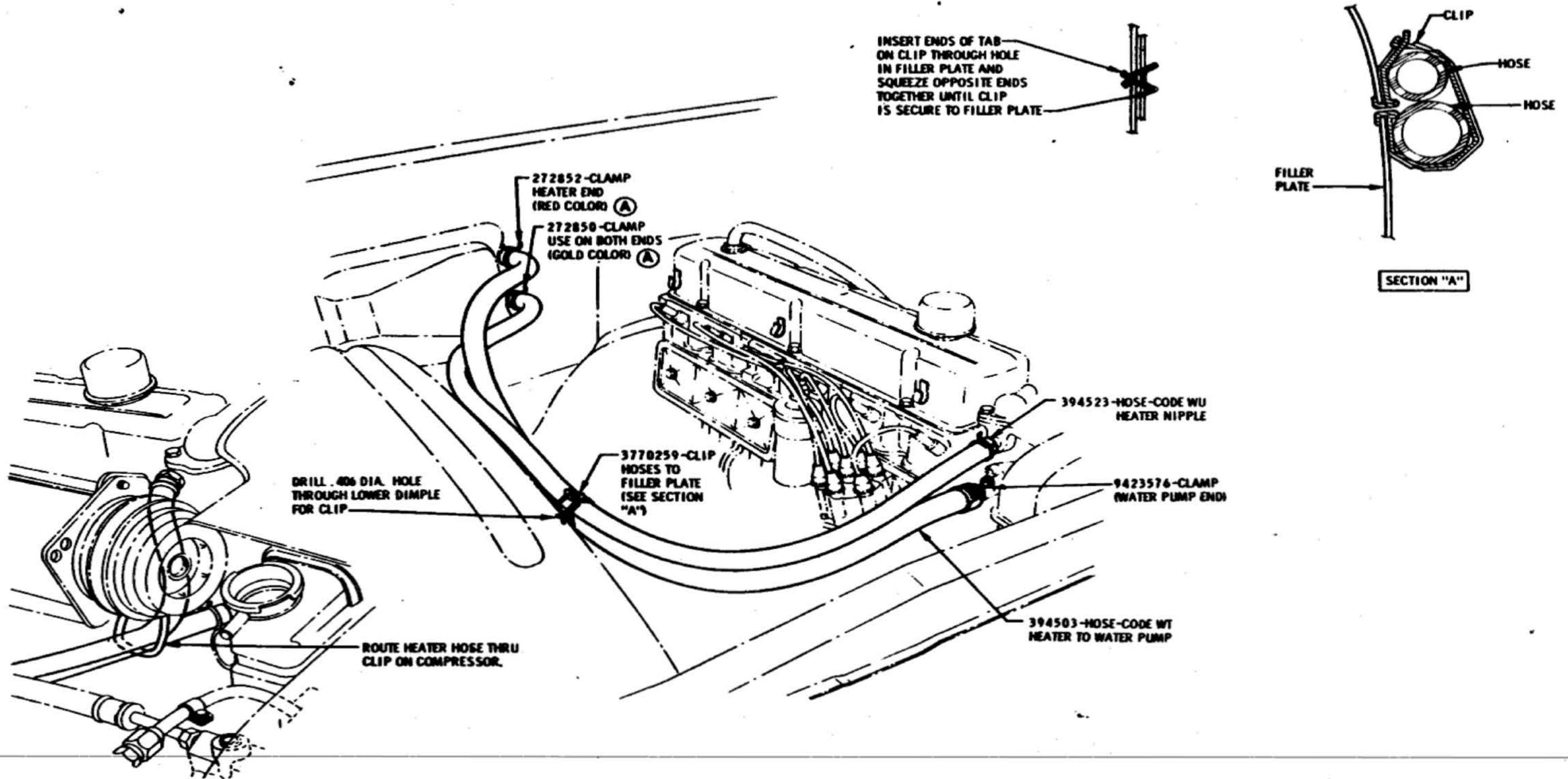


"A" DIMENSION IS - 1/16" TO 1/8" SPRINGBACK WITH VALVE FULLY CLOSED

DATE	BY	REVISION	DR. CK.	DATE	BY	REVISION	DR. CK.	DATE	BY	TITLE	PART USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
										HEATER CONTROL CABLES	1967		1-5	1.02
										REVISED BY: <i>[Signature]</i>	REV. 1A2C	SERIES A	PART NO. 394435	
										REVISIONS:				
										9816 E NO 9419663-SCREW				
										9816 D 2 NUTS ADDED				
										9816 C CABLE ROUTING REVISED				
										9816 B ARROW RELOCATED				
										9816 A BACKGROUND REVISED				

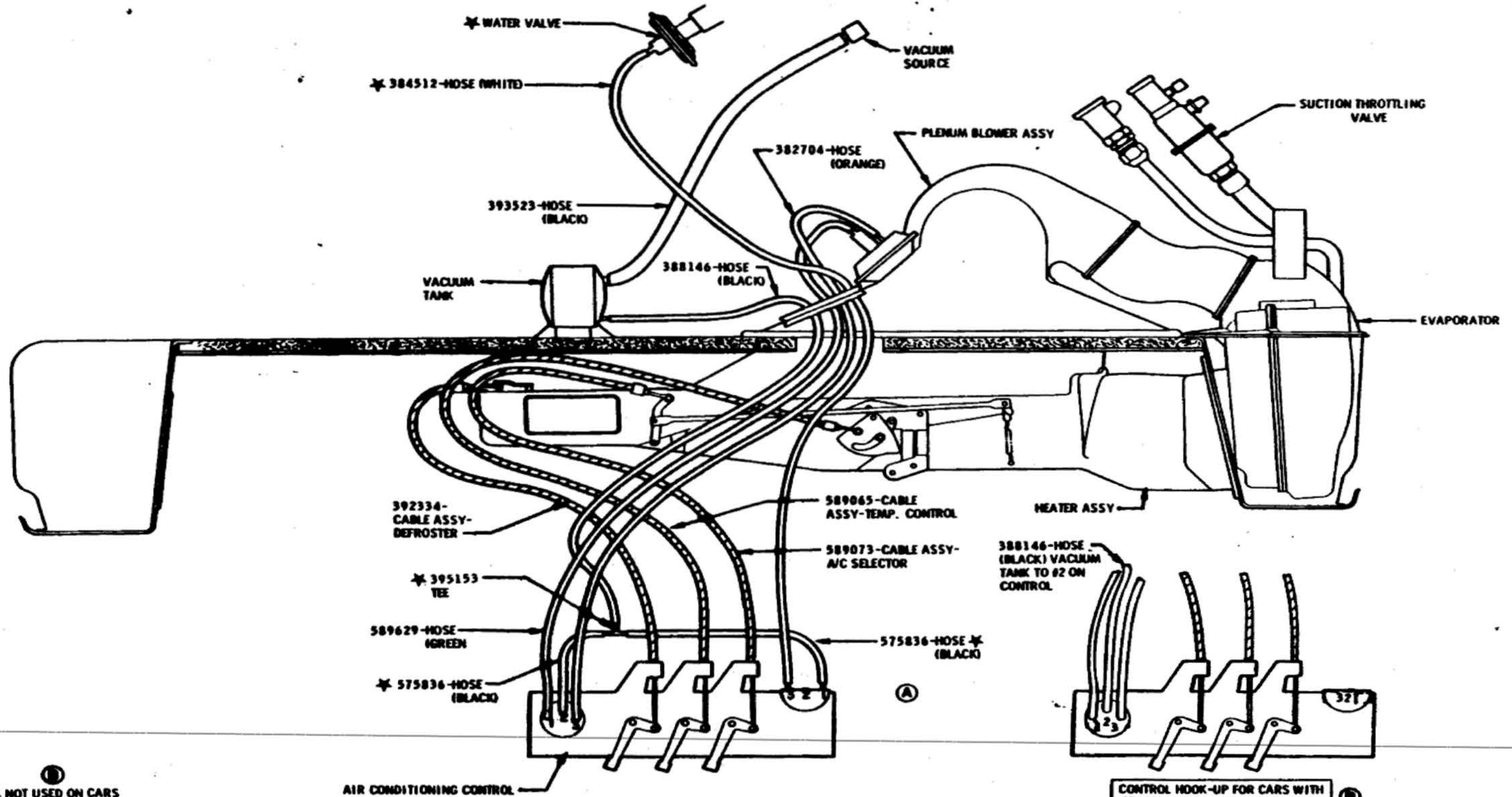


DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CL.	DATE	SYM	REVISION	DR.	CL.	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																HEATER WATER HOSES V8	1967		1-5	1.04
																			A	394435



HOSE ROUTING ON CARS WITH AIR CONDITIONING

TITLE										HEATER WATER HOSES (L6)	
DATE JANUARY 27, 1966										FIRST USED	
DR. BY H. MASON										1967	
CHECKED <i>[Signature]</i>										OLDSMOBILE PRODUCT INFORMATION MANUAL	
1-6-66 A. COLOR CODES ADDED										MANUAL SECTION	
										1-5	
										PAGE	
										1.05	
										SERIES	
										A	
										PART NO.	
										394435	



Ⓢ NOT USED ON CARS WITH 35W28, 35W29 & 35L77

CONTROL HOOK-UP FOR CARS WITH 35W28, 35W29 & 35L77 EQUIPMENT Ⓢ

REVISION				REVISION				REVISION				REVISION				REVISION			
NO.	DATE	BY	CHK.	NO.	DATE	BY	CHK.	NO.	DATE	BY	CHK.	NO.	DATE	BY	CHK.	NO.	DATE	BY	CHK.
1				2				3				4				5			
<p>TITLE A/C VACUUM HOSE DIAGRAM (V8)</p> <p>DATE JAN. 28, 1966</p> <p>DR. BY J. GALL</p> <p>CHKD BY [Signature]</p> <p>APP. BY [Signature]</p> <p>REV. BY [Signature]</p>																			
<p>1967 OLDSMOBILE PRODUCT INFORMATION MANUAL</p> <p>MANUAL SECTION 1-5</p> <p>PAGE 2.00</p> <p>PART NO. 394435</p> <p>REVISION A</p>																			

INSTALL SCREW BEFORE HEATER IS INSTALLED TO CAR. AFTER INSTALLING HEATER, SLIDE CABLE ASSY CLIP BEHIND SCREW AND SECURE.

9419663-SCREW
SELECTOR VALVE ONLY

381700-NUT

ROUTE VACUUM HOSES AND WIRING HARNESS THRU GROMMET IN THIS AREA

ROUTE TEMP. CONT. CABLE BEHIND SWITCH AS SHOWN

ROUTE VACUUM HOSES AND WIRING BETWEEN DEFROSTER DUCT AND DASH PANEL

FASTENINGS FOR SELECTOR VALVE CABLE

DEFROSTER CABLE

SELECTOR VALVE CABLE

SCOTCH MASKING TAPE

CONTROL LEVER SPRINGBACK

1/16" TO 1/8" SPRINGBACK WITH VALVE FULLY CLOSED

CABLE ADJUSTMENTS

TEMPERATURE DOOR CABLE

- ADJUST CABLE TO OBTAIN 1/16 - 1/8 SPRINGBACK WITH VALVE IN FULL COLD POSITION.

SELECTOR DOOR CABLE

- SET LEVER IN THE "NORMAL" POSITION.
- PUSH SELECTOR DOOR OPEN AGAINST THE SEAL (AIR CONDITIONING POSITION).
- TIGHTEN CABLE ATTACHING SCREW.

DEFROSTER DOOR CABLE

- SET HEATER DEFROSTER CABLE IN "OFF" POSITION.
- PULL DEFROSTER DOOR CRANK FULL LEFT (DOOR UP).
- TIGHTEN CABLE ATTACHING SCREW.

A/C CONTROL CABLES & VACUUM HOSES

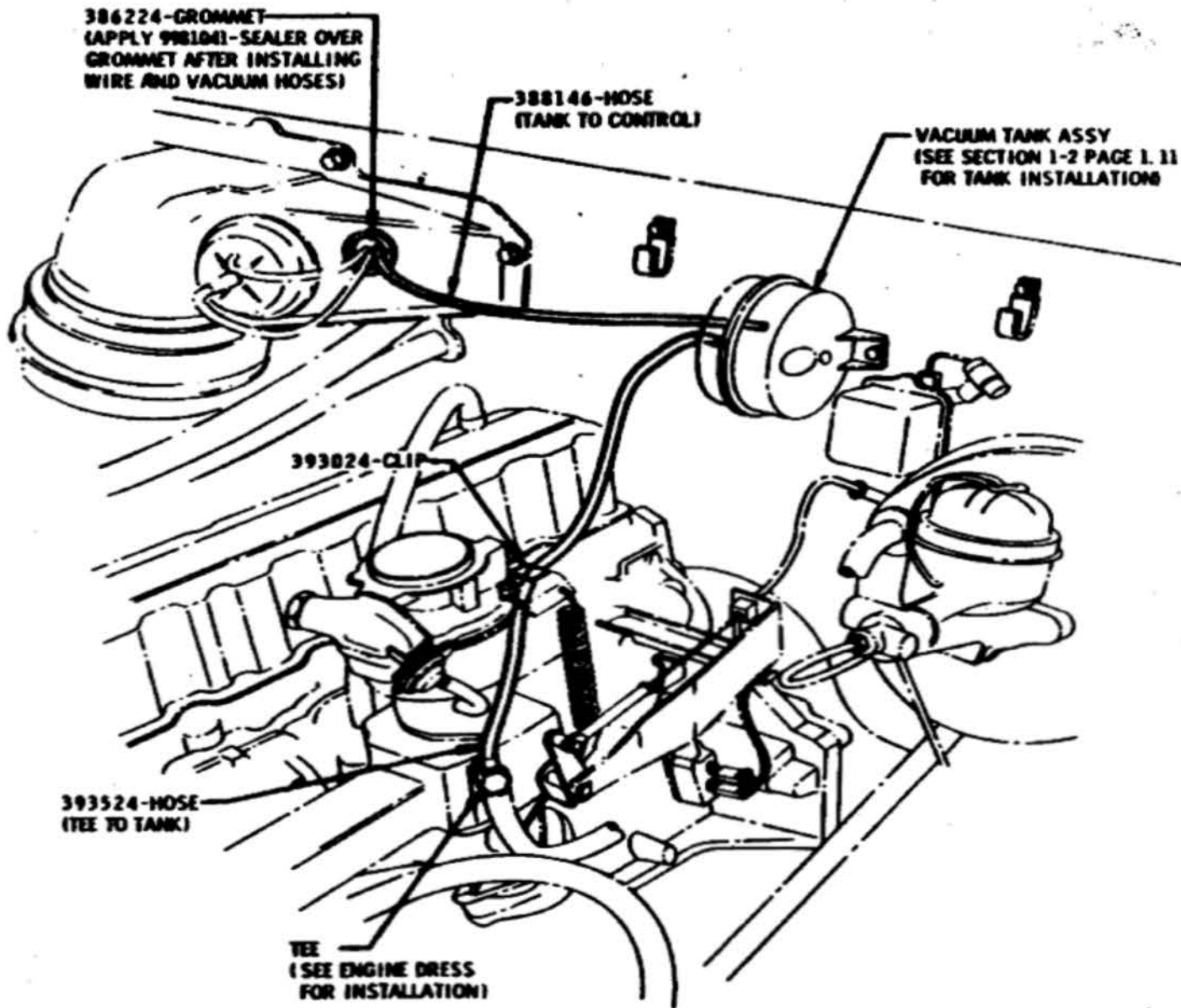
381700-NUT

9419663-SCREW

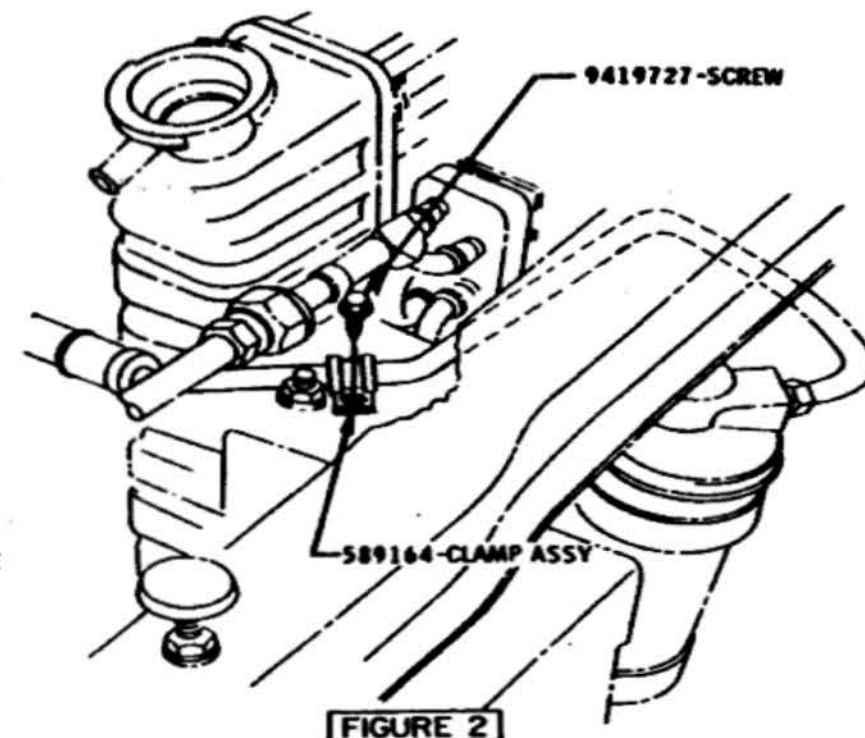
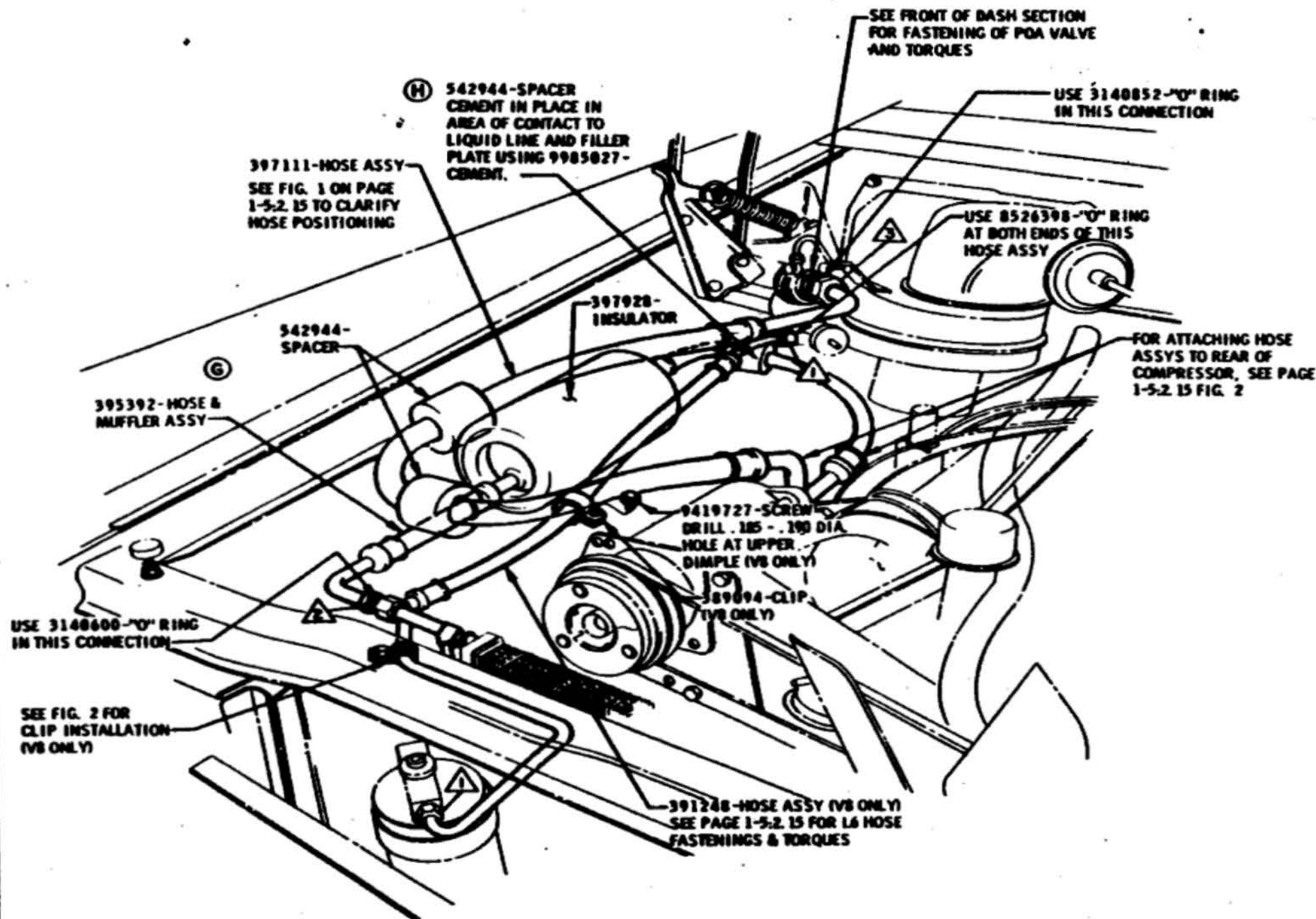
VACUUM HOSE, WIRE AND CABLE ROUTING

TYPICAL FASTENINGS FOR DEFROSTER AND TEMPERATURE CONTROL CABLE

TITLE										35C60 CABLE ROUTING				
DATE	SYM	REVISION	DR	CR	DATE	SYM	REVISION	DR	CR	DATE	SYM	REVISION	DR	CR
1967 A WIRE & HOSE ROUTING REVISED										DATE	APR 12 1966	DR BY	BEAUDOIN	
										CHECKED		FIRST USED	1967	
										APP'D	K E M...	OLDSMOBILE PRODUCT	MANUAL SECTION	1-5
										APP'D	...	INFORMATION MANUAL	PAGE	211
										REF	35C-60	SERIES	A	
										PART NO 394435				



TITLE												A/C ENGINE VACUUM HOSE (L6)									
DATE						18V. 02.1966						FIRST USED		1967		OLDSMOBILE PRODUCT		MANUAL SECTION		PAGE	
DR. BY						L. BOLL								INFORMATION MANUAL		1-5		2.13			
CHECKED						[Signature]															
APPR.						K. E. [Signature]						REV.		39C60		SERIES		PART NO			
														A		394435					
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	APPR.						

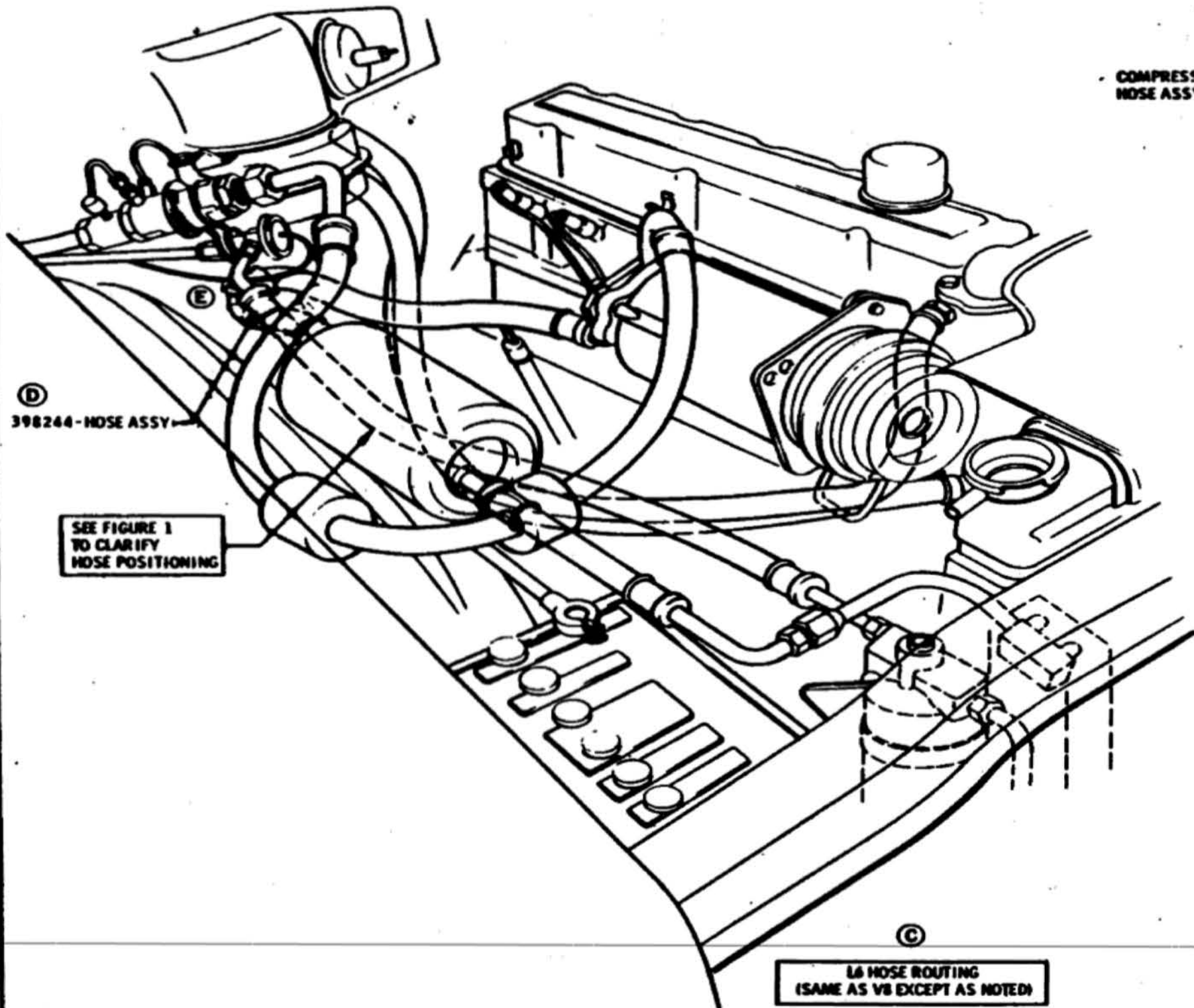


- Δ 28-33 LB. FT.
- ∇ 15-20 LB. FT.
- \triangle 11-15 LB. FT.

HOSE ASSY
ROUTINGS

Ⓕ

		7-12-66		E TORQUES ADDED		TITLE AIR CONDITIONING MUFFLER & HOSES			
		5-24-66		D TORQUES REMOVED		DATE APR. 21, 1966		PART USED	
		5-11-66		C VIEW REVISED		DEL. BY J. GALL		1967	
		5-16-66		B WAS 391211 MUFFLER		CHECKED		OLDSMOBILE PRODUCT INFORMATION MANUAL	
		8-4-66		A WAS 391999-HOSE ASSY		APPR. [Signature]		SERIES A	
						REV. 35 C 60		MANUAL SECTION 1-5	
						SERIES		PAGE 2.14	
						APPR.		PART NO. 394435	
DATE	BYM	REVISION	DR	CK	DATE	BYM	REVISION	DR	CK



COMPRESSOR TO P. O. A. VALVE
HOSE ASSY

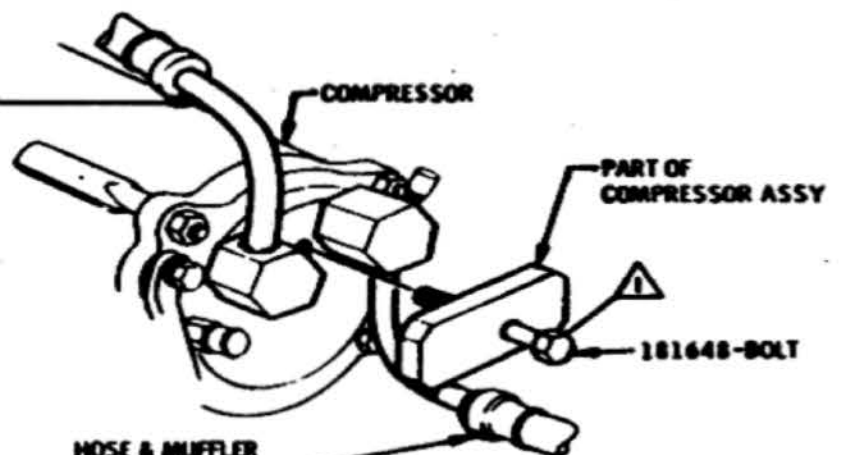


FIGURE 2

HOSE ASSY TO
COMPRESSOR

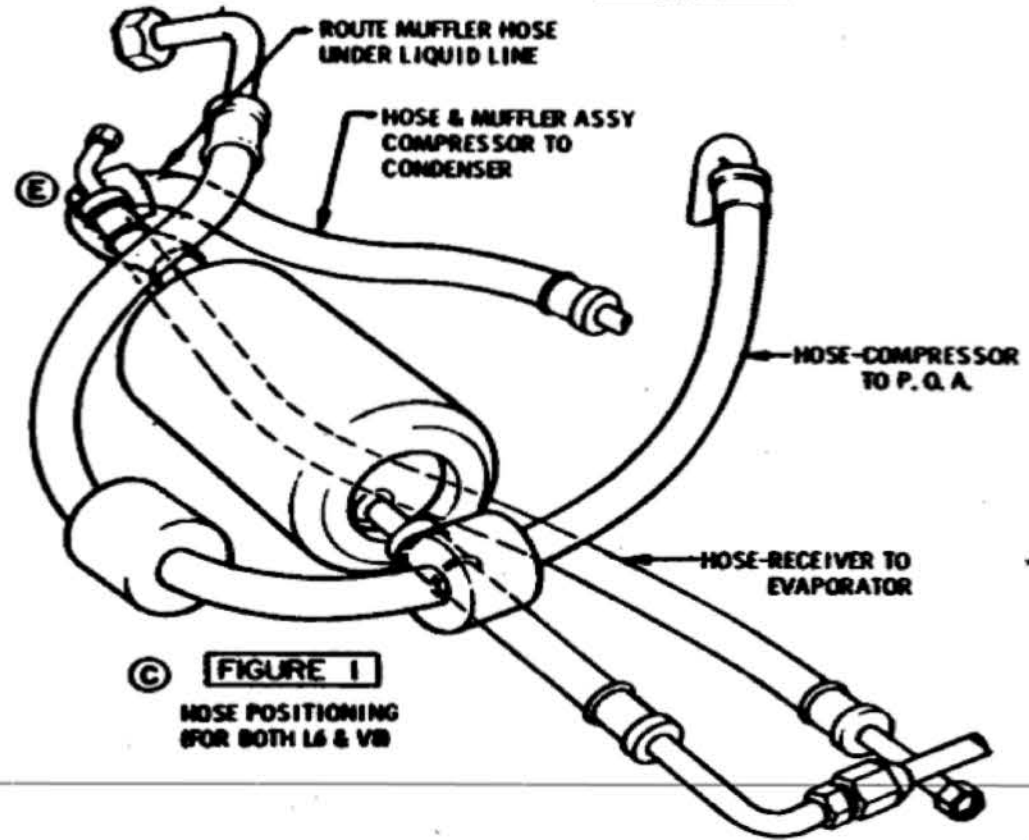


FIGURE 1

HOSE POSITIONING
(FOR BOTH L6 & V8)

L6 HOSE ROUTING
(SAME AS V8 EXCEPT AS NOTED)

⚠ 20-25 LB. FT.

DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	DATE	BY	REVISION

1-27 B INSULATION ADDED

2-24 D WAS 32478 HOSE REV

3-24 C VIEWS REV TO DETAIL

2-24 B TORQUE ADDED

2-24 A TORQUES REMOVED

TITLE **AIR CONDITIONING MUFFLER AND HOSES**

DATE **JAN 26, 1966**

DR. BY **B. PARKER**

CHECKED **[Signature]**

APPRO **E. C. [Signature]**

PART USED **1967**

OLDSMOBILE PRODUCT INFORMATION MANUAL

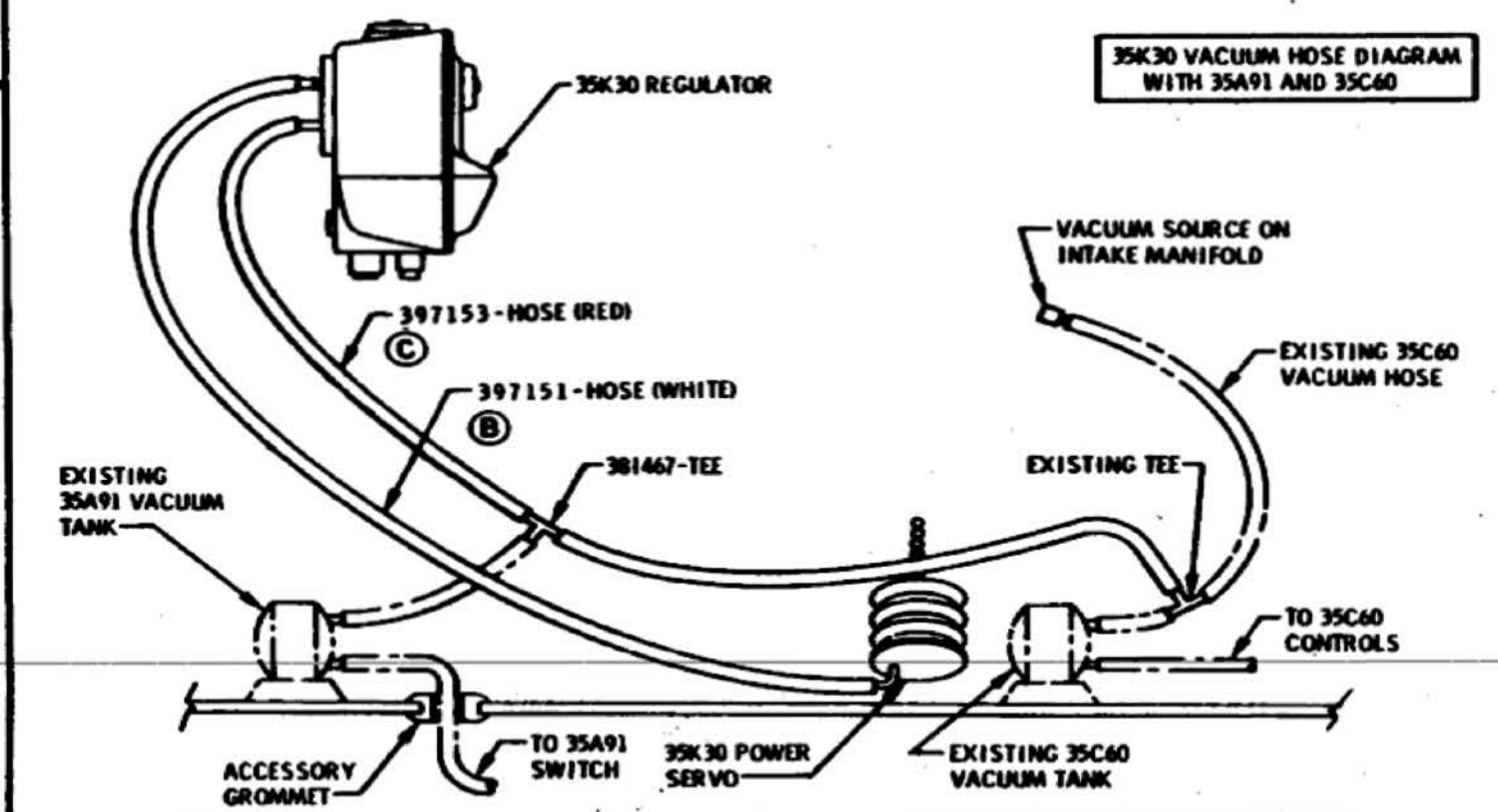
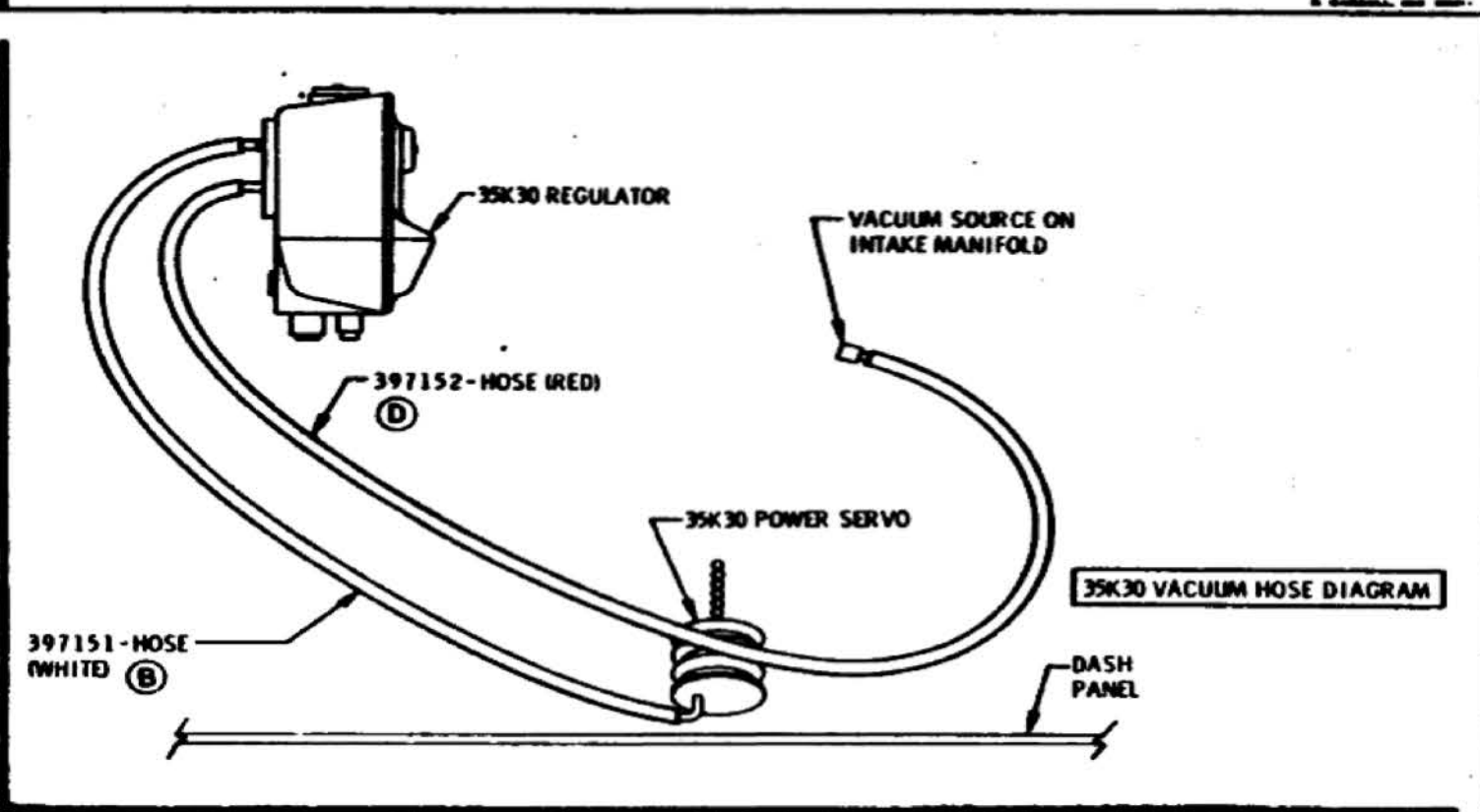
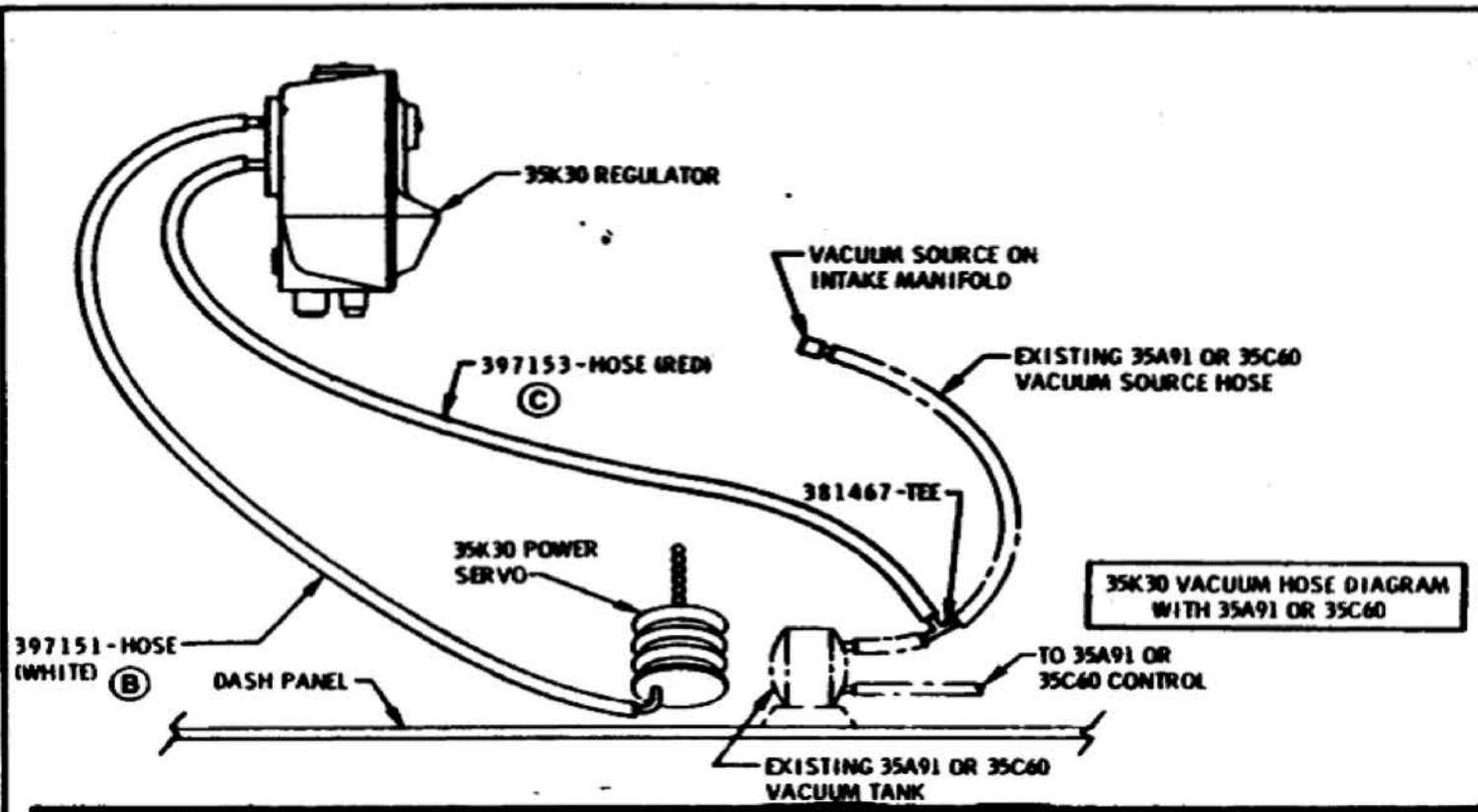
MANUAL SECTION **1-5**

PAGE **2.15**

REF. **35C60**

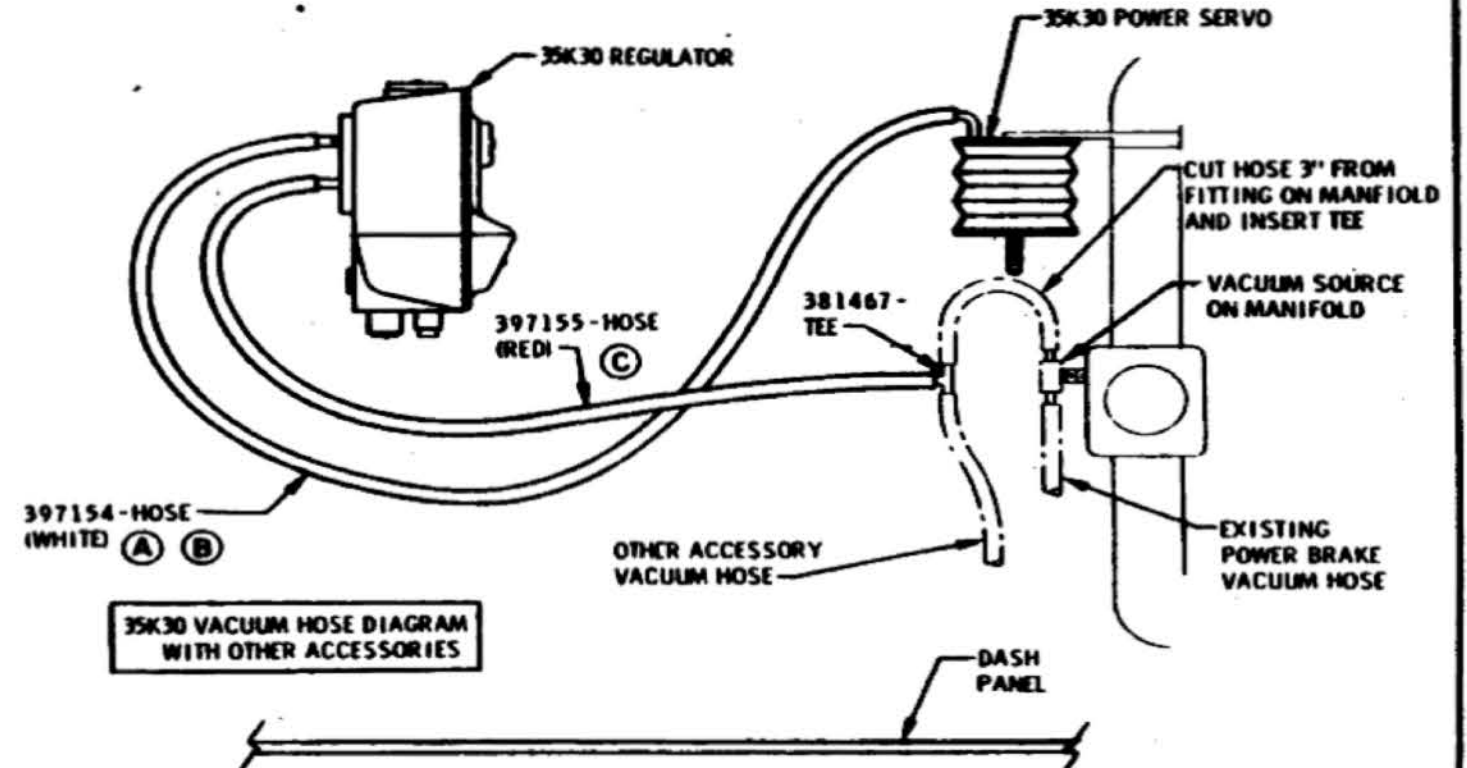
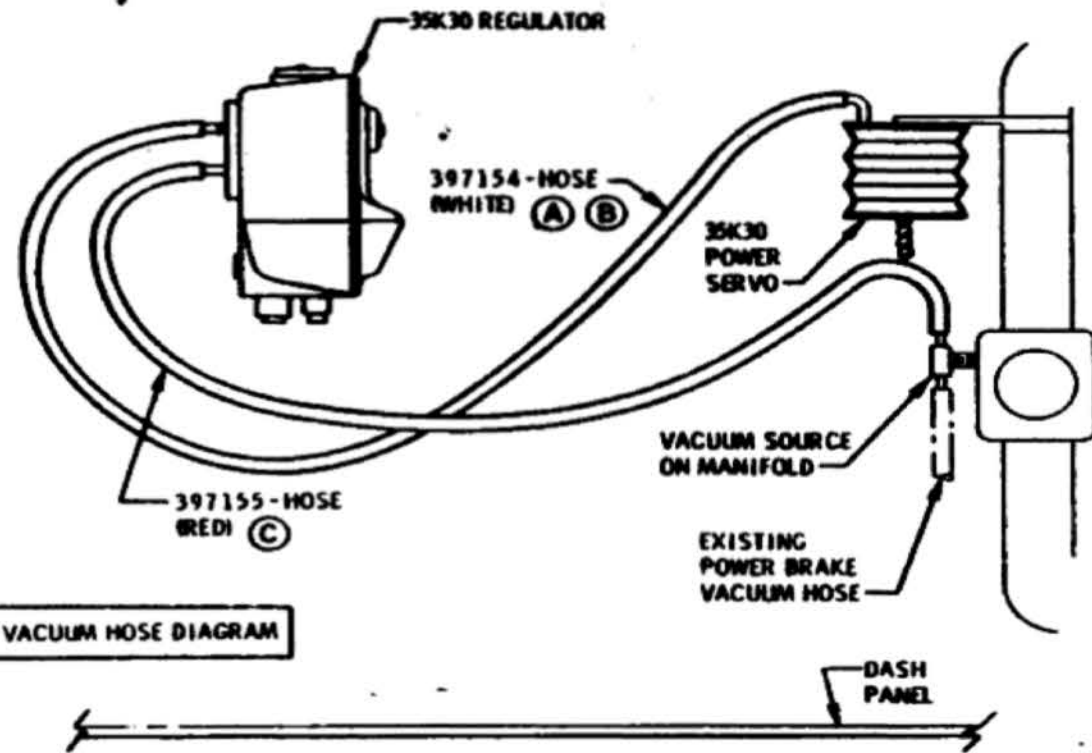
REV. **A**

PART NO. **394435**

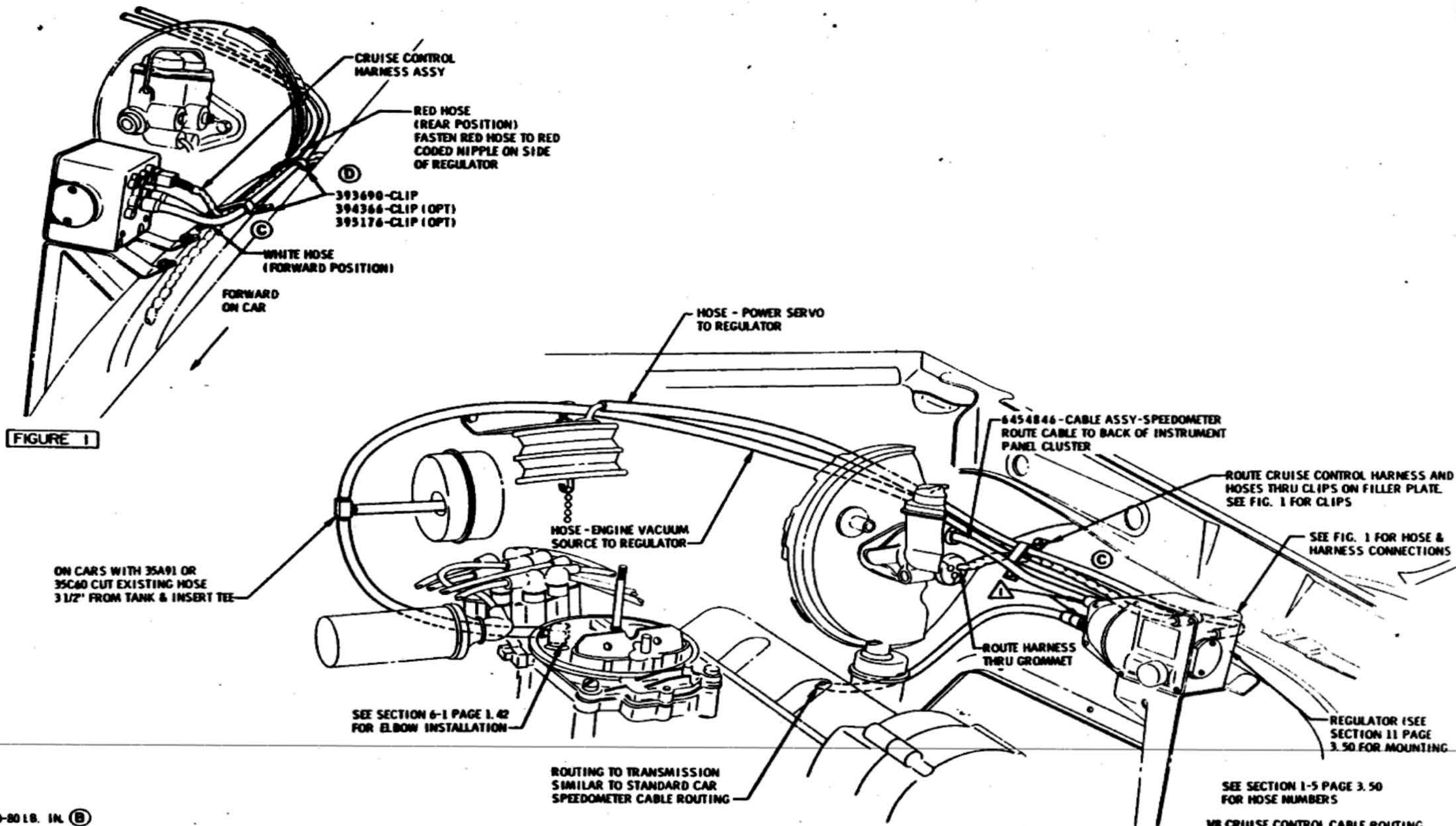


DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPV	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
					1-21-66	D	WAS 394283-HOSE									VACUUM HOSE DIAGRAM - CRUISE CONTROL (V8)	1967		1-5	3.50
					4-21-66	C	WAS 394282-HOSE										DATE JAN. 25, 1966			
					4-11-66	B	WAS 395073-HOSE REVISED.									DR BY CURT MAY				
					1-18-66	A	REGULATOR & HOSES									APPV				

REF 35 K 30	SERIES A	PART NO. 394435
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DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																VACUUM HOSE DIAGRAM - CRUISE CONTROL (L6)	1967		1-5	3.51
					8-21-66	C.	WIRE 394204-HOSE									DATE JAN. 25, 1966				
					9-21-66	B.	WYS 395022-HOSE									BY D.C. NIMBAUGH				
					8-19-66	A.	RES. KATON'S HOSE'S KEU... RES. KATON'S HOSE'S KEU...									CHECKED JEM				
																APPR [Signature]	REF. 35K30	SERIES A	PART NO. 394435	



⚠ 20-80 LB. IN. Ⓟ

REVISION				REVISION				REVISION				REVISION				REVISION				REVISION															
DATE	SYM	DR	CHK	DATE	SYM	DR	CHK	DATE	SYM	DR	CHK	DATE	SYM	DR	CHK	DATE	SYM	DR	CHK	DATE	SYM	DR	CHK	DATE	SYM	DR	CHK								

TITLE										CRUISE CONTROL CABLES																											
7-8-66 D PART NUMBERS ADDED					7-8-66 C ₂ HOSE & HARNESS ROUTING REV					5-11-66 B TORQUE ADDED					4-26-66 A REVISED & REDRAWN					DATE		APR. 26 1966		FIRST USED		1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		1-5		PAGE		3.55	
ROUTING TO TRANSMISSION SIMILAR TO STANDARD CAR SPEEDOMETER CABLE ROUTING										ROUTING TO TRANSMISSION SIMILAR TO STANDARD CAR SPEEDOMETER CABLE ROUTING										REF. 36 K 80		REV. A		PART NO.		394435											

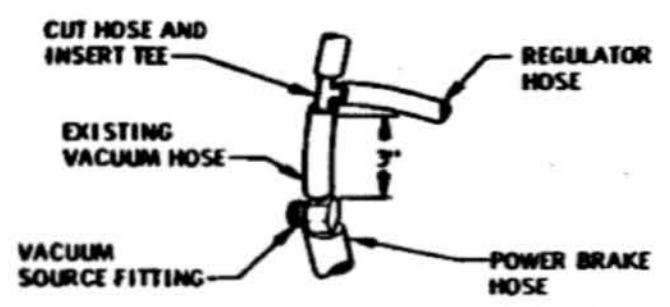
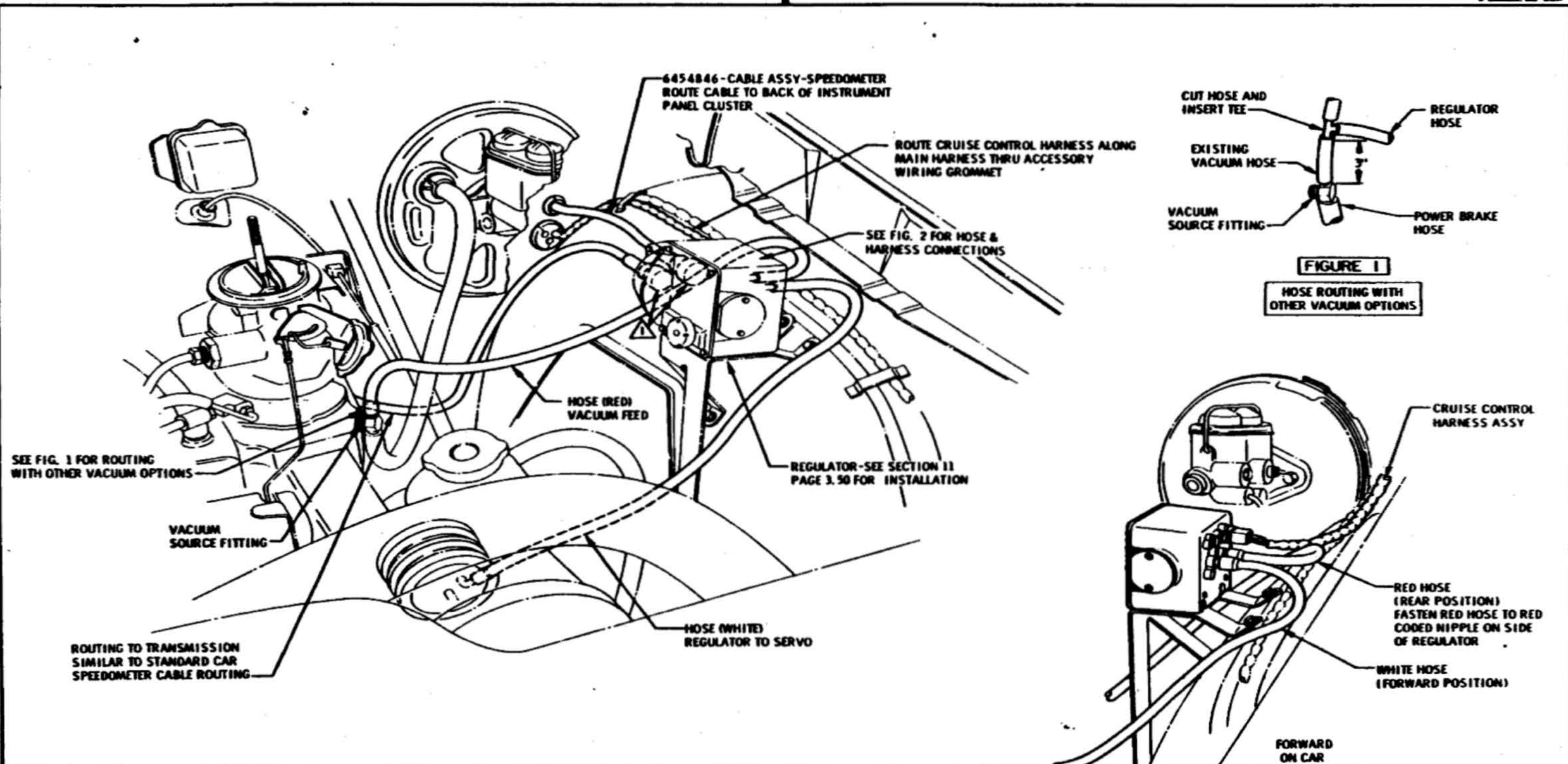


FIGURE 1
HOSE ROUTING WITH OTHER VACUUM OPTIONS

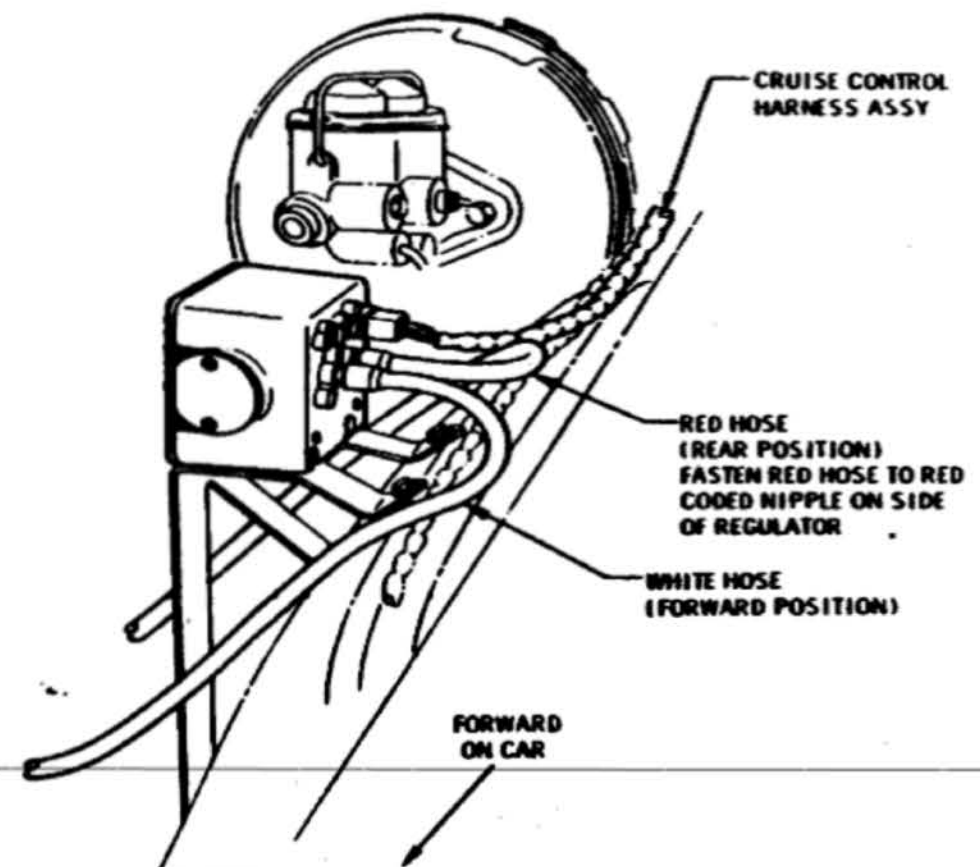
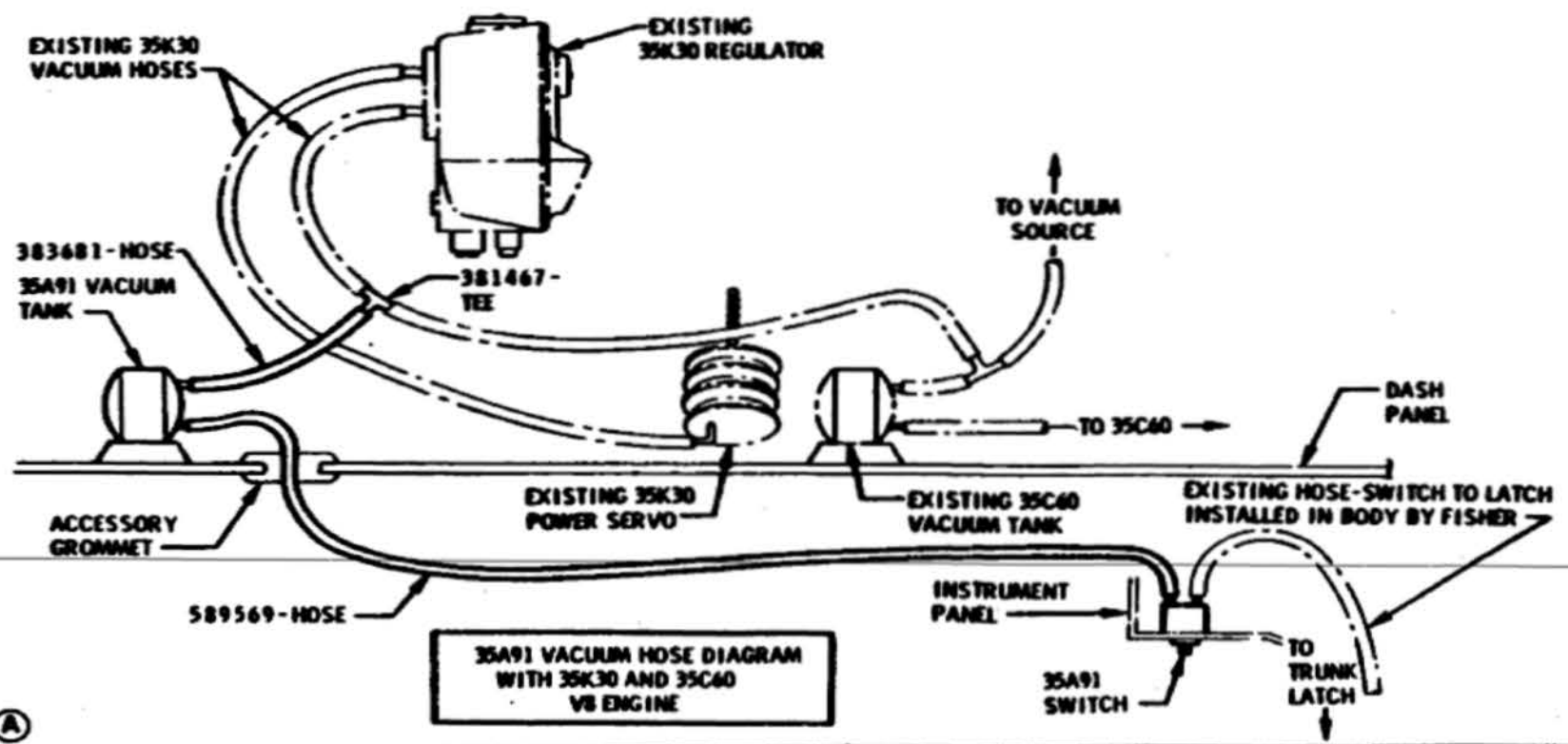
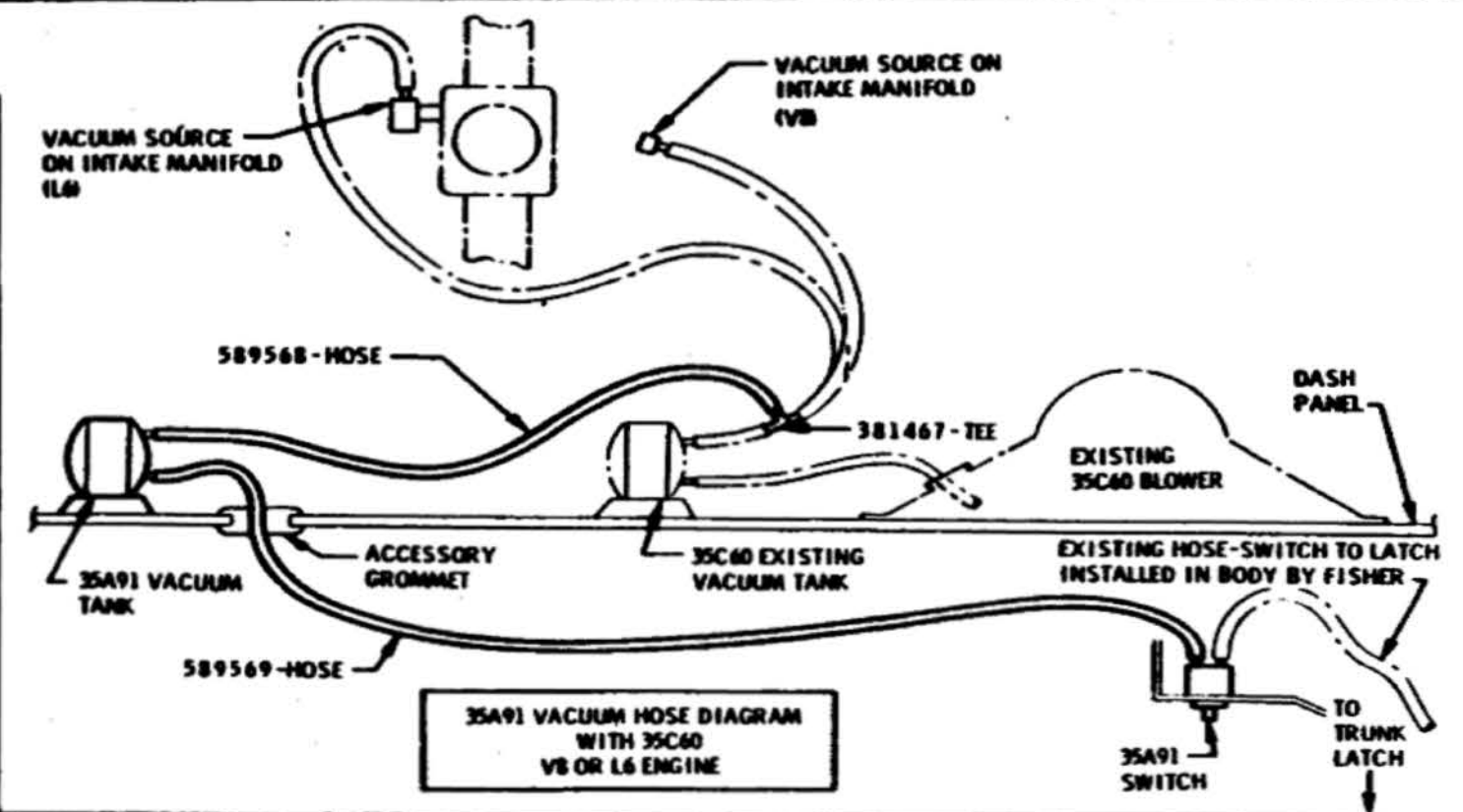
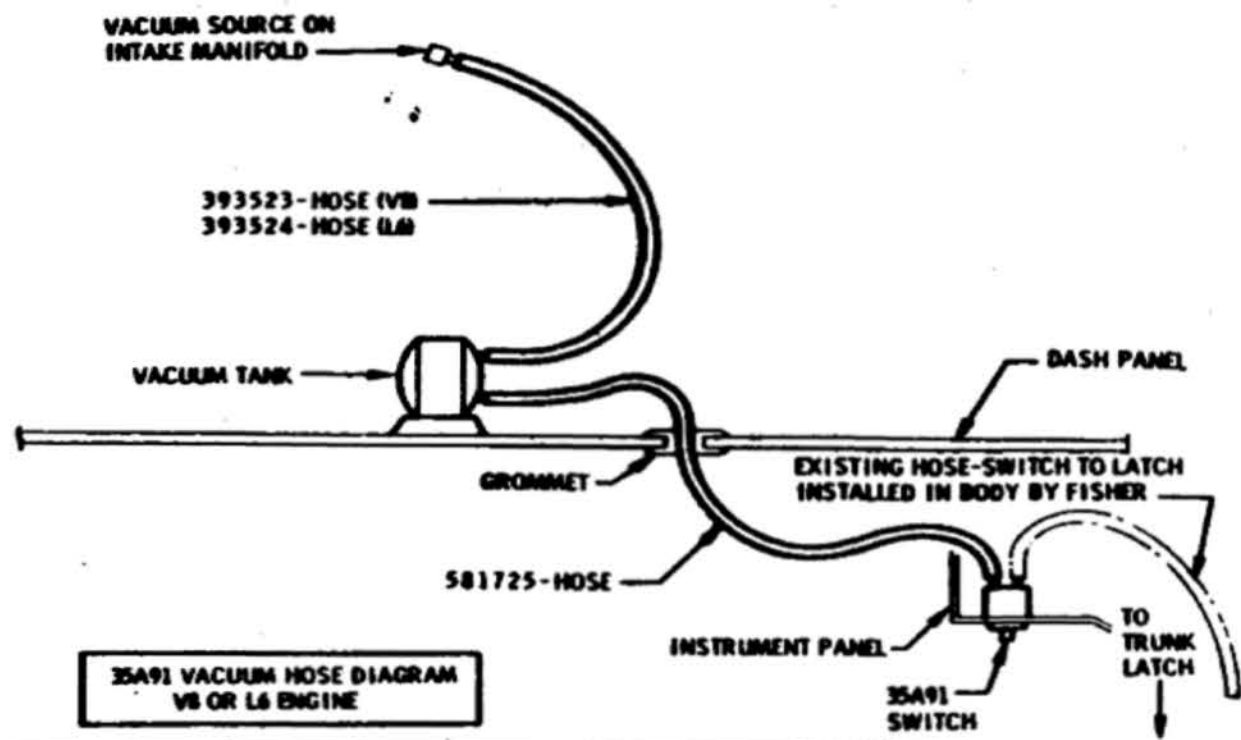


FIGURE 2

SEE SECTION 1-5 PAGE 3.51 FOR HOSE NUMBERS

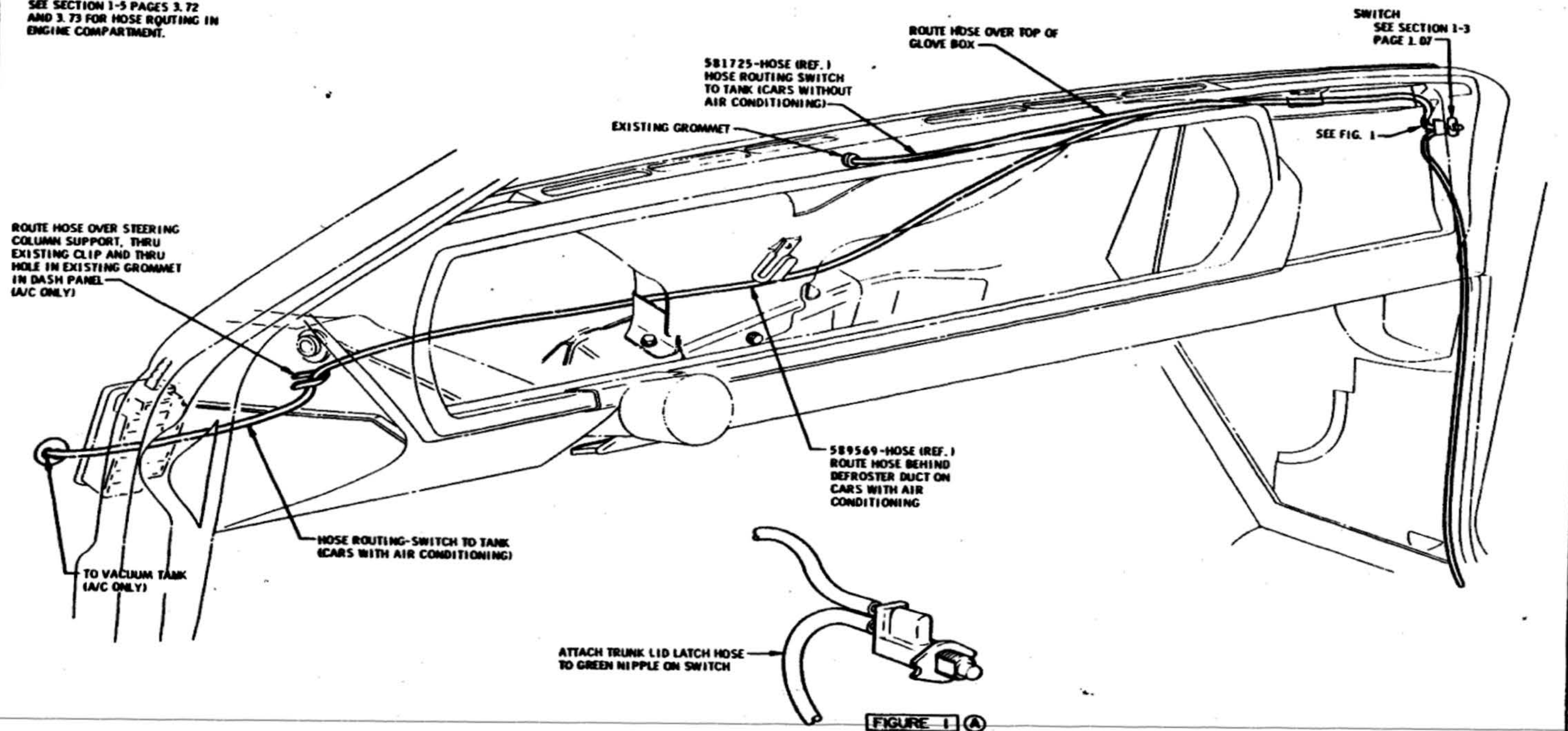
⚠ 20-80 LB. IN. Ⓟ

										TITLE				CRUISE CONTROL CABLES (L6)			
										DATE				FIRST USED			
										JAN. 23, 1966				1967			
										DR BY				OLDSMOBILE PRODUCT			
										J. WALL				INFORMATION MANUAL			
										CHECKED				MANUAL SECTION			
										J. G. DT				1-5			
										APPR				PAGE			
										3.56				PART NO			
										35K 30				394435			
										SERIES				A			

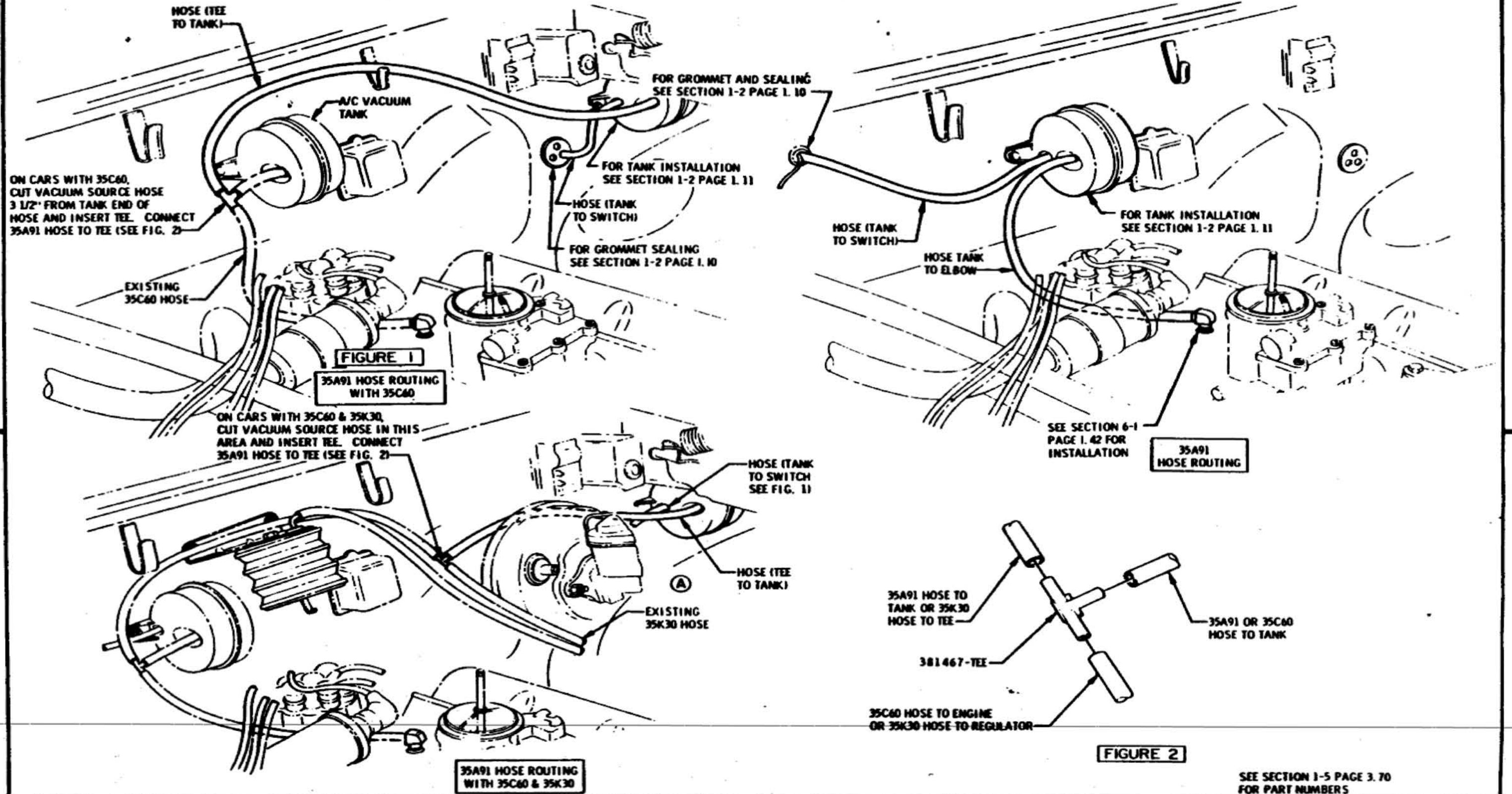


TITLE HOSE DIAGRAM-VACUUM TRUNK RELEASE				
DATE JAN 25 1966	PART USED 1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 1-5	PAGE 3.70
DR BY C.V. BEACHNAU	CHECKED [Signature]	APPR [Signature]	REV. 35A91	SERIES A
35106 A REGULATOR HOSES REV. 1/27			PART NO. 394435	

NOTE:
SEE SECTION 1-5 PAGES 3.72
AND 3.73 FOR HOSE ROUTING IN
ENGINE COMPARTMENT.



DATE	BY	REVISION	DR.	CK.	DATE	BY	REVISION	DR.	CK.	DATE	BY	REVISION	DR.	CK.	DATE	BY	REVISION		
													TITLE VACUUM TRUNK RELEASE HOSE (INSIDE OF CAR)						
										DATE JAN. 25, 1967		PART USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 1-5		PAGE 3.71	
										DR. BY J. GALL		CHIEF		REF. 35491		SERIES A		PART NO. 394435	



SEE SECTION 1-5 PAGE 3. 70
FOR PART NUMBERS

TITLE										TRUNK RELEASE VACUUM HOSE (V8)									
DATE					1967					FIRST USED		1967							
DR. BY										L. GALL		OLDSMOBILE PRODUCT		MANUAL SECTION		PAGE			
CHECKED										APR 5 1967		INFORMATION MANUAL		1-5		3.72			
PART 1 BACKGROUND REVISED										35A91		SERIES		A		PART NO			
DATE										35A91		SERIES		A		394435			
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.

BODY MOUNTING & FRAME - SECTION 2

1.00
1.01

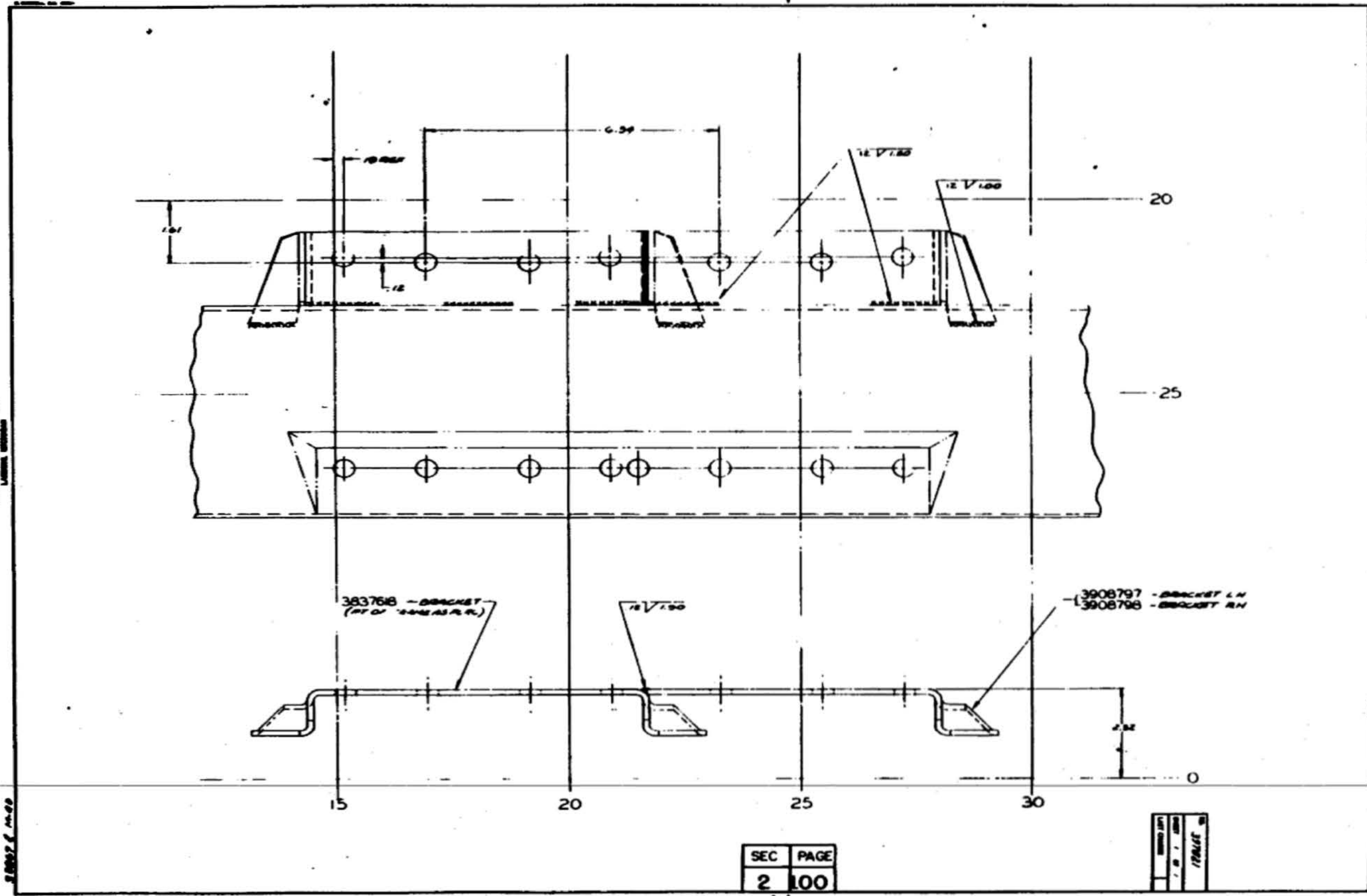
TRANSMISSION SUPPORT BRACKET TO FRAME (WELDING INSTRUCTIONS)
BODY MOUNTING AND FRAMES

(A)

DATE OF ISSUE 7-20-66

MANUAL NO. 394435

PAGE 0.01



REV	DATE	DESCRIPTION	BY	CHK
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

397821
 SHEET 1 OF 1
 LAST CHANGE

WELDING BEADS SHOULD BE SPACED 1/8" OR ALLOWED ON THE PLACE SHOWN & ON ALLOWED ON THESE PLACE SHOWN & ON ALL CASTINGS AND FORMING ALLOW FOR FORM AS FOLLOWS: R-1, R-2, R-3, R-4, R-5, R-6, R-7, R-8, R-9, R-10, R-11, R-12, R-13, R-14, R-15, R-16, R-17, R-18, R-19, R-20, R-21, R-22, R-23, R-24, R-25, R-26, R-27, R-28, R-29, R-30, R-31, R-32, R-33, R-34, R-35, R-36, R-37, R-38, R-39, R-40, R-41, R-42, R-43, R-44, R-45, R-46, R-47, R-48, R-49, R-50, R-51, R-52, R-53, R-54, R-55, R-56, R-57, R-58, R-59, R-60, R-61, R-62, R-63, R-64, R-65, R-66, R-67, R-68, R-69, R-70, R-71, R-72, R-73, R-74, R-75, R-76, R-77, R-78, R-79, R-80, R-81, R-82, R-83, R-84, R-85, R-86, R-87, R-88, R-89, R-90, R-91, R-92, R-93, R-94, R-95, R-96, R-97, R-98, R-99, R-100.

DO NOT SCALE

DESIGNED BY JANE G. 1964	CHECKED BY E. NELSEN
DRAWN BY FULL	BY BEDFORD
DATE 1-9-7	DATE 1-11-68
QUANTITY 10-2754	DATE 1-11-68

DISTRIBUTION - TRANSMISSION
 SUPPORT BRACKET (WELDING)

397821

SEC	PAGE
2	100

A

CLASSIFICATION

397821

17818

1377365-BODY MOUNT
(COMP) (YELLOW)
(EXC. 3539, 3639, 3839)
384770-BODY MOUNT
(COMP) (PLAIN)
(3539, 3639, 3839)

1377363-BODY MOUNT
(COMP) (4 RIBS)
(EXC. 3539, 3639, 3839)
387819-BODY MOUNT
(COMP) (ORANGE)
(3539, 3639, 3839)

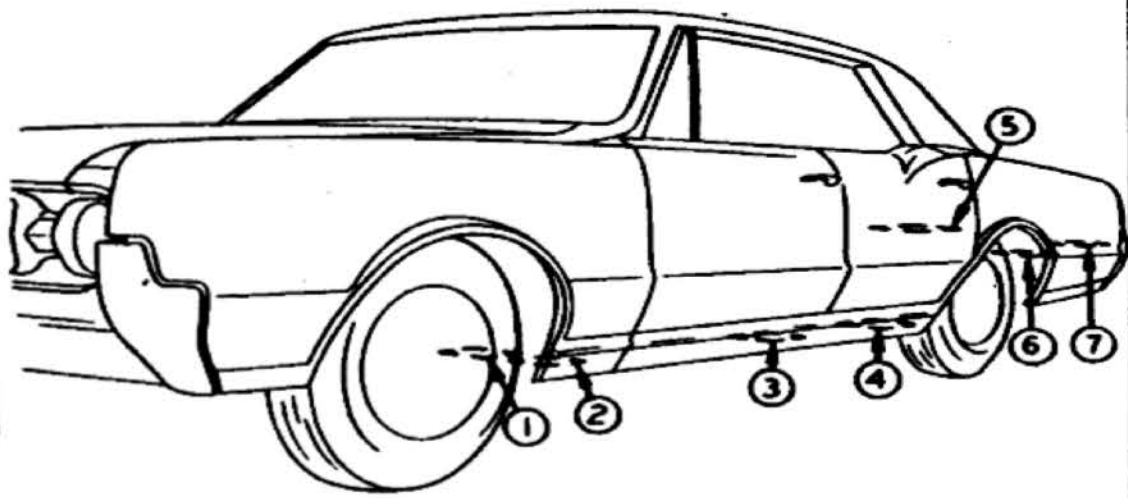
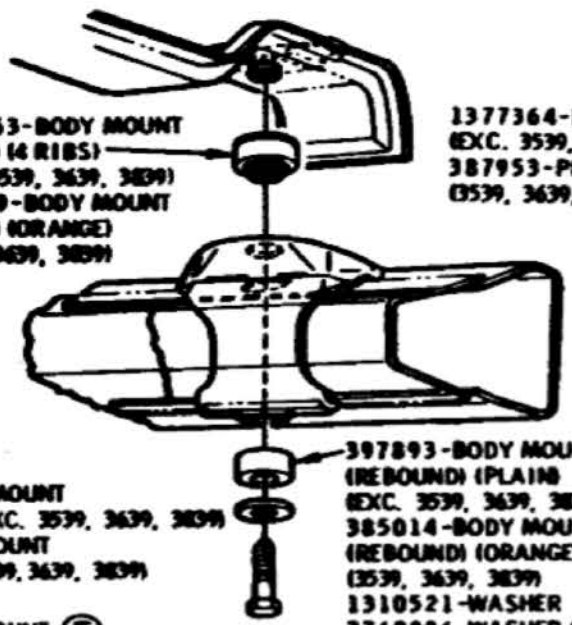
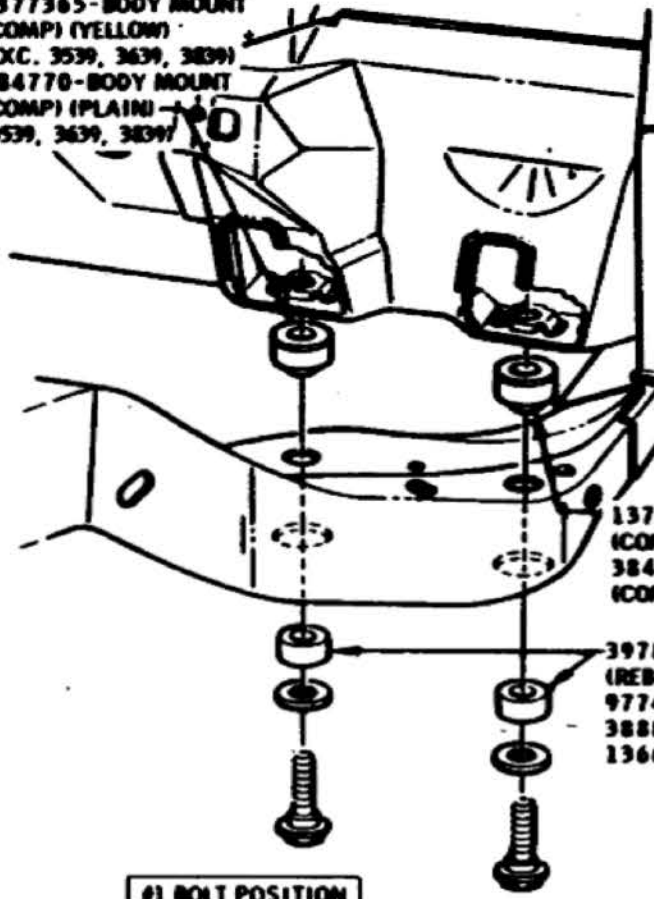
1377364-PLUG (YELLOW)
(EXC. 3539, 3639, 3839)
387953-PLUG (PLAIN)
(3539, 3639, 3839)

1377366-BODY MOUNT
(COMP) (6 RIBS) (EXC. 3539, 3639, 3839)
384770-BODY MOUNT
(COMP) (PLAIN) (3539, 3639, 3839)

397893-BODY MOUNT
(REBOUND) (PLAIN) (F)
9774425-WASHER (G)
388864-WASHER (OPT.)
1366144-BOLT (A)

397893-BODY MOUNT
(REBOUND) (PLAIN)
(EXC. 3539, 3639, 3839)
385014-BODY MOUNT
(REBOUND) (ORANGE)
(3539, 3639, 3839)
1310521-WASHER
3760886-WASHER (OPT.)
386787-BOLT
1366143-BOLT (OPT.)

1377364-PLUG (YELLOW)
(EXC. 3539, 3639, 3839)
387953-PLUG (PLAIN)
(3539, 3639, 3839)

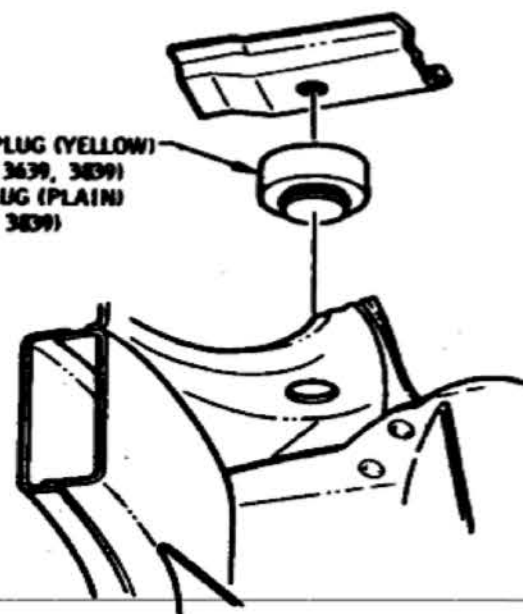


#1 BOLT POSITION

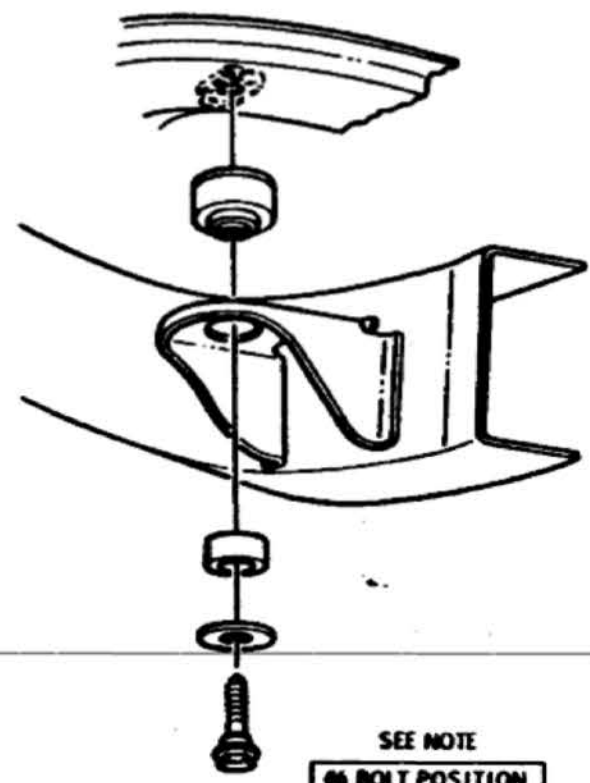
#2 BOLT POSITION

#4 BOLT POSITION

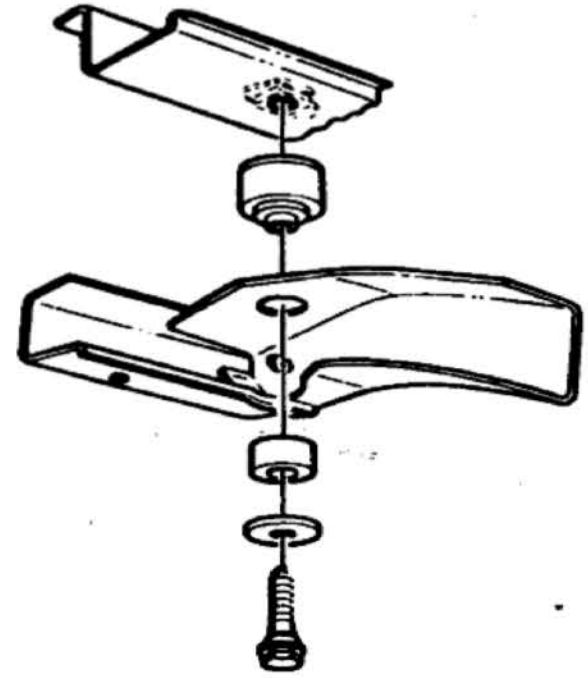
#3 BOLT POSITION



#5 BOLT POSITION



#6 BOLT POSITION



#7 BOLT POSITION

(SAME AS BOLT POSITION #2)

FRAME USAGE CHART

FRAME ASSY NO.	CODE	GROUP	USAGE
9786306*	GH	2B	3300 & 3500 (EXC. 3567)
395402	GJ	2B	ALL MODELS EXC. 35F35 & CONVERTIBLES & EXTENDED WAGON
395403	GK	2B	EXTENDED WAGONS ONLY
396716	GM	35M40	
395404	GL	2B	CONVERTIBLES
		35F35	3407, 69, 3617, 69, 3807, 17, 69

* OPTIONAL TO 395402

35 - 45 LB. FT.

(SAME AS BOLT POSITION #1)

REVISIONS				TITLE		BODY MOUNTING & FRAME	
8-15-66	E	39 MODEL MOUNTS ADD.	1	DATE	FEBRUARY 9, 1966	FIRST USED	1967
7-29-66	D	WAS 1377369-CUSHION	2	DR BY	W.E. MASON	OLDSMOBILE PRODUCT	INFORMATION MANUAL
7-8-66	C	BODY MOUNTINGS REV.	3	CHECKED	W. E. Mason	MANUAL SECTION	2
4-4-66	B	PART NO. ADDED	4	APPR		PAGE	1.01
3-14-66	A	TORQUE ADDED	5	SERIES	A	PART NO.	394435
10-24-66	F	NOMENCLATURE REVISED	6	REV			

FRONT SUSPENSION - SECTION 3

- 1.01 FRONT SPRING USAGE CHART**
- 1.04 FRONT AND REAR WHEEL ALIGNMENT LAYOUT**
- 1.05 KNUCKLE SHOP ASSEMBLY CODE CHART**
- 1.10 STEERING LINKAGE**
- 1.20 FRONT SUSPENSION**

FRONT SUSPENSION SPRING USAGE - 1967 F-85

Ⓕ

SERIES	MODEL	SM-FS TRANSMISSION		AUTOMATIC TRANSMISSION		SM-FS & AUTOMATIC TRANSMISSION							
		SC	35C40	35M33 & 35M40	35C40	V774 & 98F74		POLICE		POLICE		35M28 & 35M29 (F80)	
						EXPORT EXC. A/C	EXPORT WITH A/C	EXC. A/C	WITH A/C	EXC. A/C	WITH A/C	EXC. A/C	WITH A/C
(E) STD. CAR	(E) STD. CAR WITH A/C	(E) EXC. A/C	(E) WITH A/C	EXPORT EXC. A/C	EXPORT WITH A/C	EXC. A/C	WITH A/C	EXC. A/C	WITH A/C	EXC. A/C	WITH A/C	EXC. A/C	WITH A/C
33300 L6	07	383909 SD	382818 SJ	383909 SD	382818 SJ	382819 SI	384543 SR	384117 SV	384117 SV	384117 SV	384117 SV	NA	NA
	35	383910 SE	381940 SK	383910 SE	381940 SK	382818 SJ	385016 SU	384117 SV	384117 SV	NA	NA	NA	NA
	69	383910 SE	381940 SK	383910 SE	381940 SK	382818 SJ	384544 SS	384117 SV	384117 SV	384117 SV	384117 SV	NA	NA
33400 V8	07	384544 SS	386288 SY	381946 SL	384752 ST	384544 SS	386288 SY	389421 RP	389422 RS	389421 RP	389422 RS	N.A.	N.A.
	35	381946 SL	386288 SY	381946 SL	386288 SY	385016 SU	386288 SY	389421 RP	389422 RS	NA	NA	NA	NA
	65	388285 RH	394553 LF	388285 RH	394553 LF	388285 RH	394553 LF	389421 RP	389422 RS	NA	NA	NA	NA
	69	384544 SS	386288 SY	381946 SL	386288 SY	384544 SS	386288 SY	389421 RP	389422 RS	389421 RP	389422 RS	NA	NA
33500 L6	17	383909 SD	382818 SJ	383909 SD	382818 SJ	382819 SI	384543 SR	384117 SV	384117 SV	384117 SV	384117 SV	NA	NA
	35	383910 SE	381940 SK	383910 SE	381940 SK	382818 SJ	385016 SU	384117 SV	384117 SV	NA	NA	NA	NA
	39	383910 SE	381940 SK	383910 SE	381940 SK	382818 SJ	384544 SS	384117 SV	384117 SV	384117 SV	384117 SV	NA	NA
	67	383910 SE	381940 SK	383910 SE	381940 SK	382818 SJ	384544 SS	NA	NA	NA	NA	NA	NA
	69	383910 SE	381940 SK	383910 SE	381940 SK	382818 SJ	384544 SS	384117 SV	384117 SV	384117 SV	384117 SV	NA	NA
33600 V8	17	384544 SS	386288 SY	381946 SL	384752 ST	384544 SS	386288 SY	389421 RP	389422 RS	389421 RP	389422 RS	NA	NA
	35	381946 SL	386288 SY	381946 SL	386288 SY	385016 SU	386288 SY	389421 RP	389422 RS	NA	NA	NA	NA
	39	384544 SS	386288 SY	381946 SL	386288 SY	384544 SS	386288 SY	389421 RP	389422 RS	389421 RP	389422 RS	NA	NA
	67	384752 ST	386288 SY	384544 SS	386288 SY	384752 ST	386288 SY	NA	NA	NA	NA	NA	NA
	69	384544 SS	386288 SY	381946 SL	386288 SY	384544 SS	386288 SY	389421 RP	389422 RS	389421 RP	389422 RS	NA	NA
33800 V8	07	384544 SS	386288 SY	381946 SL	384752 ST	384544 SS	386288 SY	389421 RP	389422 RS	N.A.	N.A.	389421 RP	389422 RS
	17	384544 SS	386288 SY	381946 SL	384752 ST	384544 SS	386288 SY	389421 RP	389422 RS	NA	NA	389421 RP	389422 RS
	39	384544 SS	386288 SY	381946 SL	386288 SY	384544 SS	386288 SY	389421 RP	389422 RS	NA	NA	NA	NA
	55	388285 RH	394553 LF	388285 RH	394553 LF	388285 RH	394553 LF	389421 RP	389422 RS	NA	NA	NA	NA
	65	388285 RH	394553 LF	388285 RH	394553 LF	388285 RH	394553 LF	389421 RP	389422 RS	NA	NA	NA	NA
	67	384752 ST	386288 SY	384544 SS	386288 SY	384752 ST	386288 SY	NA	NA	NA	NA	389421 RP	389422 RS
	69	384544 SS	386288 SY	381946 SL	386288 SY	384544 SS	386288 SY	389421 RP	389422 RS	NA	NA	NA	NA

SPRINGS SHOULD BE USED EITHER LOW RANGE ON BOTH SIDES OF CAR OR HIGH RANGE ON BOTH SIDES OF CAR.

TAPE IDENTIFICATION:

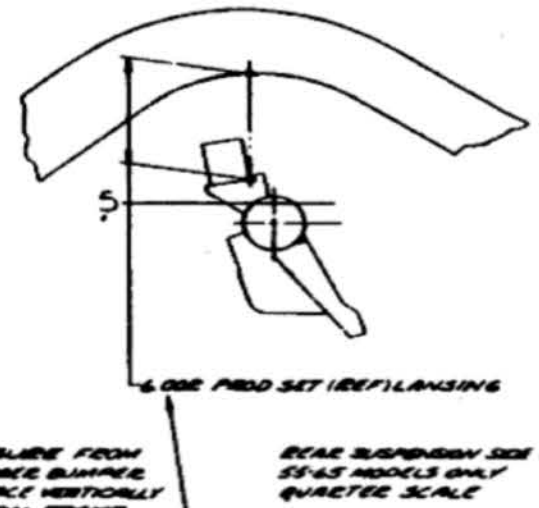
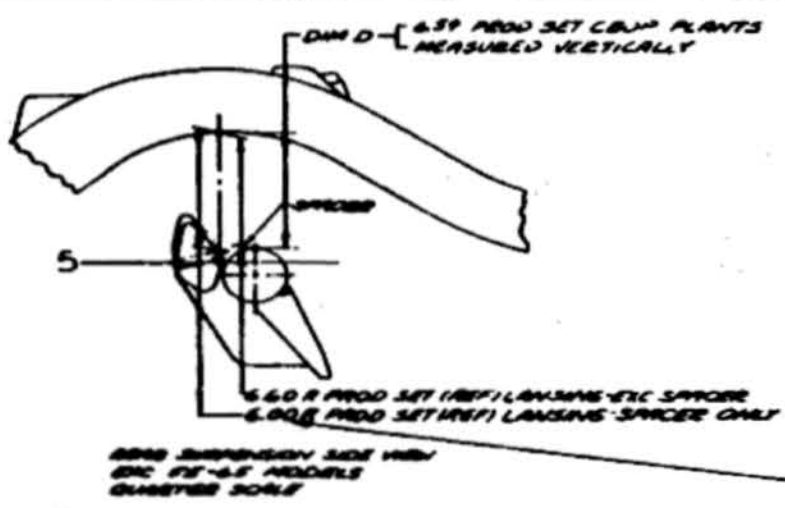
HIGH LOAD RANGE-PLAIN IDENTIFICATION.
LOW LOAD RANGE-BLACK CIRCLE AROUND CODE LETTER.

FOR SPRING DETAIL SEE DRAWING 381935

DATE	BYM	REVISION	OR	CL	DATE	BYM	REVISION	OR	CL	DATE	BYM	REVISION	OR	CL	DATE	BYM	REVISION	OR	CL	APPR.

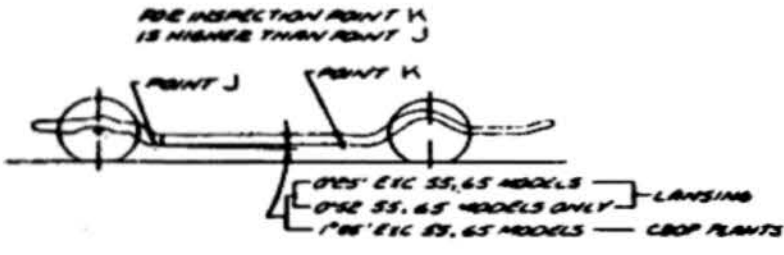
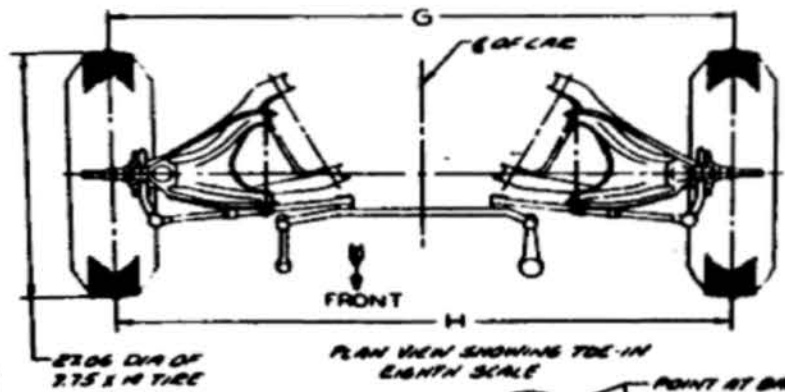
TITLE CHART-FRONT SPRING USAGE		DATE DEC. 28, 1965		FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 3		PAGE 1.01	
OR BY J.E. CASLER		CHECKED J.N. BATES		DATE 8.2.66		SERIES A		PART NO. 395464			

OLDSMOBILE DIVISION



MEASURE FROM REAR EDGE OF BUMPER AT MOUNTING SURFACE VERTICALLY TO LOWEST POINT ON FRAME (OUTER SIDE BAR)

NO.	DESCRIPTION	DATE	BY
1	REVISION		
2	REVISION		
3	REVISION		
4	REVISION		
5	REVISION		
6	REVISION		
7	REVISION		
8	REVISION		
9	REVISION		
10	REVISION		
11	REVISION		
12	REVISION		
13	REVISION		
14	REVISION		
15	REVISION		
16	REVISION		
17	REVISION		
18	REVISION		
19	REVISION		
20	REVISION		



PRODUCTION METHOD CAR AT PRODUCTION SETTING HEIGHT (FRONT WHEELS)

TOE-IN, CAMBER AND CASTER

PRODUCTION SET CAR AT FRONT CARRYING HEIGHT USING DIMENSION Z (PROD) AND POSITION FRAME SIDE BAR TO ANGLE SHOWN BETWEEN POINTS J & K

SERVICE SET CAR TO NORMAL CURB CARRYING HEIGHT USING ROLLER PANEL TO GROUND DIMENSIONS (GAS TANK FULL, TRUNK EMPTY ETC. FOR SPRING JACK)

TOE-IN
LANSING PROD SETTING DIMENSION G 10" TO 16" GREATER THAN DIMENSION H.
CBOP PLANTS PROD SETTING DIM G 10" TO 16" GREATER THAN DIMENSION H VEHICLE MUST BE AT FREE STANDING HEIGHT IN THE AS SHIPPED CONDITION. A MINIMUM OF ONE COMPLETE THREAD MUST PROJECT BEYOND EACH END OF THE ROD SLEEVE AFTER TIGHTENING IS SET (ALL PLANTS)
SERVICE LIMIT - DISTANCE FROM ONE TIRE TO THE OTHER AT POINT G SHOULD BE 1/2" TO 3/4" GREATER THAN AT POINT H.

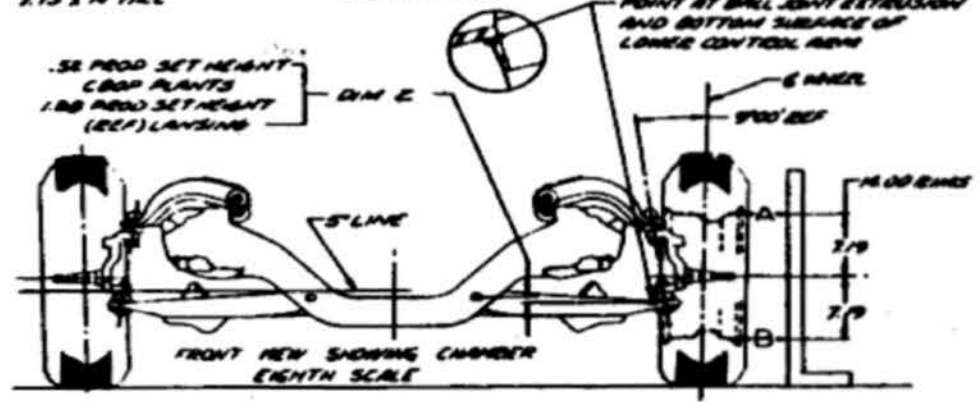
CAMBER
LANSING PROD SETTING CAMBER ANGLE 1/2° POSITIVE ± 3/4°
CBOP PLANTS PROD SETTING CAMBER ANGLE 1/2° POSITIVE
SERVICE LIMIT - CAMBER ANGLE 1/2° NEG TO 1/2° POSITIVE
EQUIVALENT DISTANCE A IS LESS TO .06 INCH THAN B
MAXIMUM VARIATIONS BETWEEN THE TWO SIDES OF THE CAR SHOULD NOT EXCEED 1/4" FOR BOTH PROD & SERVICE SETTINGS.

CASTER
LANSING PROD SETTING CASTER ANGLE TO BE 1/2° NEGATIVE ± 3/4°
CBOP PLANTS PROD SETTING CASTER ANGLE 1/2° POSITIVE
SERVICE LIMIT - CASTER ANGLE TO BE 1/2° NEG TO 1/2° POSITIVE
MAXIMUM VARIATIONS BETWEEN THE TWO SIDES OF THE CAR SHOULD NOT EXCEED 1/4" FOR BOTH PROD AND SERVICE SETTINGS.

TURNING ANGLE - INNER WHEEL 25° 15"
- OUTER WHEEL 25° 35"

FRONT WHEEL TRACK (AT AROUND) ALL MODELS 58.00 CURB.

REAR WHEEL TRACK: ALL MODELS 53.00



391960
1 1 1
1 1 1

TELEPHONE CORDS SHOWN SPECIFIED & IS SHOWN ON THIS PAGE SHOULD BE AS SHOWN ON THESE PAGE SHOULD BE ALL CORDS AND PAGES AS FOLLOWS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

DO NOT SCALE

JAN 8, 1966 J. H. HODGESON
AS NOTED M. P. MESSER
1966 J. S. HODGESON
1966 J. S. HODGESON

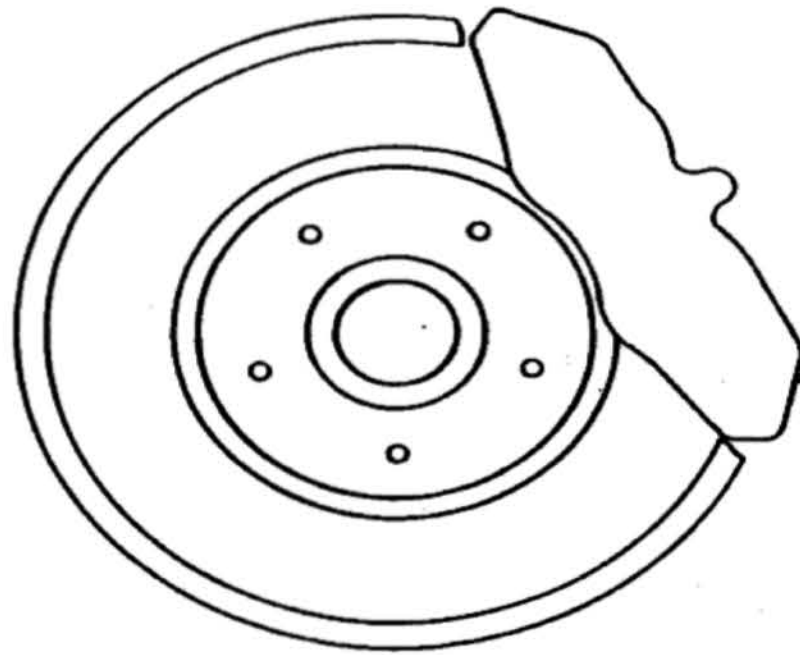
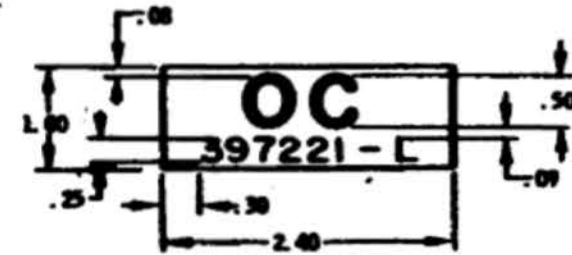
LAYOUT - FRONT & REAR WHEEL ALIGNMENT

391960

SEC	PAGE
3	104

ONE/RT

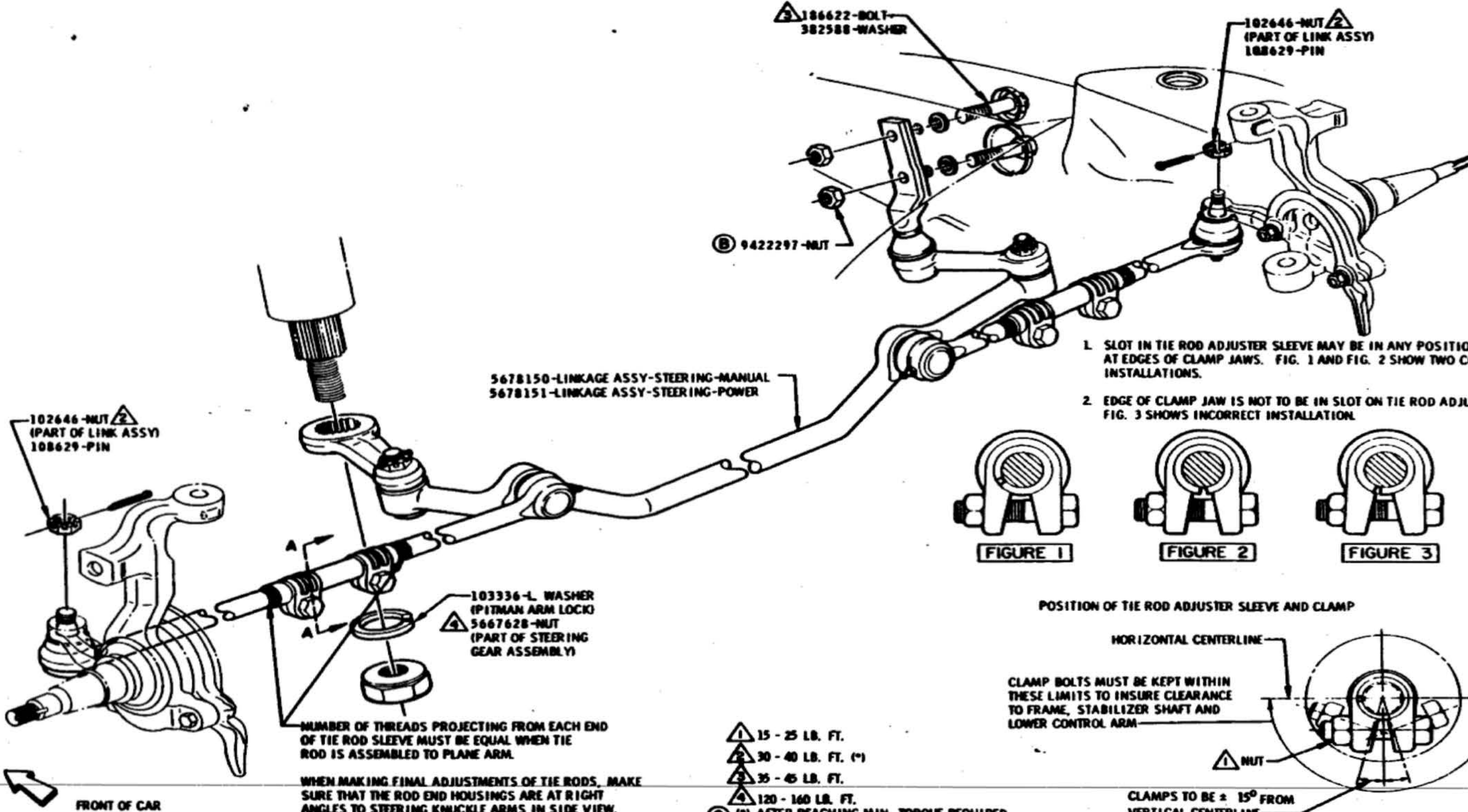
A USAGE				
STEERING KNUCKLE ASSEMBLIES				
CODE	STEERING	MODEL	PART NO.	TYPE
OC	MANUAL	52, 54, 56, 58 WITH J52 EXC. 35W33	397220-R. 397221-L.	FIRST TYPE
OC	MANUAL	52, 54, 56, 58 WITH J52 EXC. 35W33	398400-R. 398401-L.	SECOND TYPE
OH	MANUAL	5609 WITH 35W33	399334-R. 399335-L.	FIRST TYPE
OH	MANUAL	5609 WITH 35W33	399336-R. 399337-L.	SECOND TYPE
OE	POWER	52, 54, 56, 58 WITH J52	397222-R. 397223-L.	FIRST TYPE
OE	POWER	52, 54, 56, 58 WITH J52	398402-R. 398403-L.	SECOND TYPE
OM		ALL F-85 WITH J52	397184-R. 397185-L.	FIRST TYPE
OM		ALL F-85 WITH J52	399162-R. 399163-L.	SECOND TYPE



STICKER TO BE
INSTALLED ON THIS
SURFACE OF CALIPER
WHEN SHOP ASSY
IS COMPLETED.

J52 ONLY SHEET 2

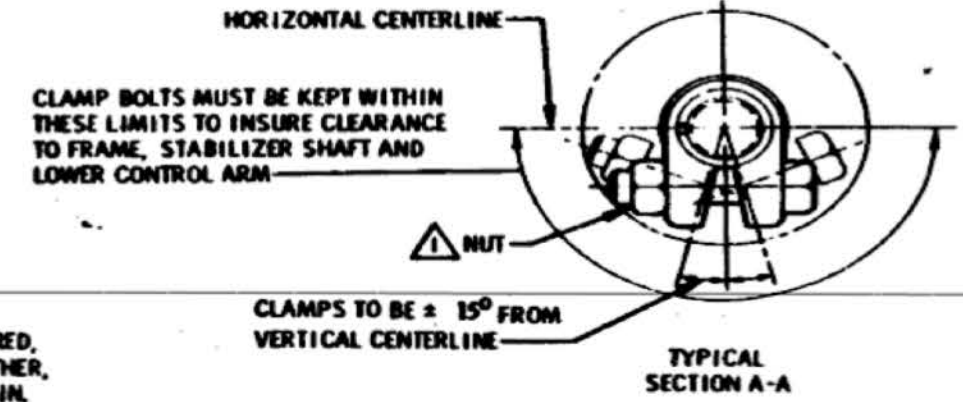
TITLE CHART - KNUCKLE SHOP ASSEMBLY CODE									
DATE <i>JUNE 3, 1966</i>					FIRST USED		OLDSMOBILE PRODUCT		MANUAL SECTION
DR. BY <i>DON WALKIN</i>					1967		INFORMATION MANUAL		3
CHECKED <i>J.M.A.M.S.</i>									PAGE
									1.06
11/1/66 A CHART REVISED							SERIES		PART NO.
							A-B-C		397689
DATE	BY	REVISION	DR. CK.	DATE	BY	REVISION	DR. CK.	DATE	BY



1. SLOT IN TIE ROD ADJUSTER SLEEVE MAY BE IN ANY POSITION EXCEPT AT EDGES OF CLAMP JAWS. FIG. 1 AND FIG. 2 SHOW TWO CORRECT INSTALLATIONS.
2. EDGE OF CLAMP JAW IS NOT TO BE IN SLOT ON TIE ROD ADJUSTER SLEEVE. FIG. 3 SHOWS INCORRECT INSTALLATION.



POSITION OF TIE ROD ADJUSTER SLEEVE AND CLAMP



NUMBER OF THREADS PROJECTING FROM EACH END OF TIE ROD SLEEVE MUST BE EQUAL WHEN TIE ROD IS ASSEMBLED TO PLANE ARM.

WHEN MAKING FINAL ADJUSTMENTS OF TIE RODS, MAKE SURE THAT THE ROD END HOUSINGS ARE AT RIGHT ANGLES TO STEERING KNUCKLE ARMS IN SIDE VIEW.

①	15 - 25 LB. FT.
②	30 - 40 LB. FT. (*)
③	35 - 45 LB. FT.
④	120 - 160 LB. FT.

(*) AFTER REACHING MIN. TORQUE REQUIRED, NUT MUST ALWAYS BE TIGHTENED FURTHER, NEVER BACK OFF, TO INSERT COTTER PIN.

REVISION											TITLE										
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPV.	STEERING LINKAGE					
					11-28-66	J	NOTES ADDED									DATE FEBRUARY 3, 1967	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	
					9-17-66	B	NWS 8830803-NUT									1967			3	1.10	
					5-18-66	A	TORQUES ADDED														
												NET	SERIES	PART NO. 394435							
													A								

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION LANSING - MICHIGAN

G. M. A. D. PLANTS ONLY

3751348-SHIM I. 120
3751284-SHIM I. 060
3751282-SHIM I. 030

390708-SHIM I. 120
390707-SHIM I. 060
390706-SHIM I. 030

LANSING PLANT ONLY

SHIM AS REQUIRED TO OBTAIN CASTER & CAMBER SPEC AFTER SUSPENSION IS ASSEMBLED TO FRAME
MAX. .720
MIN. .120

9422299-NUT
381909-BOLT
DO NOT APPLY WRENCH TORQUE TO HEAD OF BOLT. SERRATIONS HOLD BOLT WHEN PRESSED INTO BRKT.

(LANSING PLANT ONLY)

1365067-NUT
5544049-RETAINER
381957-GROMMET

381957-GROMMET
5544049-RETAINER

9421430-BOLT
9422301-L. NUT

SEE STABILIZER & BUSHING CHART ON PAGE 3, L. 21

394130-BRACKET-STABILIZER
9422107-SCREW

FOR SPRING USAGE SEE CHART PAGE L. 01

SEE SHOCK ABSORBER CHART IN SECTION "O"

391010-R. H. -ARM ASSY-LOWER CONTROL
391011-L. H.

9420555-SCREW

391359-SPRING NUT

395600-R. H. -ARM ASSY UPPER CONTROL
395601-L. H.

384220-BUMPER UPPER ARM

DRUM BRAKE SHOWN, DISC BRAKE KNUCKLE ASSY INSTALLATION SAME.

SEE KNUCKLE SHOP ASSY CODE CHART IN SECT. 3

103386-PIN
102647-NUT

9418843-NUT
103385-PIN

1365065-NUT
5544049-RETAINER (PLAIN)
381957-GROMMET

STABILIZER BAR MUST BE INSTALLED WITH IDENTIFICATION FORMING ON RIGHT SIDE OF CAR

381957-GROMMET-STAB. LINK
5544049-RETAINER (PLAIN)
381955-SPACER
5544049-RETAINER (PLAIN)
381957-GROMMET

9418931-NUT
579140-BUMPER ASSY LOWER ARM

381957-GROMMET
5544049-RETAINER (PLAIN)
381954-LINK-FRONT STABILIZER

NOTE:
SPRINGS SHOULD BE USED EITHER LOW RANGE ON BOTH SIDES OF CAR OR HIGH RANGE ON BOTH SIDES. LOW RANGE DENOTED BY BLACK CIRCLE AROUND BROADCAST LETTERS

- 1 60 - 120 LB. IN.
- 2 60 - 180 LB. IN.
- 3 120 - 180 LB. IN.
- 4 15 - 25 LB. FT.
- 5 40 - 60 LB. FT. (N)
- 6 45 - 60 LB. FT.
- 7 45 - 55 LB. FT.
- 8 70 - 90 LB. FT. (*)
- 9 90 - 120 LB. FT. (*)

(*) TORQUE NUTS OR BOLT HEADS AT ASSEMBLY. ANY RETORQUE SUBSEQUENT TO THE INITIAL APPLICATION MUST BE APPLIED TO THE SAME END AS TORQUED INITIALLY.

(N) (N) AFTER REACHING MIN. TORQUE REQUIRED, NUT MUST ALWAYS BE TIGHTENED TO MIN. TORQUE TO INSERT FIDDLE PIN.

FRONT SUSPENSION											
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM
1 12 66	M	381957 GROMMETS REVERSED			7-1-66	K	TORQUES REVISED				
11 28 66	N	NOTE ADDED			10-15-66	J	WAS 397260-9				
11 11 66	N1	WAS 9780422 - SCREW			5-5-66	H	NOTE REVISED				
11 30 66	L	TORQUE USAGE REVISED			8-27-66	G	NOTE ADDED				
						F	WAS 395602-3				
						E	WAS 3171060 CODE (ME)				
						D	WAS 45-50 LB. FT.				
						C	NOTE REVISED				
						B	TORQUES ADDED				
						A	WAS 884602				

DATE FEBRUARY 4, 1967

DR BY M. MASON

CHECKED M. J. MASON

APP. M. J. MASON

APP. G. A. MILLER

FIRST USED

1967

OLDSMOBILE PRODUCT INFORMATION MANUAL

SERIALS

A

MANUAL SECTION

3 | 120

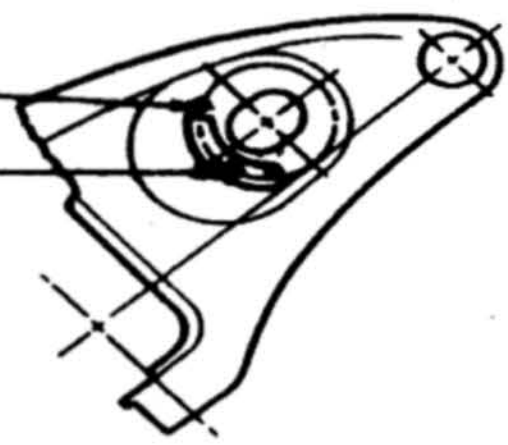
PART NO

394435

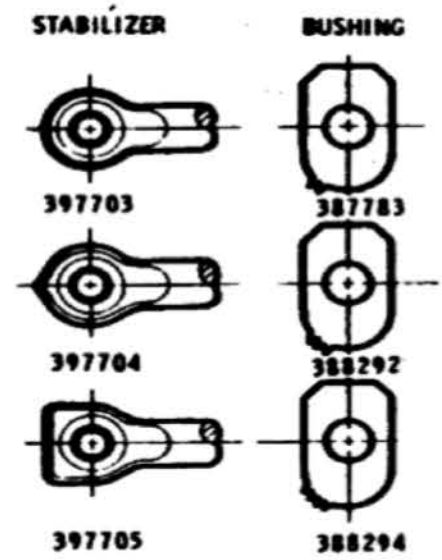
WITH UPPER SPRING TAIL AGAINST STOP IN FRONT CROSS MEMBER SEAT:

THIS HOLE (AT STEP IN SPRING SEAT) MUST NOT BE COVERED BY SPRING TAIL

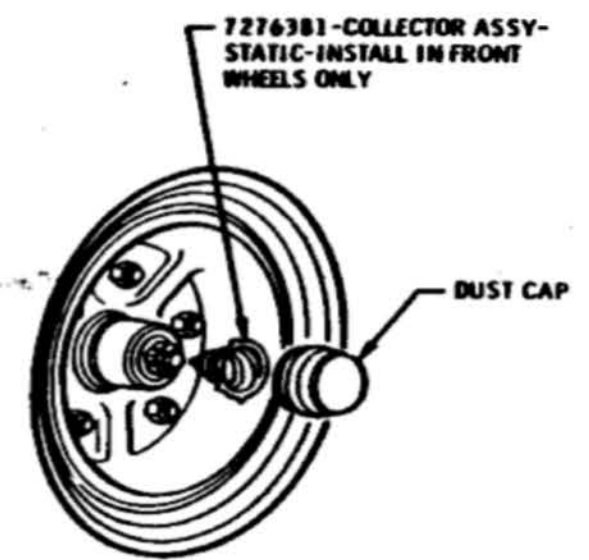
THIS HOLE MUST ALWAYS BE COVERED BY SPRING TAIL



VIEW SHOWING POSITION OF SPRING TAIL AFTER INSTALLATION

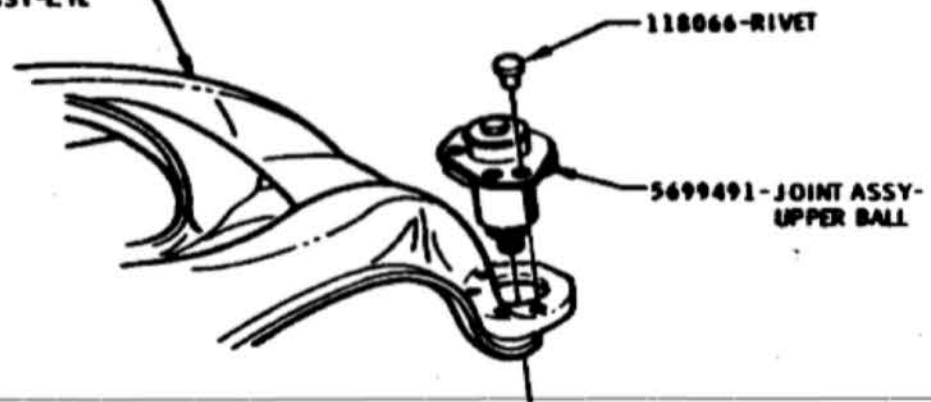


FRONT STABILIZER SHAFT AND MATCHING BUSHING IDENTIFICATION



INSTALLATION OF STATIC COLLECTOR FOR CARS WITH RADIO

396268 - ARM SUB ASSY-R. H.
396269 - ARM SUB ASSY-L. H.



THIS VIEW FOR G.M. ASSEMBLY DIV. ONLY

CHART - FRONT STABILIZER SHAFT & BUSHING

STABILIZER PART NO.	STAB. DIA.	BUSHING PART NO.	GRP.	MODELS
397703	.812	387783	3G	33 & 3500 (EXC. 3567)
397704	.875	388292	3G	3567, 34, 36, 3800 EXC. EXT. WAG., 3667 & 3867
397705	.937	388294	3G	EXT. WAG., 3667 & 3867
			C60	34-36-3800
			F58	ALL MODELS

NOTE: INSTALL BUSHINGS WITH SLIT TOWARD FRONT OF CAR

REAR SUSPENSION-SECTION 4

- 1.01 REAR SPRING USAGE CHART**
- 1.03 REAR AXLE USAGE CHART**
- 1.10 PROPELLER SHAFT**
- 1.11 REAR SUSPENSION**
- 1.15 SUPERLIFT REAR SHOCK ABSORBERS**

REAR SUSPENSION SPRING USAGE - 1967 F-85

SERIES	MODEL	SM-FS TRANS.	AUTOMATIC TRANS.	SM-FS & AUTOMATIC TRANSMISSION					MODEL	SERIES
		48 STD. CAR (N)	(N)	(P) 35W28 (R) 35W29 (G50)	97774 & 98774 EXPORT (ALL)	(R) 35B01 POLICE (G50)	(R) 35B07 POLICE (G50)	G51 TRAILER HAULING		
33300 (L6)	07	9787260 PC	9787260 PC	NA	9787048 PI	9787050 PF	9787050 PF	9787044 PL	07	33300 (L6)
	35	9787051 NF	9787051 NF	NA	9787056 PJ	9787057 PH	NA	9787054 NH	35	
	69	9787043 NB	9787043 NB	NA	9787049 PQ	9787050 PF	9787050 PF	9787044 PL	69	
33400 (VB)	07	9787048 PI	9787260 PC	NA	9787048 PI	9787050 PF	9787050 PF	9787044 PL	07	33400 (VB)
	35	9787051 NF	9787051 NF	NA	9787056 PJ	9787057 PH	NA	9787054 NH	35	
	65	9787054 NH	9787054 NH	NA	9787055 PD	9787057 PH	NA	9787055 PD	65	
	69	9787048 PI	9787043 NB	NA	9787048 PI	9787050 PF	9787050 PF	9787044 PL	69	
33500 (L6)	17	9787260 PC	9787260 PC	NA	9787048 PI	9787050 PF	9787050 PF	9787044 PL	17	33500 (L6)
	35	9787051 NF	9787051 NF	NA	9787056 PJ	9787057 PH	NA	9787054 NH	35	
	39	9787043 NB	9787043 NB	NA	9787049 PQ	9787050 PF	9787050 PF	9787044 PL	39	
	67	9787043 NB	9787043 NB	NA	9787049 PQ	NA	NA	9787044 PL	67	
	69	9787043 NB	9787043 NB	NA	9787049 PQ	9787050 PF	9787050 PF	9787044 PL	69	
33600 (VB)	17	9787048 PI	9787260 PC	NA	9787048 PI	9787050 PF	9787050 PF	9787044 PL	17	33600 (VB)
	35	9787051 NF	9787051 NF	NA	9787056 PJ	9787057 PH	NA	9787054 NH	35	
	39	9787048 PI	9787043 NB	NA	9787048 PI	9787050 PF	9787050 PF	9787044 PL	39	
	67	9787048 PI	9787043 NB	NA	9787048 PI	NA	NA	9787044 PL	67	
	69	9787048 PI	9787043 NB	NA	9787048 PI	9787050 PF	9787050 PF	9787044 PL	69	
33800 (VB)	07	9787048 PI	9787043 NB	9787050 PF	9787048 PI	9787050 PF	NA	9787044 PL	07	33800 (VB)
	17	9787048 PI	9787043 NB	9787050 PF	9787048 PI	9787050 PF	NA	9787044 PL	17	
	39	9787048 PI	9787043 NB	NA	9787048 PI	9787050 PF	NA	9787044 PL	39	
	55	9787053 PE	9787053 PE	NA	9787054 NH	9787057 PH	NA	9787054 NH	55	
	65	9787054 NH	9787054 NH	NA	9787055 PD	9787057 PH	NA	9787055 PD	65	
	67	9787048 PI	9787043 NB	9787050 PF	9787048 PI	NA	NA	9787044 PL	67	
69	9787048 PI	9787043 NB	NA	9787048 PI	9787050 PF	NA	9787044 PL	69		

SPRINGS SHOULD BE USED EITHER LOW RANGE ON BOTH SIDES OF CAR OR HIGH RANGE ON BOTH SIDES OF CAR.

TAPE IDENTIFICATION: HIGH LOAD RANGE - PLAIN IDENTIFICATION. LOW LOAD RANGE - BLACK CIRCLE AROUND CODE LETTER.

FOR SPRING DETAIL, SEE DRAWING 9787042

DATE	BY	REVISION	DATE	BY	REVISION	DATE	BY	REVISION	DATE	BY	REVISION	DATE	BY	REVISION	DATE	BY	REVISION	DATE	BY	REVISION																					
9-18-66	R	G50 ADDED	9-23-66	K	33507 REMOVED	9-23-66	E	CODES REVISED	9-23-66	J	TITLE	9-23-66	J	CHART - REAR SPRING USAGE	9-23-66	J	DATE DEC. 18, 1965	9-23-66	J	FIRST USED	9-23-66	J	9-23-66	J	1967	9-23-66	J	OLDSMOBILE PRODUCT INFORMATION MANUAL	9-23-66	J	MANUAL SECTION	9-23-66	J	4	9-23-66	J	PAGE	9-23-66	J	1.01	
9-18-66	P	35W28 ADDED	9-23-66	J	33807 ADDED	9-23-66	D	M40 ADDED	9-23-66	J	DATE DEC. 18, 1965	9-23-66	J	1967	9-23-66	J	OLDSMOBILE PRODUCT INFORMATION MANUAL	9-23-66	J	MANUAL SECTION	9-23-66	J	4	9-23-66	J	1967	9-23-66	J	OLDSMOBILE PRODUCT INFORMATION MANUAL	9-23-66	J	MANUAL SECTION	9-23-66	J	4	9-23-66	J	PAGE	9-23-66	J	1.01
9-23-66	L	COLUMN REVISED	9-23-66	G	PART NOS. REMOVED	9-23-66	2	WAS JETAWAY	9-23-66	J	DATE DEC. 18, 1965	9-23-66	J	1967	9-23-66	J	OLDSMOBILE PRODUCT INFORMATION MANUAL	9-23-66	J	MANUAL SECTION	9-23-66	J	4	9-23-66	J	1967	9-23-66	J	OLDSMOBILE PRODUCT INFORMATION MANUAL	9-23-66	J	MANUAL SECTION	9-23-66	J	4	9-23-66	J	PAGE	9-23-66	J	1.01
9-23-66	M	M33, M40 REMOVED	9-23-66	G	GROUP 867 REMOVED	9-23-66	B	CODE ADDED	9-23-66	J	DATE DEC. 18, 1965	9-23-66	J	1967	9-23-66	J	OLDSMOBILE PRODUCT INFORMATION MANUAL	9-23-66	J	MANUAL SECTION	9-23-66	J	4	9-23-66	J	1967	9-23-66	J	OLDSMOBILE PRODUCT INFORMATION MANUAL	9-23-66	J	MANUAL SECTION	9-23-66	J	4	9-23-66	J	PAGE	9-23-66	J	1.01
9-23-66	L	33607 REMOVED	9-23-66	G	PART NOS. REVISED	9-23-66	7	97F81 ADDED	9-23-66	J	DATE DEC. 18, 1965	9-23-66	J	1967	9-23-66	J	OLDSMOBILE PRODUCT INFORMATION MANUAL	9-23-66	J	MANUAL SECTION	9-23-66	J	4	9-23-66	J	1967	9-23-66	J	OLDSMOBILE PRODUCT INFORMATION MANUAL	9-23-66	J	MANUAL SECTION	9-23-66	J	4	9-23-66	J	PAGE	9-23-66	J	1.01

SERIES A PART NO. 395465

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

REAR AXLE	ENGINE USAGE (CUBIC INCHES, CYLINDERS, CARBURETOR, COMPRESSION)							TRANSMISSION USAGE					AXLE RATIO USED ON MODEL						
	RELEASE GROUP	250	330	330	330	400	400	FULLY SYNCHRONIZED			AUTOMATIC		3300	33400	33400	33500	33600	33800	33800
		L-6 1 BBL LOW	V-8 2 BBL LOW	V-8 4 BBL LOW	V-8 4 BBL HIGH	V-8 4 BBL HIGH	V-8 2 BBL HIGH	3 SPEED	4 SPEED WIDE RATIO	4 SPEED CLOSE RATIO	JETAWAY	TURBO HYDRAMATIC	STANDARD 67, 35, 69	STANDARD 67, 35, 69	STANDARD 65	CUTLASS 17, 35, 39, 67, 69	CUTLASS 17, 35, 39, 67, 69	CUTLASS SUPREME 67, 17, 39, 67, 69	CUSTOM 55, 65
STANDARD	4A-1	S					S					2.78	N.A.	N.A.	2.78	N.A.	N.A.	N.A.	
STANDARD	4A-1		S				S, M-14	M-20				N.A.	3.08	3.23	N.A.	3.08	N.A.	3.23	
STANDARD	4A-1			S			S, M-14	M-20				N.A.			N.A.		3.23		
AUTOMATIC	M-33	S							M-31			2.78			2.78				
AUTOMATIC	M-33		S						M-33, M-34				2.78	3.08		2.78		3.08	
AUTOMATIC	M-40		S							M-40				3.08				3.08	
AUTOMATIC	M-33			S					M-33, M-34									3.08	
EXPORT	98	L-90					S			M-31		2.78	N.A.	N.A.	2.78	N.A.	N.A.	N.A.	
EXPORT	98		L-90				S, M-14	M-20				N.A.	3.08	3.23	N.A.	3.08		3.23	
EXPORT	98			L-90			S, M-14	M-20				N.A.			N.A.		3.23		
EXPORT	98		L-90						M-33, M-34			N.A.	2.78	3.08	N.A.	2.78		3.08	
EXPORT	98		L-90						M-33, M-34			N.A.	N.A.		N.A.			3.08	
EXPORT	98		L-90							M-40		N.A.	N.A.	3.08	N.A.	N.A.	N.A.	3.08	
4 SPEED CLOSE RATIO	M-21		L-90	L-73	S				M-21									3.90	
4 SPEED CLOSE RATIO	M-21		S	L-73	L-74				M-21			N.A.	3.90	N.A.	N.A.	3.90		N.A.	
TURNPIKE PACKAGE	W-28					L-66	N.A.	N.A.	N.A.	N.A.	M-40	N.A.	N.A.	N.A.	N.A.	N.A.	(M) 2.56 (3)	N.A.	
412 PERFORMANCE PACKAGE	W-29					L-78	(L) M-14					N.A.	N.A.	N.A.	N.A.	N.A.	3.23 (3)	N.A.	
412 PERFORMANCE PACKAGE	W-29					L-78		M-20				N.A.	N.A.	N.A.	N.A.	N.A.	3.55 (3)	N.A.	
412 PERFORMANCE PACKAGE	W-29					L-78			M-21			N.A.	N.A.	N.A.	N.A.	N.A.	3.90 (3)	N.A.	
412 PERFORMANCE PACKAGE	W-29					L-78				M-40		N.A.	N.A.	N.A.	N.A.	N.A.	3.08 (3)	N.A.	
LOW COMPRESSION ENG.	4A-1			L-73			S, M-14	M-20				N.A.	3.23	N.A.	N.A.	3.23	3.23	N.A.	
LOW COMPRESSION ENG.	M-33			L-73					M-33, M-34			N.A.	3.08	3.08	N.A.	3.08	3.08	3.08	
HIGH COMPRESSION ENG.	4A-1				L-74		S, M-14	M-20				N.A.	3.23	3.23	N.A.	3.23	3.23	3.23	
HIGH COMPRESSION ENG.	M-33				L-74				M-33, M-34			N.A.	3.08	3.08	N.A.	3.08	3.08	3.08	
HIGH COMPRESSION ENG.	M-40				L-74					M-40				3.08				3.08	
AIR CONDITIONING	C-60	S, L-90					S		M-31			3.08			3.08				
AIR CONDITIONING	C-60		S	L-73	S	L-78			M-21				3.55			3.55	3.55		

BALANCE OF C-60 SAME AS STANDARD USAGE ABOVE

NOTES: AXLE - TRANSMISSION COMBINATION
 FULLY SYNCHRONIZED 3 SPEED (STD. - M-14) 2.78, 3.08, 3.23, 3.42, 3.55, 3.90, 3.91 (L)
 FULLY SYNCHRONIZED 4 SPEED WIDE RATIO (M-20) 3.08, 3.23, 3.42, 3.55
 FULLY SYNCHRONIZED 4 SPEED CLOSE RATIO (M-21) 3.42, 3.55, 3.90, 3.91, 4.11
 L-6 JETAWAY (M-31) 2.78, 3.08, 3.23
 V-8 JETAWAY (M-33, M-34) 2.78, 3.08, 3.23, 3.42, 3.55, 3.90, 3.91
 V-8 TURBO HYDRAMATIC (M-40) 2.41, 2.56, 2.78, 3.08, 3.23, 3.42, 3.55, 3.90, 3.91, 4.11

S - STANDARD
 N.A. - NOT AVAILABLE
 N.R. - NOT RECOMMENDED USAGE

(3) AVAILABLE ALL EXCEPT SEDAN (39, 69) MODELS.

3946 K BOARD REVISED	3946 E 3.42371 ELLIOTT	TITLE	CHART - REAR AXLE USAGE
6500 J LINE ADDED	3946 G 3.42371 ELLIOTT	DATE	OCT 11, 1963
4296 H BOARD REVISED	3946 G 3.42371 ELLIOTT	DR BY	ONE DAY
3946 G BOARD REVISED	3946 G 3.42371 ELLIOTT	CHECKED	J.H. AMES
3946 F M40 OPTION ADDED	3946 G 3.42371 ELLIOTT	DR. NO.	M.P. B. PAGE
		APPROVED	J.C. SEARL
1567 M WAS 241		FIRST USED	1967
3946 L M-13 REMOVED		OLDSMOBILE PRODUCT	INFORMATION MANUAL
		MANUAL SECTION	4
		PAGE	1.03
		SERIES	A
		PART NO.	394501

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

REAR AXLE	ENGINE USAGE (CUBIC INCHES, CYLINDERS, CARBURETOR, COMPRESSION)										TRANSMISSION USAGE				AXLE RATIO USED ON MODEL					
	RELEASE GROUP	250	300	330	330	400	400	FULLY SYNCHRONIZED			AUTOMATIC		33300	33400	33400	33500	33600	33800	33800	
		L-6 1 BBL LOW	V-8 2 BBL LOW	V-8 4 BBL LOW	V-8 4 BBL HIGH	V8 4 BBL HIGH	V-8 2 BBL HIGH	3 SPEED	4 SPEED WIDE RATIO	4 SPEED CLOSE RATIO	JETAWAY	TURBO HYDRAMATIC	STANDARD 07, 35, 69	STANDARD 07, 35, 69	STANDARD 65	CUTLASS 17, 35, 39, 67, 69	CUTLASS 17, 35, 39, 67, 69	CUTLASS SUPREME 07, 17, 39, 67, 69.	CUSTOM 55, 65	
POLICE-CITY	B-01	S	S	S			S, M-14 ①	M-20 ①		M-31, M-33, M-34		3.08	3.08	3.23	3.08	3.08	3.08 ①	3.23		
POLICE-CITY	B-01			L-76			S, M-14	M-20				N.A.	3.23	3.23	N.A.	3.23	3.23 ①	3.23		
POLICE-CITY	B-01			L-76					M-34			N.A.	3.23	3.23	N.A.	3.23	3.23 ①	3.23		
POLICE-CITY	B-01				L-77		M-14	M-20				N.A.	3.55 ②	N.A.	N.A.	3.55 ②	3.55 ①	N.A.		
POLICE-CITY	B-01				L-77				M-21			N.A.	3.90 ②	N.A.	N.A.	3.90 ②	3.90 ①	N.A.		
POLICE-CITY	B-01				L-77						M-40	N.A.	3.23 ②	N.A.	N.A.	3.23 ②	3.23 ①	N.A.		
POLICE-HIGHWAY	B-07	S	S				S, M-14 ①	M-20 ①		M-31, M-33, M-34		3.08 ②	3.08 ②	N.A.	3.08 ②	3.08 ②	N.A.	N.A.		
POLICE-HIGHWAY	B-07			L-76			S, M-14	M-20				N.A.	3.23 ②	N.A.	N.A.	3.23 ②	N.A.	N.A.		
POLICE-HIGHWAY	B-07			L-76					M-34			N.A.	3.23 ②	N.A.	N.A.	3.23 ②	N.A.	N.A.		
POLICE-HIGHWAY	B-07				L-77		M-14	M-20				N.A.	3.55 ②	N.A.	N.A.	3.55 ②	N.A.	N.A.		
POLICE-HIGHWAY	B-07				L-77				M-21			N.A.	3.90 ②	N.A.	N.A.	3.90 ②	N.A.	N.A.		
POLICE-HIGHWAY	B-07				L-77						M-40	N.A.	3.23 ②	N.A.	N.A.	3.23 ②	N.A.	N.A.		
PERFORMANCE	G-90	S					S		N.A.	M-31		3.08			3.08					
PERFORMANCE	G-90		S						N.A.	M-33, M-34			3.08			3.08				
PERFORMANCE	G-90				L-66						M-40						3.08 ④			
PERFORMANCE (LIGHT TRAILER HAULING)	G-91	S L-90	S L-90	L-73 L-90	L-76 L-76 _S	L-77 L-78	S, M-14 ①	M-20 ①	N.A.	M-31, M-33, M-34	M-40	3.23	3.23	3.23	3.23	3.23	3.23	3.23		
PERFORMANCE (HEAVY TRAILER HAULING)	G-93		S L-90	L-73 L-90	L-74 _S L-74 _S	L-77 L-78	S, M-14	M-20	M-21	M-33, M-34	M-40	N.A.	3.55	N.A.	N.A.	3.55	3.55	N.A.		
PERFORMANCE	G-94		S L-90	L-73 L-90	L-76 _S L-74 _S	L-77 L-78	S, M-14	N.A.	M-21	M-33, M-34	M-40	N.A.	3.90	N.A.	N.A.	3.90	3.90	N.A.		
PERFORMANCE - HEAVY DUTY AXLE (MAY BE USED IN PLACE OF G-93)	G-92		S L-90	L-73 L-90	L-74 _S L-76 _S	L-77 L-78	S, M-14	M-20	M-21	M-33, M-34	M-40	N.A.	3.42	N.A.	N.A.	3.42	3.42	N.A.		
PERFORMANCE - HEAVY DUTY AXLE (MAY BE USED IN PLACE OF G-94)	G-98		S L-90	L-73 L-90	L-74 _S L-76 _S	L-77 L-78	S, M-14	N.A.	M-21	M-33, M-34	M-40	N.A.	3.91	N.A.	N.A.	3.91	3.91	N.A.		
PLAINS	G-95		S L-90	L-73 L-90	L-76 _S L-74 _S	N.A. L-66	N.A.	N.A.	N.A.	M-33, M-34			2.78	N.A.		2.78	2.78	N.A.		
BURNPIKE (V)	G-96					L-66	N.A.	N.A.	N.A.	N.A.	M-40	N.A.	N.A.	N.A.	N.A.	N.A.	2.56 ④	N.A.		
(U)																				
LOCKING	G-80	ALL OF THE ABOVE COMBINATIONS ARE DUPLICATED FOR LOCKING TYPE ANTI-SPIN AXLES - ON BOTH SHEET 1 & 2																		
PERFORMANCE	G-80&G-89				L-78W-30 ONLY)		N.A.	N.A.	M-21	N.A.	M-40	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	4.11	N.A.	
DEALER INSTALLED PERFORMANCE	90-4		S	L-73 L-74 _S	L-76 _S L-74 _S	L-77 L-78	S, M-14	N.A.	M-21	M-33, M-34	M-40	N.R.	4.11 4.33	N.R.		4.11 4.33	4.11 4.33	4.11 4.33	N.R.	

NOTES:
 AXLE - TRANSMISSION COMBINATION
 FULLY SYNCHRONIZED 3 SPEED (STD. M-14) 2.78, 3.08, 3.23, 3.42, 3.55, 3.90, 3.91
 FULLY SYNCHRONIZED 4 SPEED WIDE RATIO (M-20) 3.08, 3.23, 3.42, 3.55
 FULLY SYNCHRONIZED 4 SPEED CLOSE RATIO (M-21) 3.42, 3.55, 3.90, 3.91, 4.11
 L-6 JETAWAY (M-31) 2.78, 3.08, 3.23
 V-8 JETAWAY (M-33, M-34) 2.78, 3.08, 3.23, 3.42, 3.55, 3.90, 3.91
 V-8 TURBO HYDRAMATIC (M-40) 2.41, 2.56, 2.78, 3.08, 3.23, 3.42, 3.55, 3.90, 3.91, 4.11

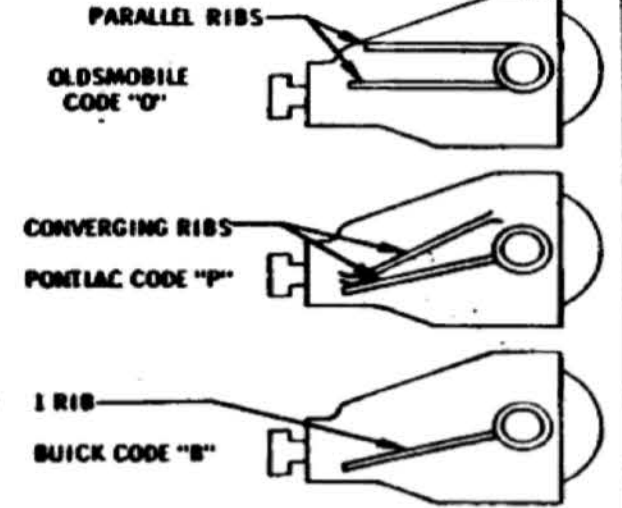
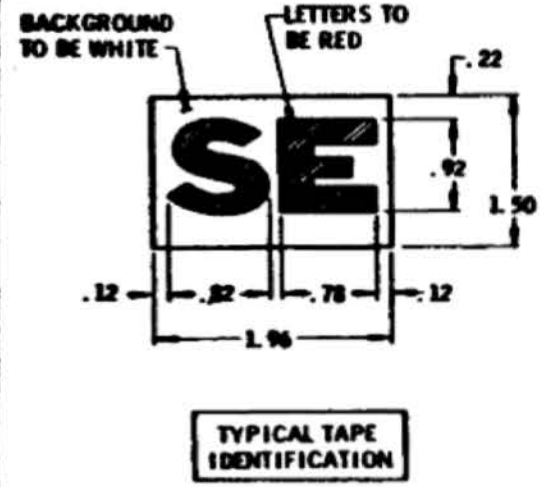
S - STANDARD
 N.A. - NOT AVAILABLE
 N.R. - NOT RECOMMENDED USAGE

- ① AVAILABLE ALL EXCEPT CONVERTIBLE (67) MODELS.
- ② AVAILABLE ALL EXCEPT STATION WAGON (35) MODELS.
- ③ M-14, M-20 NOT AVAILABLE WITH 33300 OR 33500 SERIES.
- ④ AVAILABLE ALL EXCEPT SEDAN (39, 69) MODELS

1567 V WAS PLAINS										TITLE CHART - REAR AXLE USAGE									
1567 U LINE REMOVED										DATE OCT 11, 1965									
9967 M13 REMOVED										FIRST USED 1967									
9966 S REDRAWN & REVISED										OLDSMOBILE PRODUCT INFORMATION MANUAL									
										MANUAL SECTION 4									
										PAGE 1.04									
										SERIES A									
										PART NO. 394501									
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

EQUIPMENT	L.O. AXLE ASSY 394600	CODE	RATIO	AXLE SUB-ASSY SHOWN ON CHART 394619	CARRIER ASSY (BUILT BY OLDS, PURCHASED FROM BUICK & PONTIAC)					SHAFT ASSY AXLE	BRAKE ASSY L.H. - R.H.	DRUM ASSY BRAKE		
					OLDS 394629	OLDS GEARS	PONTIAC 9782426	PONTIAC GEARS	BUICK 1381673				BUICK GEARS	
STANDARD TYPE DIFFERENTIAL (EXC. 55, 65 MODELS)														
EXC. J56 OR J52	X Y	398073	R2	2.56	398091	398029	41-16	9782427	41-16		399906	5465167 5465168	M.W. 398054-R.H. 398057-L.H. OR K.H. 382907	
		398001	SA	2.78	398020	398030	39-14	9784133	39-14	1381679				39-14
		398002	SC	3.08	398021	398031	40-13	9782429	40-13					
		398003	SE	3.23	398022	398032	42-13	9782430	42-13	1381677				42-13
		398004	TL	3.42	398023	398033	43-12							
		398074	SI	3.55	398092			9782432	39-11					
		398075	TG	3.90	398093			9782433	39-10					
		398005	TH	3.91	398024	398034	43-11							
WITH J56	X Y	398076	RA	2.56	398091	398029	41-16	9782427	41-16		399906	5463181 5463182	M.W. 398058-R.H. 398059-L.H.	
		394606	SK	2.78	394620	394630	39-14	9784133	39-14	1381679				39-14
		394607	SQ	3.08	394621	394631	40-13	9782429	40-13					
		394608	SV	3.23	394622	394632	42-13	9782430	42-13	1381677				42-13
		394609	TP	3.42	394623	394633	41-12							
		398077	SX	3.55	398092			9782432	39-11					
		398078	TJ	3.90	398093			9782433	39-10					
		394610	TU	3.91	394624	394634	43-11							
WITH J52	X Y	398079	RA	2.56	398091	398029	41-16	9782427	41-16		399906	5462192 5462193	M.W. 398054-R.H. 398057-L.H. OR K.H. 382907	
		397520	S2	2.78	394620	394630	39-14	9784133	39-14	1381679				39-14
		397521	S4	3.08	394621	394631	40-13	9782429	40-13					
		397522	S6	3.23	394622	394632	42-13	9782430	42-13	1381677				42-13
		397523	S8	3.42	394623	394633	41-12							
		398080	RE	3.55	398092			9782432	39-11					
		398081	TE	3.90	398093			9782433	39-10					
		397524	T2	3.91	394624	394634	43-11							
STANDARD TYPE DIFFERENTIAL (55, 65 MODELS)														
EXC. J56 OR J52	394611	SM	3.08	394625	394631	40-13	9782429	40-13		399906	5467132 5467133	1348329		
	394612	SO	3.23	394626	394632	42-13	9782430	42-13						
WITH J56	394615	SG	3.08	394625	394631	40-13	9782429	40-13		399906	5463183 5463184	1348329		
	394616	TC	3.23	394626	394632	42-13	9782430	42-13						
WITH J52	397525	T4	3.08	394625	394631	40-13	9782429	40-13		399906	5463346 5463347	1348329		
	397526	T6	3.23	394626	394632	42-13	9782430	42-13						



VISUAL IDENTIFICATION OF DIFFERENTIAL CARRIER ASSY

THE FOLLOWING LIST OF COMPONENT PARTS ARE REQUIRED FOR USE IN CONJUNCTION WITH AXLE SUB-ASSEMBLY OF SELECTED RATIO FROM THE ABOVE CHARTS TO COMPLETE AXLE ASSEMBLY FOR USE ON PRODUCTION LINE OR ASSEMBLY PLANTS.

PART NO.	PART NO.	QUANTITY	DESCRIPTION
EXCEPT			
3465	3465		
3855, 65	3855, 65		
SEE CHART			
396379	396379	1	AXLE SUB ASSEMBLY - REAR (SELECT RATIO FROM CHART)
9776453	414999	1	BRAKE ASSEMBLY - REAR - L
	1348360	1	BRAKE ASSEMBLY - REAR - R
385186	385186	4	GASKET - WHEEL BEARING (INNER & OUTER)
SEE CHART		8	BOLT - BRAKE TO AXLE
358501	358501	8	NUT - BRAKE TO AXLE
387621	387621	2	SHAFT ASSEMBLY - REAR AXLE
9416029	9416029	2	DRUM ASSEMBLY - REAR BRAKE
3820840	3820840	4	NUT (ASSEMBLY PLANTS) - DRUM TO AXLE
395100	395100	2	CABLE ASSEMBLY - REAR PARKING BRAKE
9782655	9782655	4	NUT (SPRING) (LANSING) - DRUM TO AXLE
		1	VENT ASSEMBLY - REAR AXLE
		1	BRACKET - BRAKE HOSE (OLDS AXLE)
		1	BRACKET - BRAKE HOSE (PONTIAC-BUICK)

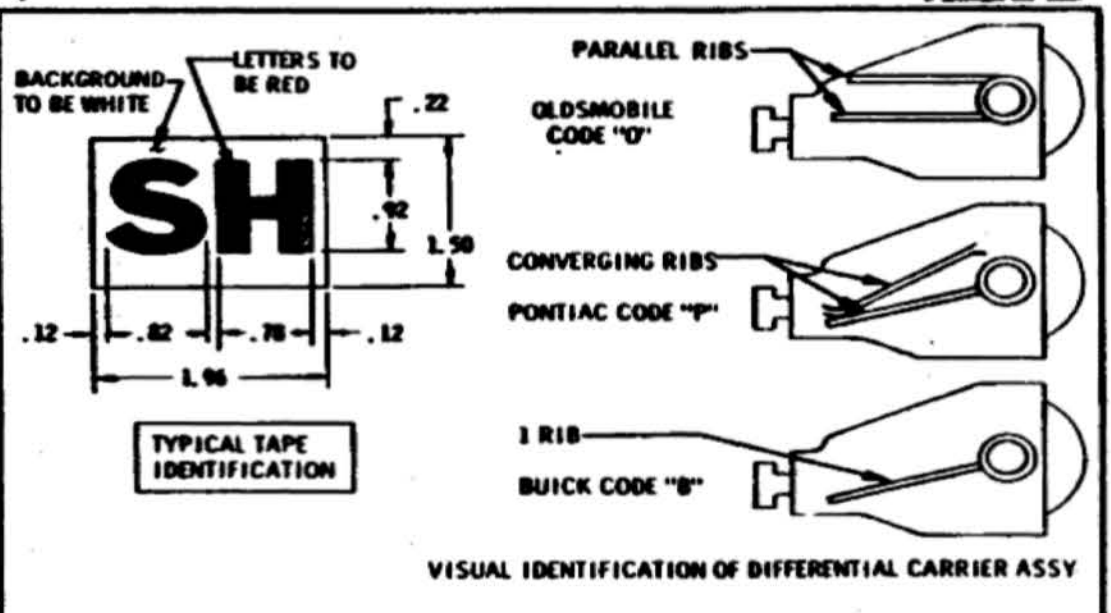
THIS REPRESENTS AXLE AS USED AT LANSING PLANT AND AS SHIPPED TO G. M. A. D. ASSEMBLY PLANTS. FOR ASSEMBLY INFORMATION, SEE 394600. MANUFACTURER'S IDENTIFICATION MUST APPEAR ON THIS PART. LOCATION TO BE APPROVED BY ENGINEERING DEPARTMENT. OMISSION REQUIRES APPROVAL OF PURCHASING DIVISION.

PRODUCTION SAMPLE TO BE TESTED AND APPROVED BY PRODUCT ENGINEERING FOR OLDSMOBILE PARTS.

TITLE										CHART - REAR AXLE USAGE									
DATE NOV 2 1965										PART USED									
DR BY J.E. CASLER										1967									
CHECKED J.N. AMES										OLDSMOBILE PRODUCT INFORMATION MANUAL									
APPR. H.J.B. PAGE										MANUAL SECTION 4									
APPR. R.C. STEMPER										PAGE 1.05									
REVISION										SERIES A									
399029 ADDED										PART NO 394501									
LINE REMOVED																			

OLDSMOBILE DIVISION GENERAL MOTOR CORPORATION
LANSING — MICHIGAN

EQUIPMENT	L.O. AXLE ASSY 394600	CODE	RATIO	AXLE SUB-ASSY SHOWN ON CHART 394619	CARRIER ASSY (BUILT BY OLDS, PURCHASED FROM BUICK & PONTIAC)						SHAFT ASSY AXLE	BRAKE ASSY L.H. - R.H.	DRUM ASSY BRAKE	
					OLDS 394629	OLDS GEARS	PONTIAC 9782626	PONTIAC GEARS	BUICK 1381673	BUICK GEARS				
LOCKING TYPE DIFFERENTIAL (EXC. 55, 65 MODELS)														
EXC. J56 OR J52	AA	Z	394602	R3	2.56	394604	394628	41-16	9783383	41-16			393906 5465167 5465168 397534 393906 397534 393906	M.W. 398456-R.H. 398457-L.H. OR K.H. 382307
			394635	SB	2.78	394653	394662	39-14	9784135	39-14	1381678	39-14		
			394636	SD	3.08	394654	394663	40-13	9783385	40-13				
			394637	SF	3.23	394655	394664	42-13	9783386	42-13	1381676	42-13		
			394638	TM	3.42	394656	394665	41-12						
			394639	SI	3.55	394657			9789463	39-11				
			394640	TH	3.90	394658			9789464	39-10				
			394639	TO	3.91	394657	394666	43-11				397534		
			398107	Q5	4.33	398111		9788463	39-9			393906		
WITH J56	AA	Z	394605	R5	2.56	394604	394658	41-16	9783383	41-16			393906 5463181 5463182 397534 393906 397534	M.W. 398456-R.H. 398457-L.H.
			394641	SL	2.78	394653	394662	39-14	9784135	39-14	1381678	39-14		
			394642	SR	3.08	394654	394663	40-13	9783385	40-13				
			394643	SW	3.23	394655	394664	42-13	9783386	42-13	1381676	42-13		
			394644	TQ	3.42	394656	394665	41-12						
			394645	SY	3.55	394657			9789463	39-11				
			394646	TK	3.90	394658			9789464	39-10				
			394644	TV	3.91	394657	394666	43-11				397534		
WITH J52	AA	Z	394608	R7	2.56	394604	394658	41-16	9783383	41-16			393906 5462192 5462193	M.W. 398456-R.H. 398457-L.H. OR K.H. 382307
			397527	S3	2.78	394653	394662	39-14	9784135	39-14	1381678	39-14		
			397528	S5	3.08	394654	394663	40-13	9783385	40-13				
			397529	S7	3.23	394655	394664	42-13	9783386	42-13	1381676	42-13		
			397530	S9	3.42	394656	394665	41-12						
			398009	TF	3.55	398005			9789463	39-11				
			398010	TF	3.90	398006			9789464	39-10				
			397531	T3	3.91	394657	394666	43-11				397534		
			398109	Q9	4.33	398111		9788463	39-9			393906		
LOCKING TYPE DIFFERENTIAL (55, 65 MODELS)														
EXC. J56 OR J52	394645	SN	3.08	394658	394663	40-13	9783385	40-13				393906	5467132	1381329
WITH J56	394649	SH	3.08	394658	394663	40-13	9783385	40-13				393906	5463183	1381329
WITH J52	397532	T5	3.08	394658	394663	40-13	9783385	40-13				393906	5463346	1381329
WITH J52	397533	T7	3.23	394659	394664	42-13	9783386	42-13				393906	5463347	1381329



THE FOLLOWING LIST OF COMPONENTS PARTS ARE REQUIRED FOR USE IN CONJUNCTION WITH AXLE SUB-ASSEMBLY OF SELECTED RATIO FROM THE ABOVE CHARTS TO COMPLETE AXLE ASSEMBLY FOR USE ON PRODUCTION LINE OR ASSEMBLY PLANTS.

PART NO.	PART NO.	QUANTITY	DESCRIPTION
EXCEPT			
3865	3865		
3855, 65	3855, 65		
SEE CHART	396379	1	AXLE SUB ASSEMBLY
SEE CHART	9776453	1	BRAKE ASSEMBLY
		4	GASKET
		8	BOLT
		8	BOLT
		2	SHAFT ASSEMBLY
		2	DRUM ASSEMBLY
		4	NUT (ASSEMBLY PLANTS)
		2	CABLE ASSEMBLY
		4	NUT (SPRING) (LANSING)
		1	VENT ASSEMBLY
		1	BRACKET
		1	BRACKET
			- REAR (SELECT RATIO FROM CHART)
			- REAR - L.
			- REAR - R.
			- WHEEL BEARING (INNER & OUTER)
			- BRAKE TO AXLE
			- BRAKE TO AXLE (OPT)
			- BRAKE TO AXLE
			- REAR AXLE
			- REAR BRAKE
			- DRUM TO AXLE
			- REAR PARKING BRAKE
			- DRUM TO AXLE
			- REAR AXLE
			- BRAKE HOSE (OLDS AXLE)
			- BRAKE HOSE (PONTIAC-BUICK)

THIS REPRESENTS AXLE AS USED AT LANSING PLANT AND AS SHIPPED TO G. M. A. D. ASSEMBLY PLANTS. FOR ASSEMBLY INFORMATION, SEE 394600. MANUFACTURER'S IDENTIFICATION MUST APPEAR ON THIS PART. LOCATION TO BE APPROVED BY ENGINEERING DEPARTMENT. OMISSION REQUIRES APPROVAL OF PURCHASING DIVISION.

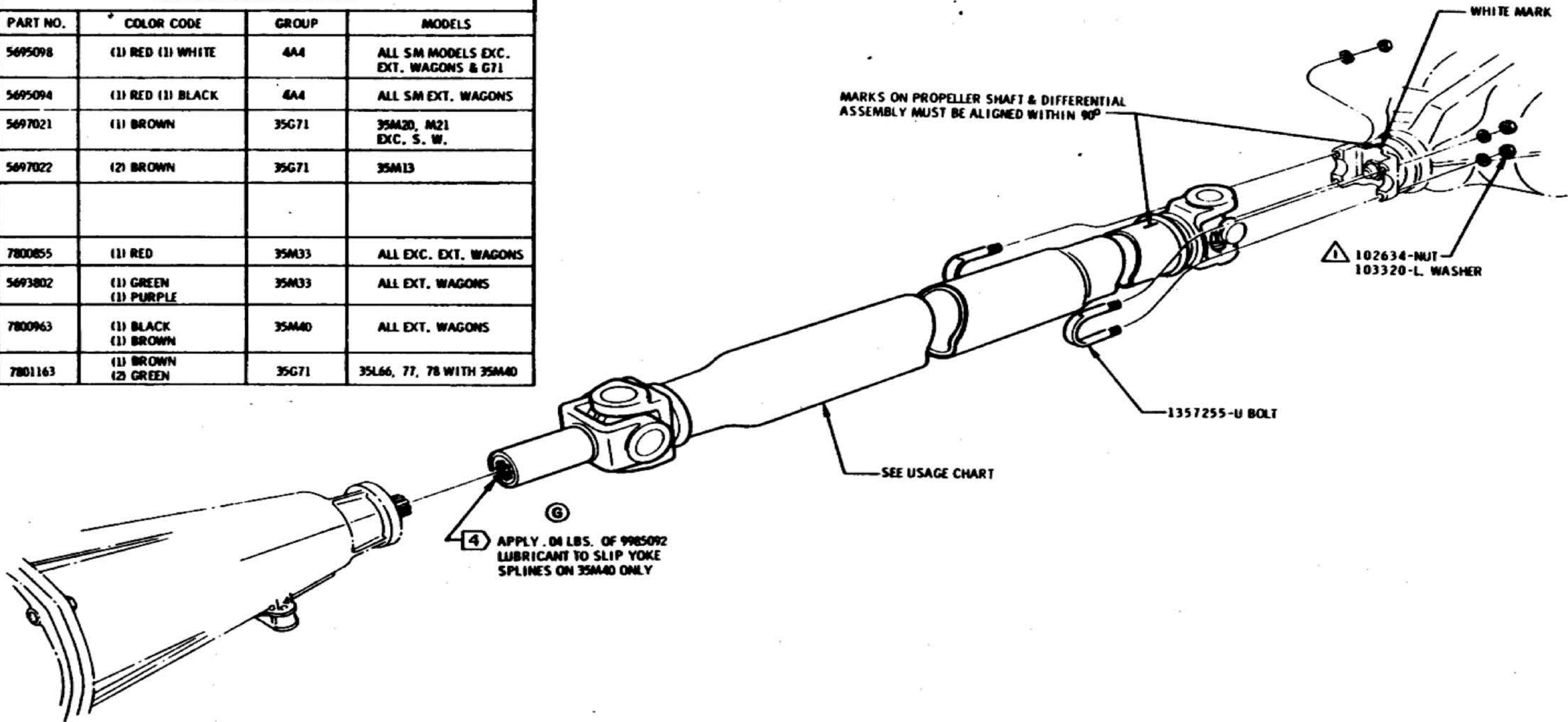
(W) PRODUCTION SAMPLE TO BE TESTED AND APPROVED BY PRODUCT ENGINEERING FOR OLDSMOBILE PARTS.

156700 399058 ADDED	156701 399058 WAS 9783389	156702 399058 WAS 383829	156703 399058 WAS 383829
156723 LINE REMOVED	156724 399058 WAS 9783388	156725 399058 WAS 482264	156726 399058 WAS 482264
156727 399058 WAS 9785834	156728 399058 WAS 5465492	156729 399058 IDENTIFICATION VIEW ADDED	156730 399058 IDENTIFICATION VIEW ADDED
156731 399058 WAS 9785834	156732 399058 WAS 5465562-3	156733 399058 CODE WAS S2	156734 399058 CODE WAS S2
156735 LINE REMOVED	156736 399058 WAS 382306	156737 399058 REDRAWN REVISED	156738 399058 REDRAWN REVISED
156739 NOTE REVISED			

CHART-REAR AXLE USAGE			
DATE	BY	REVISION	DESCRIPTION
FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
1967		4	1.06
REF	SERIES	PART NO.	
	A	394501	
APPR	RC STEMPER		

PROPELLER SHAFT USAGE CHART			
PART NO.	COLOR CODE	GROUP	MODELS
5695098	(1) RED (1) WHITE	4A4	ALL SM MODELS EXC. EXT. WAGONS & G71
5695094	(1) RED (1) BLACK	4A4	ALL SM EXT. WAGONS
5697021	(1) BROWN	35G71	35M20, M21 EXC. S. W.
5697022	(2) BROWN	35G71	35M13
7800855	(1) RED	35M33	ALL EXC. EXT. WAGONS
5693802	(1) GREEN (1) PURPLE	35M33	ALL EXT. WAGONS
7800963	(1) BLACK (1) BROWN	35M40	ALL EXT. WAGONS
7801163	(1) BROWN (2) GREEN	35G71	35L66, 77, 78 WITH 35M40

MARKS ON PROPELLER SHAFT & DIFFERENTIAL ASSEMBLY MUST BE ALIGNED WITHIN 90°



SEE USAGE CHART

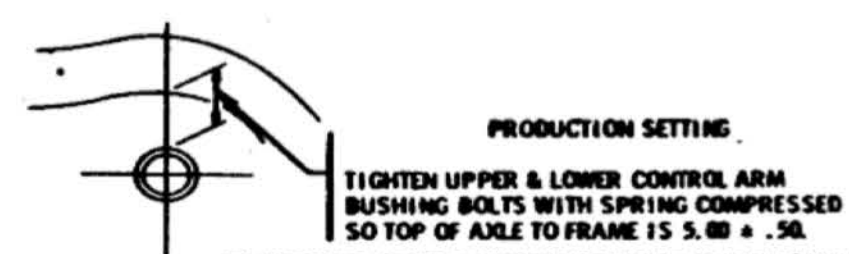
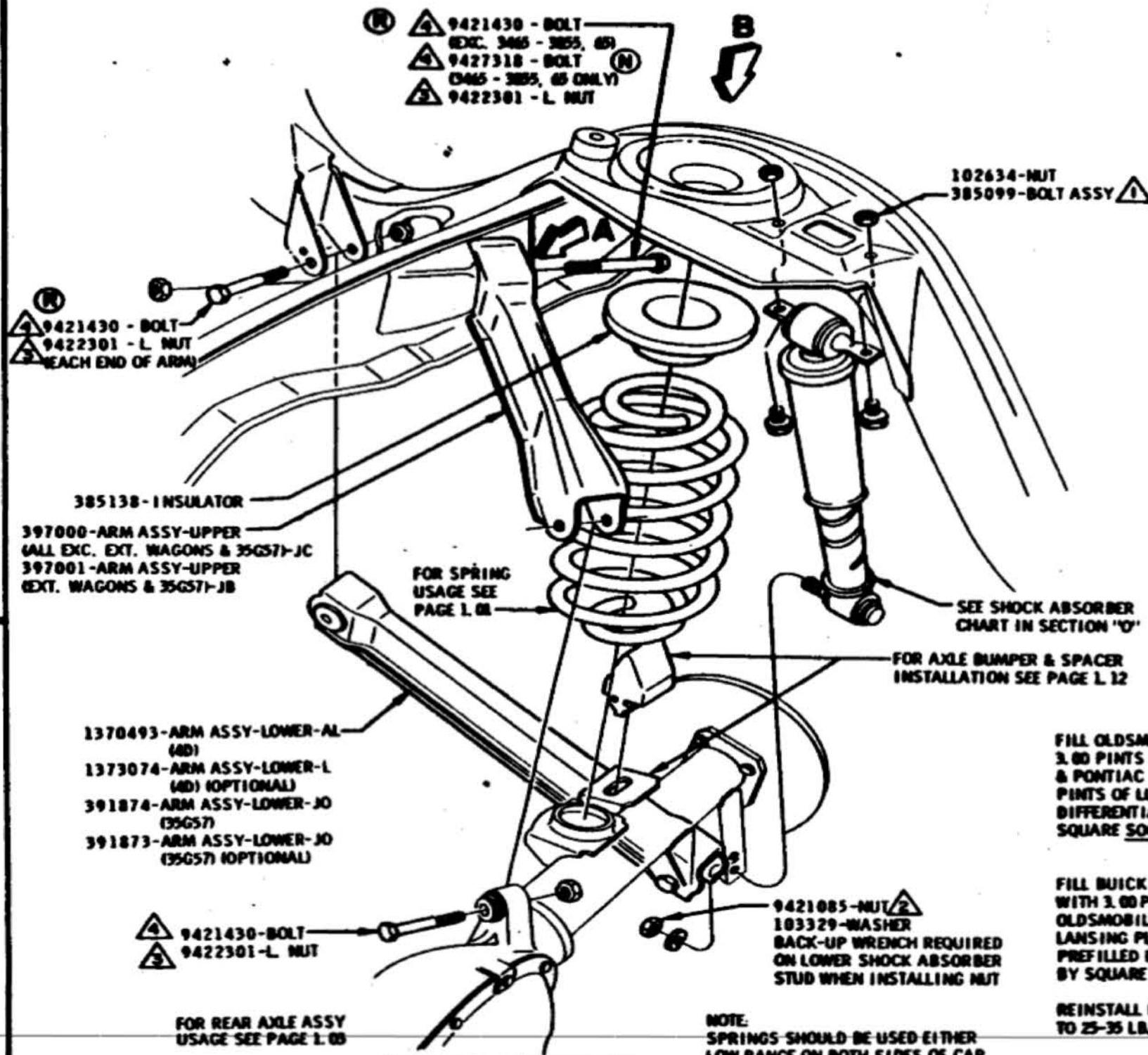
1357255-U BOLT

102634-NUT
103320-L WASHER

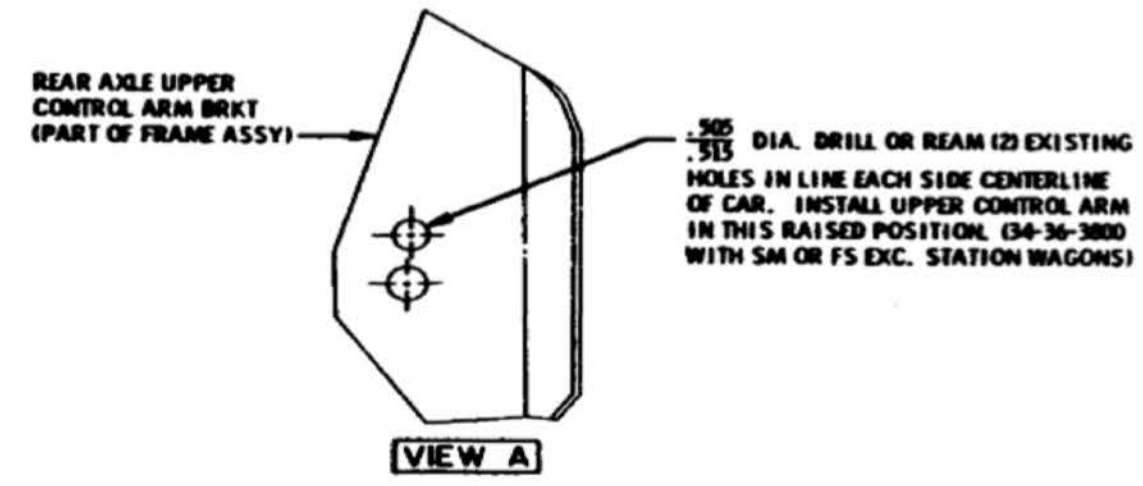
4 APPLY .04 LBS. OF 9985092 LUBRICANT TO SLIP YOKE SPLINES ON 35M40 ONLY

12 - 16 LB. FT.

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	SERIES	PART NO	
					5-9-66	D	7801163 ADDED									PROPELLER SHAFT	1967		4	1.10	A	394435	
					8-10-66	L	PART NO. ADDED									DATE FEBRUARY 7, 1966							
					9-2-66	G	LUBE NOTE ADDED									DR BY SCOTT McDONALD							
					8-5-66	F	35L66 ADDED									CHECKED BY [Signature]							
					5-9-66	E	PART NO. REMOVED									APPR. [Signature]							



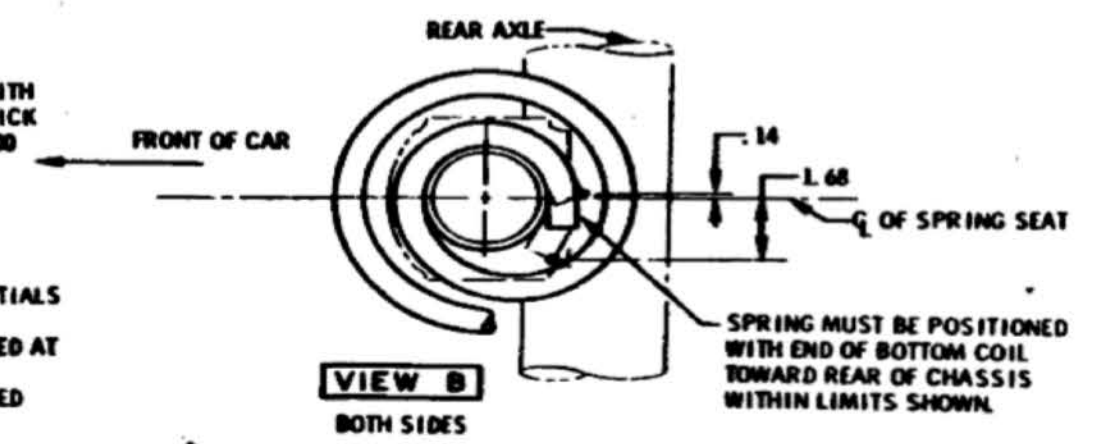
(*) 9421430-BOLTS MUST BE INSTALLED IN DIRECTION SHOWN FOR LOWER CONTROL ARM & EXTENDED WAGON UPPER ARM FRONT POSITIONS. UPPER CONTROL ARM POSITIONS EXCEPT FOR EXTENDED WAGON ARE OPTIONAL. TORQUE NUTS OR BOLTS AT ASSEMBLY. ANY RETORQUE SUBSEQUENT TO THE INITIAL APPLICATION MUST BE APPLIED TO THE SAME END AS TORQUED INITIALLY.



NON-LOCKING: FILL OLDSMOBILE DIFFERENTIALS WITH 3.00 PINTS OF LUBE 9985005 AND BUICK & PONTIAC DIFFERENTIALS WITH 3.00 PINTS OF LUBE 9985005. DIFFERENTIALS IDENTIFIED BY SQUARE SOCKET PLUG.

LOCKING: FILL BUICK AND PONTIAC DIFFERENTIALS WITH 3.00 PINTS OF LUBE 9985005. OLDSMOBILE DIFFERENTIAL PREFILLED AT LANSING PLANT WITH LUBE 9985109. PREFILLED DIFFERENTIALS IDENTIFIED BY SQUARE HEAD PLUG.

REINSTALL DIFFERENTIAL FILLER PLUG TO 25-35 LB. FT.



- ① 15 - 25 LB. FT.
- ② 30 - 40 LB. FT.
- ③ 70 - 90 LB. FT.
- ④ 90 - 120 LB. FT. (*)

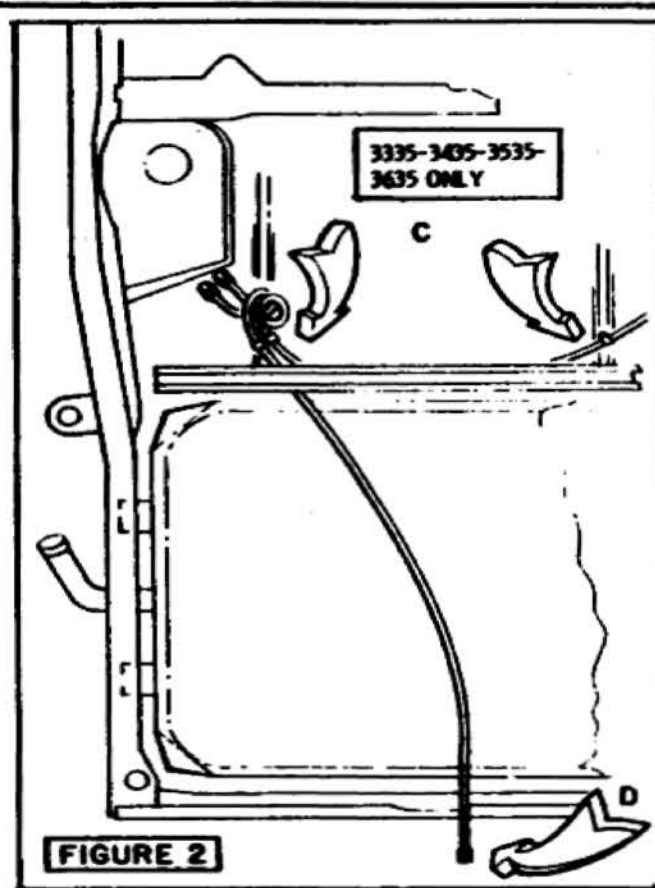
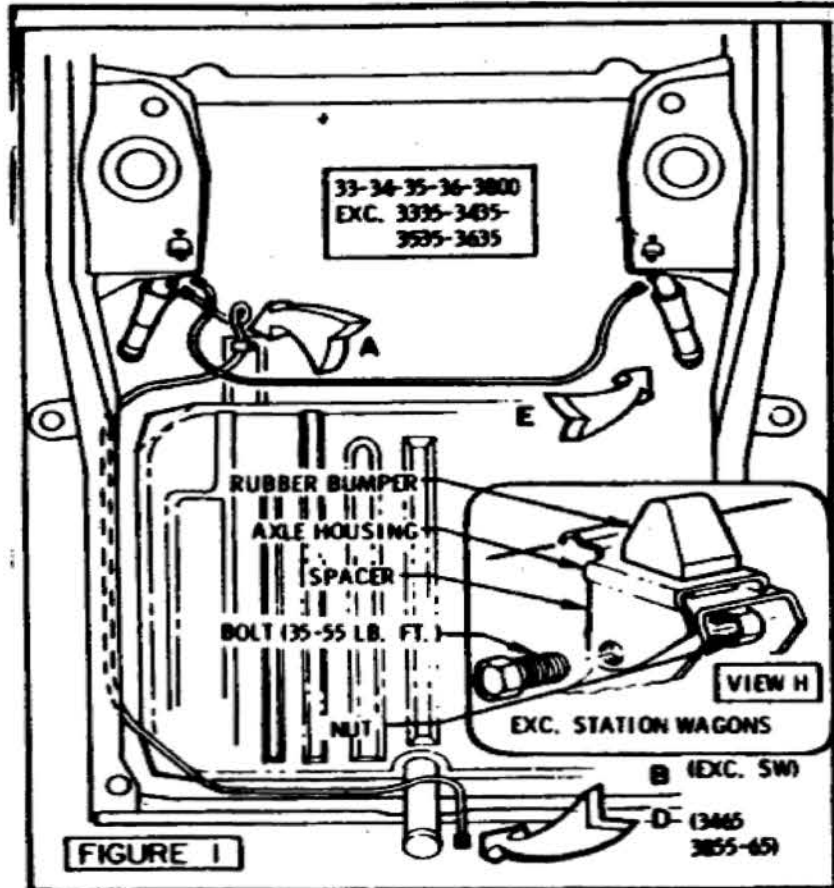
TYPICAL INSTALLATION
(SEE PAGE L 12 FOR EXTENDED WAGON & 35G66 DIFFERENCES)

NOTE: SPRINGS SHOULD BE USED EITHER LOW RANGE ON BOTH SIDES OF CAR OR HIGH RANGE ON BOTH SIDES. LOW RANGE DENOTED BY BLACK CIRCLE AROUND BROADCAST LETTERS.

REV.	DATE	BY	CHK.	REVISION	REV.	DATE	BY	CHK.	REVISION	REV.	DATE	BY	CHK.	REVISION	REV.	DATE	BY	CHK.	REVISION	
11-28-66	R			TORQUES REVISED	7-6-66	K			NOTE REVISED	6-13-66	E			1379643-GUIDE ADDED						
10-26-66	P			NOTE REVISED	7-1-66	J			TITLE REVISED	4-21-66	D			WAS 391951-2						
10-8-66	N			WAS 8121950 BOLT	7-18-66	W			VIEWS ADDED	3-31-66	C			CHART REMOVED						
10-8-66	V			NOTE REVISED	7-1-66	G			TORQUES REVISED	3-18-66	B			PART NOS. REVISED						
9-15-66	L			GUIDE HELI REVISION	6-21-66	F			REVISED TO DETAIL	4-17-66	A			WAS 817891 CODE "F"						

DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION
------	-----	----------	-----	-----	------	-----	----------	-----	-----	------	-----	----------	-----	-----	------	-----	----------	-----	-----	------	-----	----------	-----	-----	------	-----	----------	-----	-----	------	-----	----------

TITLE		REAR SUSPENSION	
DATE	BY	DATE	BY
FEBRUARY 15, 1966	ME. MASON		
CHKD BY	J. J. B. MASON	APP. BY	J. J. B. MASON
PART USED		1967	
OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION	
		4	
PAGE		1.11	
SERIES		A	
PART NO.		394435	



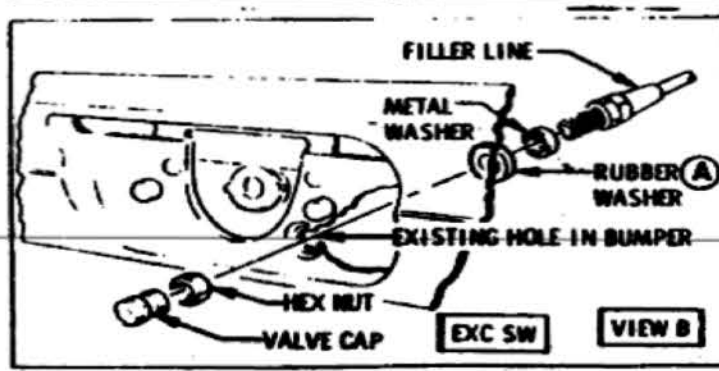
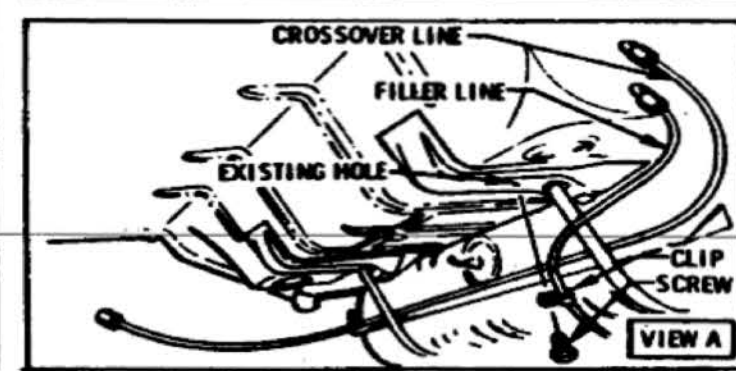
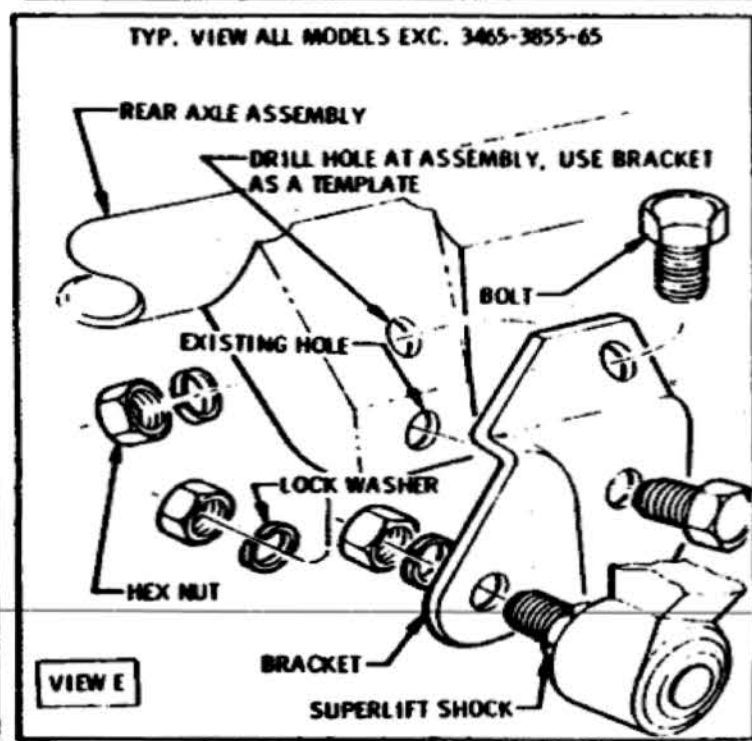
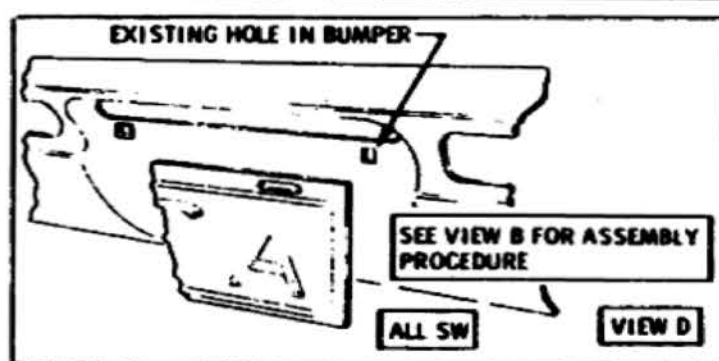
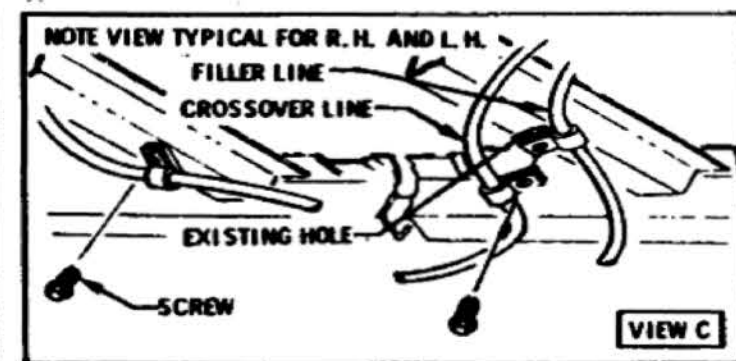
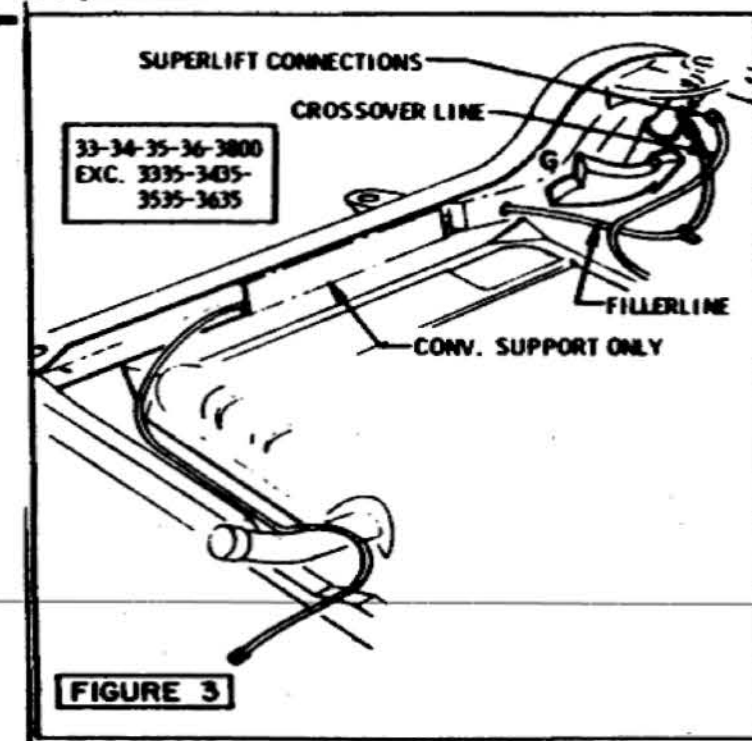
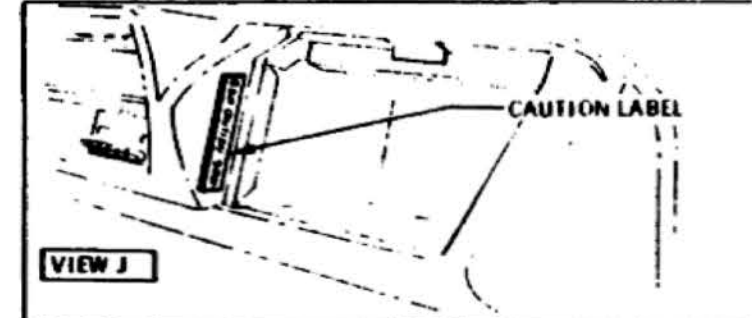
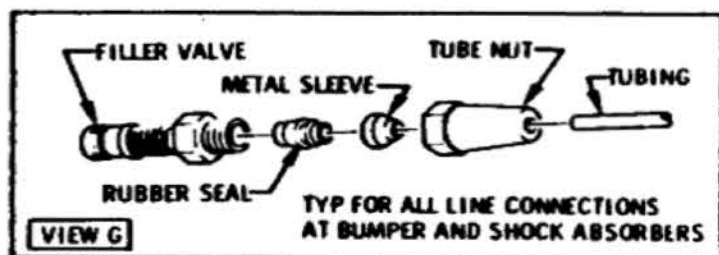
GENERAL INSTRUCTIONS

1. GUARD AGAINST KINKING NYLON TUBING, KINKED LINES WILL RESULT IN TUBING FAILURE.
2. AT EVERY PLUMBING CONNECTION, USE THE FOLLOWING PROCEDURE TO ASSEMBLE THE 1/8" DIAMETER BLACK TUBING AND FITTINGS PER VIEW G:
 - A. PREASSEMBLE METAL SLEEVE AND RUBBER SEAL.
 - B. DROP TUBE NUT ON TUBING.
 - C. INSERT END OF BLACK TUBING INTO METAL SLEEVE AND RUBBER SEAL ASSEMBLY UNTIL IT BOTTOMS IN THE RUBBER SEAL. DO NOT FORCE TUBING ALL THE WAY THROUGH RUBBER SEAL.
 - D. HOLD TUBING IN BOTTOMED POSITION IN RUBBER SEAL AND TIGHTEN TUBE NUT SECURELY.

FOR INSTRUCTION INFORMATION RELATIVE TO THE FIGURES AND VIEWS SHOWN ON THIS SHEET, REFER TO SHEET 2.

NOTE TO INSTALLER: -

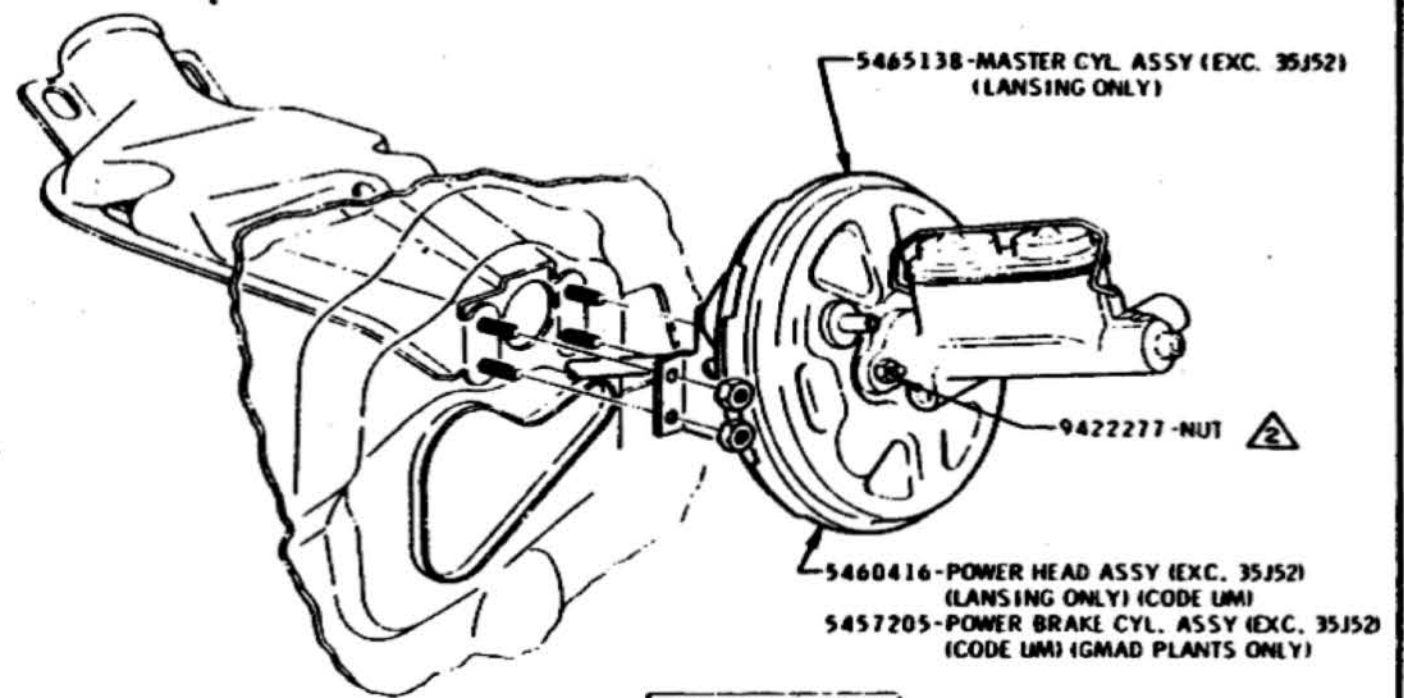
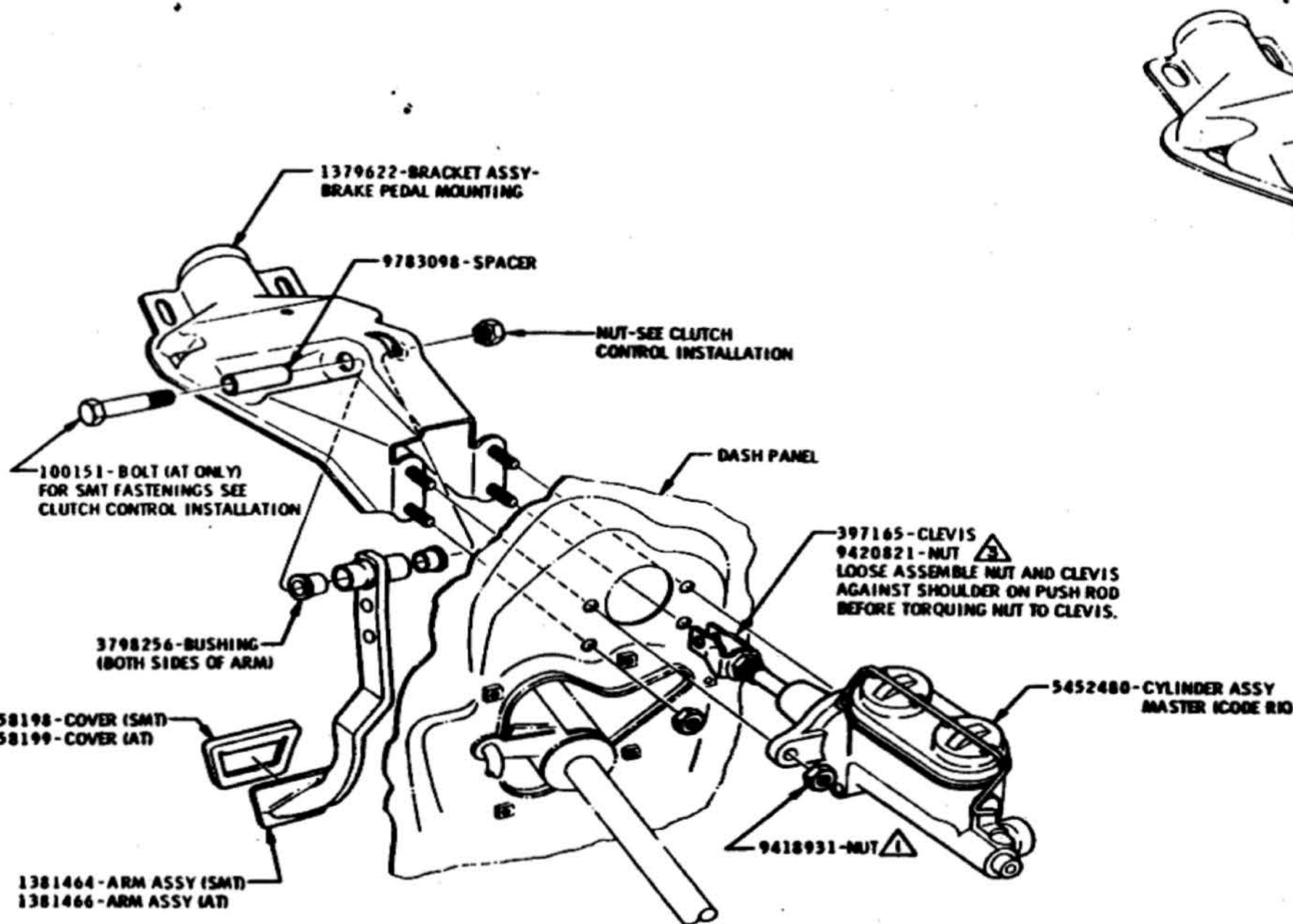
1. ATTACH 'CAUTION' LABEL TO INSIDE OF GLOVE BOX. VIEW J
2. PLACE OWNERS GUIDE AND WARRANTY CARD IN GLOVE BOX.



TITLE										35666 SHOCK ABSORBERS						
DATE					MAY 3, 1966					FIRST USED		1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	
DR. CK.					M. J. Barnhart					316653-PACK. (EXC. EXT. SW.)		SERIES	A	PART NO.	394435	
REVISION					7-21-66 A NASHOR ADDED					316650-PACK. (EXT. S.W.)						
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM

BRAKE CONTROL – SECTION 5

- 1.01 BRAKE PEDAL, BRACKET & CYLINDERS**
- 1.02 SWITCHES AND CLEVIS TO ARM ASSEMBLY**
- 1.03 FRONT BRAKE LINES**
- 1.04 CENTER AND REAR BRAKE LINES (OPEN FRAME)**
- 1.05 CENTER AND REAR BRAKE LINES (BOX FRAME)**
- 1.06 POWER BRAKE VACUUM HOSE ROUTING**
- 1.07 PARKING BRAKE CONTROL**
- 1.08 PARKING BRAKE LEVER AND SWITCH**
- 1.09 DISC BRAKE**



POWER BRAKE ASSY
INSTALLATION

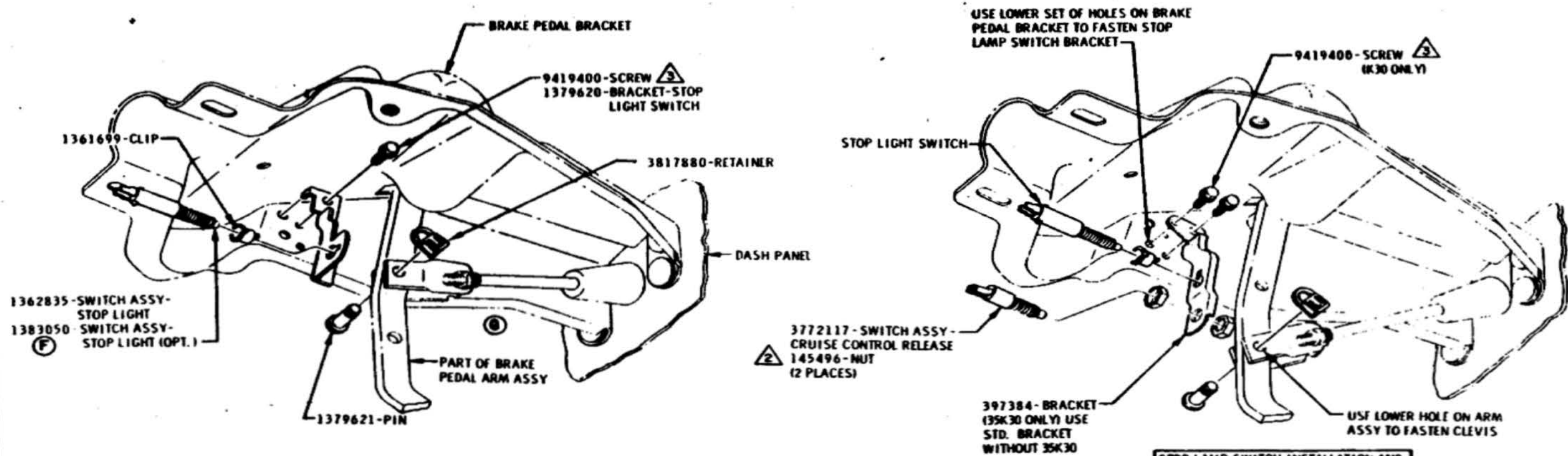
(ATTACHING PARTS SAME
AS STANDARD INSTALLATION)

**BRAKE PEDAL, BRACKET &
MASTER CYLINDER INSTALLATION**

- Ⓛ 20-28 LB. FT.
- Ⓜ 15-20 LB. FT.
- Ⓝ 11-16 LB. FT.

FILL MASTER CYLINDER RESERVOIR
TO 1/4 ± 1/8 INCH FROM TOP
MEASURED AT REAR EDGE WITH
.006 PINTS OF 9985013 BRAKE FLUID.

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPL.	TITLE	PART USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
					8-18-66	K	CODES ADDED			6-20-66	E	TORQUE REMOVED				BRAKE CONTROL DATE MARCH 4, 1966 DR. BY H.P. MASON CHECKED BY [Signature] APPR. BY [Signature]	1967	SERIES A	PART NO 394435	5 1.01
				8-18-66	J	LANSING PART NOS ADDED			5-24-66	D	NOTE REVISED									
3-22-67	N	BAILS REVISED			7-18-66	H	NOTE ADDED			5-10-66	C	PART NOS. REVISED								
7-10-67	M	WAL. 60-120 LB. ILL.			7-6-66	G	CODE ADDED			5-10-66	B	NOTES ADDED								
12-5-66	L	TORQUE ADDED			6-20-66	F	WAS 114898-NUT			6-21-66	A	WAS 987576-CLEVIS								



STOP LAMP SWITCH INSTALLATION AND CLEVIS TO BRAKE PEDAL ARM ASSY (EXC. 35J50, J52)

- STOP LIGHT SWITCH SETTING**
1. INSERT SWITCH INTO TUBULAR CLIP UNTIL SWITCH BODY SEATS ON TUBE CLIP.
 2. PULL BRAKE PEDAL REARWARD AGAINST INTERNAL PEDAL STOP. SWITCH WILL BE MOVED IN TUBULAR CLIP PROVIDING PROPER ADJUSTMENT.

STOP LAMP SWITCH INSTALLATION AND CLEVIS TO BRAKE PEDAL ARM ASSY (35J50, J52 ONLY)
(PARTS OTHERWISE SAME AS STD. INSTALLATION)

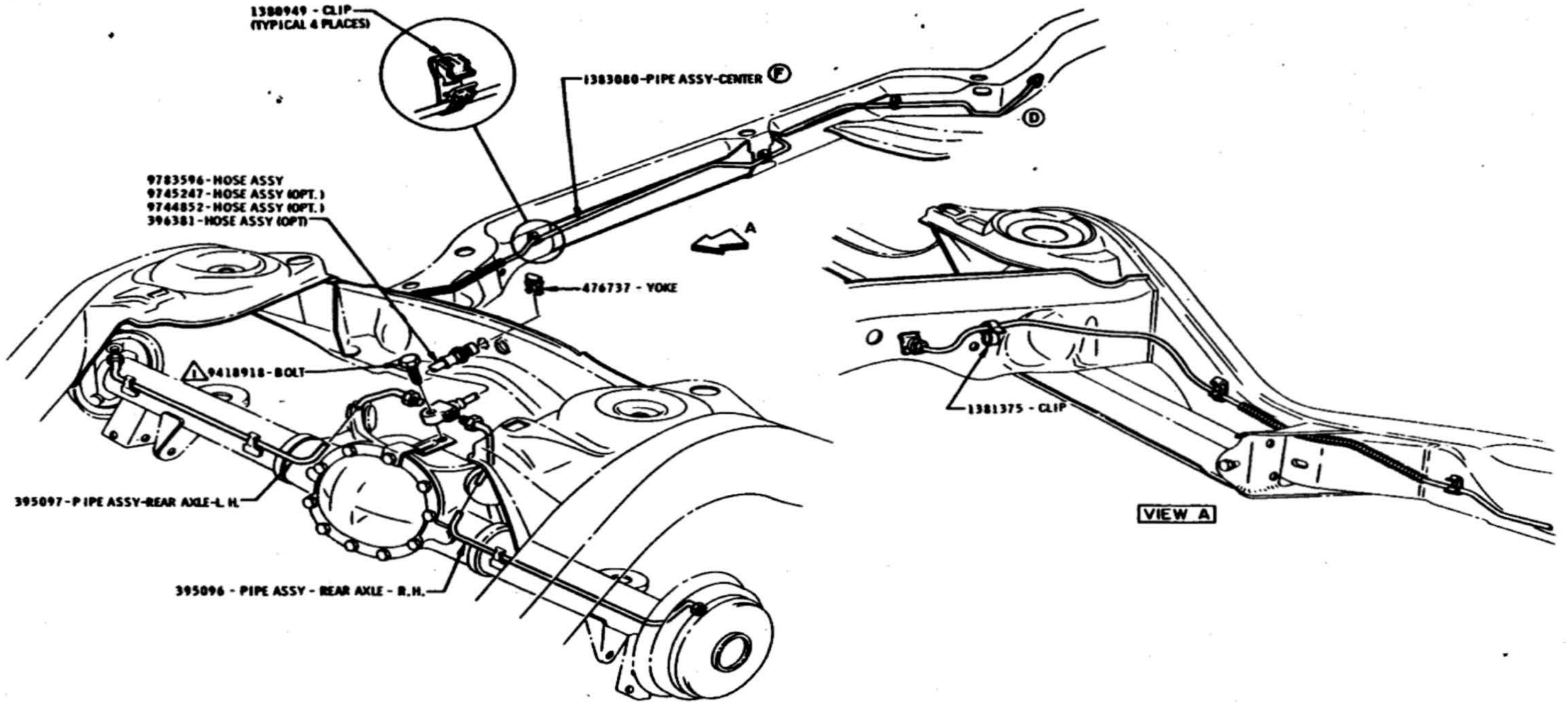
CRUISE CONTROL BRACKET AND SWITCH ADJUSTMENT

POSITION 397384 BRACKET APPROX. PARALLEL WITH EDGE OF BRAKE PEDAL AND TIGHTEN 9419400 SCREWS. ADJUST SWITCH SO THAT CRUISE CONTROL UNLOCKS WHEN BRAKE PEDAL IS DEPRESSED 1/4" TO 3/8" (E)

1:20 - 1801B. IN
1:32 - 941B. IN

REV.	DATE	BY	CHKD.	APPN.	REVISION	TITLE	DATE	DR.	CHKD.	APPN.	YEAR	MANUAL	PAGE
1					NOTE REVISED	BRAKE CONTROL - SWITCHES & CLEVIS TO BRAKE PEDAL ARM ASSY							
2	7-6-66	12			NOTES ADDED								
3	6-20-66	C			TORQUE ADDED								
4	5-11-66	B			NOTE REVISED								
5	5-11-66	A			VIEWS REVISED								
6	10-10-67	G			TUBULAR CLIP REMOVED WAS 1362452 SWITCH								
7	10-10-66	F											

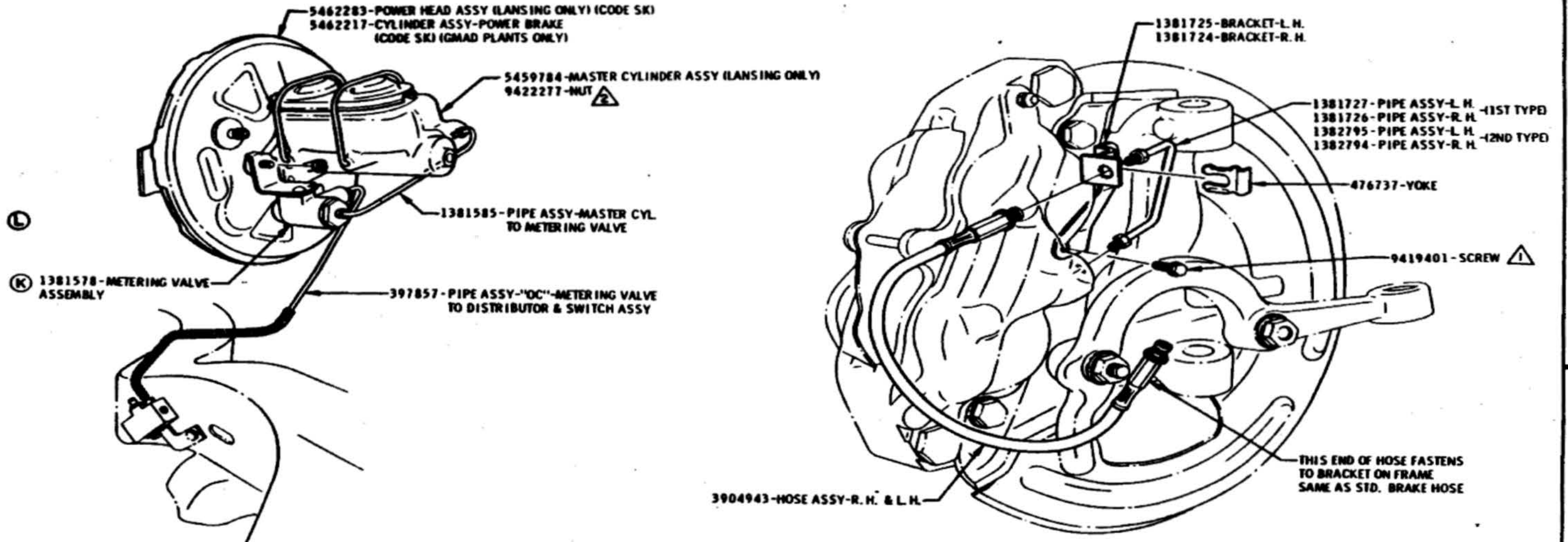
1967
OLDSMOBILE PROPELLER INFORMATION MANUAL
SERIES A
PAGE 5
394435



⚠ 120 - 180 LB. IN. Ⓢ

(EXC. 35F35, EXT. WAGONS, & CONV.)

DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	TITLE	PART USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
					12-5-66	E	TORQUE ADDED																	
					7-29-66	D	CLIP REMOVED																	
					7-29-66	C4	REPOSITIONED CLIPS																	
					6-20-66	B	WAS 3881339 CLIP																	
					6-30-66	A2	WAS 173171 CLIP																	
					7-17-67	F	WAS 1380885 PIPE ASM																	
											TITLE CENTER & REAR BRAKE LINES DATE APRIL 1, 1966 DR. BY H. C. MASON CHECKED BY [Signature] APR. 1966 PART USED 1967 OLDSMOBILE PRODUCT INFORMATION MANUAL MANUAL SECTION 5 PAGE 1.04 SERIES A PART NO. 394435													



⚠ 108 - 156 LB. IN.
Ⓜ ⚠ 20 - 28 LB. FT.

(DISC BRAKE SYSTEM OTHERWISE SAME AS STANDARD BRAKE SYSTEM)

		2-22-67 K		WAS 1382656		J B 7-16-66 E		LANSING PART NOS ADDED		46-70		TITLE		DISC BRAKES	
		12-21-66 J	'LANSING ONLY' ADDED	46-70	B-16-66 D	46-70	B-16-66 D	46-70	WAS 1381578 VALVE ASSY	46-70	J-13	DATE	MAY 26, 1966	FIRST USED	1967
		12-5-66 H	TORQUES ADDED	46-70	7-20-66 C	46-70	7-20-66 C	46-70	WAS 1381584 PIPE ASSY	46-70	46-70	OR BY	H. E. MASON	OLDSMOBILE PRODUCT	INFORMATION MANUAL
2-24-67 M	TORQUE ADDED	46-70	12-5-66 H	46-70	7-20-66 C	46-70	7-20-66 C	46-70	CODE ADDED	46-70	46-70	CHECKED	M. J. ...	MANUAL SECTION	5
2-22-67 L	NOTE REMOVED	46-70	12-18-66 I	46-70	6-20-66 A	46-70	6-20-66 A	46-70	WAS 5462280 CYL ASSY	46-70	46-70	REF	35-152	PAGE	1.09
														SERIES	A
														PART NO.	3904943

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

1967 PRODUCTION CAMSHAFTS


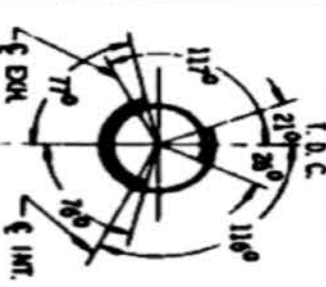

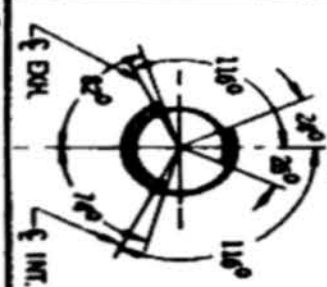
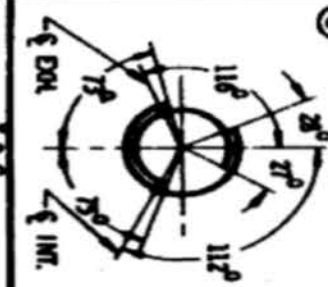
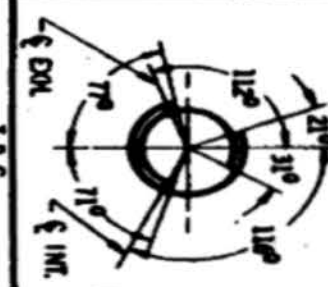
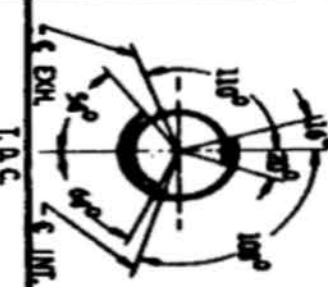

CAMSHAFT ASSY	CAMSHAFT	INDEX	ENGINE USAGE	VALVE LIFT	VALVE TIMING	CAMSHAFT IDENTIFICATION		CASTING
						SHAFT GRIND	COLOR CODE	
39112	39119	2	664 (JETFIRE) 2 BBL	INT. .387 EXH. .388		SHAFT GRIND	PLAIN	3 CAST RINGS 39289
39112	39119	35-T	664 (CUTLASS) 4 BBL A.T. 668 (4-4-2) A.T. 669 (CUTLASS) 4 BBL A.T. 670 (CUTLASS) 4 BBL A.T.	INT. .430 EXH. .432		SHAFT GRIND	ONE WHITE STRIPE (F)	NONE
39109	39119	35-N	668 (4-4-2) S.M. 669 (CUTLASS) 4 BBL A.T. 670 (CUTLASS) 4 BBL A.T.	INT. .472 EXH. .472		SHAFT GRIND	2 BLUE STRIPES	2 CAST RINGS 39210
39110	39119	35-A	667 (STARFIRE) 4 BBL S.M. 668 (4-4-2) S.M. 669 (CUTLASS) 4 BBL A.T. 670 (CUTLASS) 4 BBL A.T.	INT. .472 EXH. .411		SHAFT GRIND	ONE ORANGE STRIPE (F)	
39101	39102	35-AE (TORONADO)	664 (TORONADO) 4 BBL S.M. 667 (SUPER ROCKET) 4 BBL S.M. 668 (4-4-2) S.M. 669 (CUTLASS) 4 BBL A.T. 670 (CUTLASS) 4 BBL A.T.	INT. .472 EXH. .472		SHAFT GRIND	2 WHITE STRIPES	
39104	39105	35-C	664 (CUTLASS) 4 BBL S.M. 667 (SUPER ROCKET) 4 BBL S.M. 668 (4-4-2) S.M. 669 (CUTLASS) 4 BBL A.T. 670 (CUTLASS) 4 BBL A.T.	INT. .490 EXH. .492		SHAFT GRIND	2 GREEN STRIPES	
39104	39105	2-A	664 (4 BBL A.T.) 668 (4-4-2) S.M. 669 (CUTLASS) 4 BBL A.T. 670 (CUTLASS) 4 BBL A.T.	INT. .495 EXH. .495		SHAFT GRIND	ONE GREEN STRIPE (F)	
39128	39129	57-0	654 (4 BBL) W30 655 (4 BBL) W30 656 (4 BBL) W30	INT. .474 EXH. .474		SHAFT GRIND	REAR END VIEW W-30 FOUR ORANGE STRIPES	

CHART - CAMSHAFT IDENTIFICATION									
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK
					5-22-66	E	W-30 INFORMATION ADDED	SA	FP
					6-27-66	D	658 USAGE REMOVED	SA	FP
					5-27-66	C	DIAGRAM REVISED	SA	FP
					5-27-66	B	NOTE ADDED	SA	FP
					5-27-66	A	LINE ADDED	SA	FP

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK
					5-27-66	F	IDENT. DURING MIXED PRODUCTION REMOVED	SA	FP

FIRST USED 1967			OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 6-0	PAGE 120
SERIES A-BC-E			PART NO 396334			

V8 ENGINE FINAL ASSEMBLY - SECTION 6-1

1.00	ENGINE IDENTIFICATION CHART
1.03	ENGINE NUMBER CHART
1.05	ENGINE APPEARANCE CHART
1.10	PULLEY AND BELT DATA CHART
1.15	PULLEY AND BELT DIAGRAM CHART
1.25	THROTTLE ADJUSTMENT CHART
1.30	ENGINE CONVERSION CHART
1.40	STANDARD GENERATOR
1.41	POWER STEERING PUMP AND BRACKETS
1.42	COILS, CONNECTORS AND PLUGS
1.43	STANDARD FAN AND HEATER DELETE WATER PUMP CAP
1.45	4 BBL CARBURETOR AND LINKAGE
1.47	2 BBL CARBURETOR AND LINKAGE
1.49	AT 4 BBL A/C AND 2 BBL DASHPOT
1.50	MODULATOR AND FILLER PIPES
1.51	ENGINE VACUUM HOSE ROUTING
1.56	CRANKCASE VENTILATION
1.57	FUEL PUMP TO CARBURETOR LINES AND WATER TEMPERATURE SWITCH

1.60	POWER PLANT TO FRAME
1.61	ENGINE OIL LEVEL INDICATOR
1.65	TRANSMISSION COOLER PIPES
1.80	CARBURETOR AIR PRE-HEATER
2.00	HEAVY DUTY FAN, PULLEY, CLUTCH & A/C WATER VALVE
2.01	A/C GENERATOR MOUNTING
2.02	A/C COMPRESSOR AND BRACKETS (EXC. 35K19)
3.90	RALLY PACK ENGINE SENDING UNIT
4.00	AIR CLEANERS AND CRANKCASE VENTILATION
4.01	AIR INJECTION REACTOR SYSTEM

(A)

DATE OF ISSUE 9-16-66

MANUAL NO. 394435

SECTION 6-1

PAGE 0.02

SECTION 6-1; V-8 ENGINE

<u>DESCRIPTION</u>	<u>PAGE</u>
MODULATOR & FILLER PIPES	1.50
MODULATOR & DISTRIBUTOR HOSE ROUTING	1.51
CRANKCASE VENTILATION	1.55
FUEL LINES & PUMP	1.57
POWER PLANT & FRAME	1.60
ENGINE OIL LEVEL INDICATOR	1.61
TRANSMISSION COOLER PIPES	1.65
CARB. AIR PRE-HEATER SYSTEM	1.80
HEAVY DUTY FAN & CLUTCH	2.00
V-8 GENERATOR MOUNTING WITH A/C	2.01
A/C COMPRESSOR & BRACKETS (EXC. 35K19)	2.02
35U21 ENGINE SENDING UNITS (35U22)	3.90
AIR CLEANERS & CRANKCASE VENTILATION	4.00
A.I.R. SYSTEM	4.01

OLDSMOBILE DIVISION

GENERAL MOTORS CORPORATION
LANSING — MICHIGAN

654 ENGINE (330 CU. IN.)

ALL 654 ENGINES WILL BE NUMBERED CONSECUTIVELY FROM ONE BLOCK OF SIX DIGIT NUMBERS, STARTING WITH 300001 AND PREFIXED AND SUFFIXED AS FOLLOWS:

ADD PREFIX "W" FOR ALL ENGINES FOR "A" BODY
PREFIX "X" FOR ALL ENGINES FOR "B" BODY

ADD SUFFIX "G" FOR ALL 4 BBL HIGH COMPRESSION
SUFFIX "E" FOR ALL 2 BBL LOW COMPRESSION EXPORT OPTION
SUFFIX "L" FOR ALL LOW COMPRESSION 2 BBL ENGINES
SUFFIX "V" FOR ALL 4 BBL LOW COMPRESSION EXPORT OPTION

EXAMPLES:

X300002	"B" BODY - 2 BBL CARB - HIGH COMPRESSION
W300003L	"A" BODY - 2 BBL CARB - LOW COMPRESSION
X300004L	"B" BODY - 2 BBL CARB - LOW COMPRESSION
W300005G	"A" BODY - 4 BBL CARB - HIGH COMPRESSION
X300006G	"B" BODY - 4 BBL CARB - HIGH COMPRESSION
W300007E	"A" BODY - 2 BBL CARB - LOW COMP. EXPORT OPTION
X300008E	"B" BODY - 2 BBL CARB - LOW COMP. EXPORT OPTION
W300009V	"A" BODY - 4 BBL CARB - LOW COMP. EXPORT OPTION
X300010	"A" BODY - 4 BBL CARB - LOW COMPRESSION

658 ENGINE (400 CU. IN.)

ALL 658 ENGINES WILL BE NUMBERED CONSECUTIVELY FROM ONE BLOCK OF SIX DIGIT NUMBERS STARTING WITH 200001 AND PREFIXED AND SUFFIXED AS FOLLOWS:

ADD PREFIX "V" FOR ALL 658 ENGINES
ADD SUFFIX "G" FOR ALL 4 BBL HIGH COMPRESSION

EXAMPLES: V200001 - 2 BBL CARB - HIGH COMPRESSION
V200002 G - 4 BBL CARB - HIGH COMPRESSION

657 & 664 ENGINES (425 CU. IN.)

ALL 657 AND 664 ENGINES WILL BE NUMBERED CONSECUTIVELY FROM ONE BLOCK OF SIX DIGIT NUMBERS STARTING WITH 001001 AND PREFIXED AND SUFFIXED AS FOLLOWS:

ADD PREFIX "P" FOR ALL 2 BBL CARB
PREFIX "R" FOR ALL 4 BBL CARB

ADD SUFFIX "T" FOR ALL 664 "TORONADO" ENGINES
SUFFIX "E" FOR 2 OR 4 BBL CARB EXPORT LOW COMPRESSION OPTIONS
SUFFIX "L" FOR 2 BBL CARB LOW COMPRESSION
SUFFIX "S" FOR 4 BBL CARB "STARFIRE"

EXAMPLES:

P001001	657 - 2 BBL CARB - HIGH COMPRESSION
R001002	657 - 4 BBL CARB - HIGH COMPRESSION
P001003L	657 - 2 BBL CARB - LOW COMPRESSION
R001004S	657 - 4 BBL CARB - "STARFIRE"
P001005E	657 - 2 BBL CARB - EXPORT LOW COMP.
R001006E	657 - 4 BBL CARB - EXPORT LOW COMP.
R001007T	664 - "TORONADO" ENGINE

UNIT NUMBER IS STAMPED ON THE MACHINED PAD ON THE FRONT OF THE R. H. CYLINDER HEAD

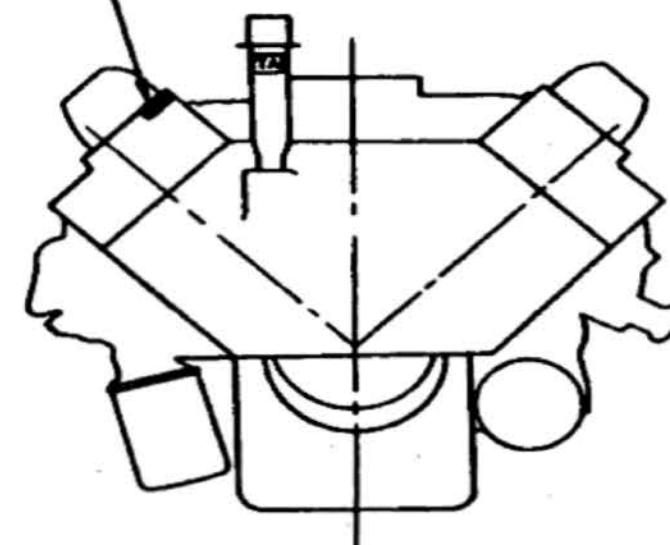
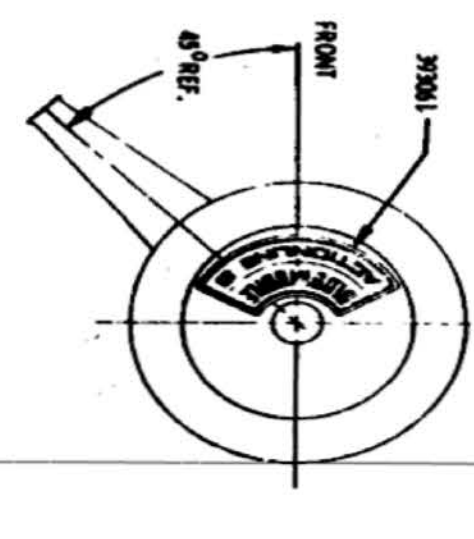
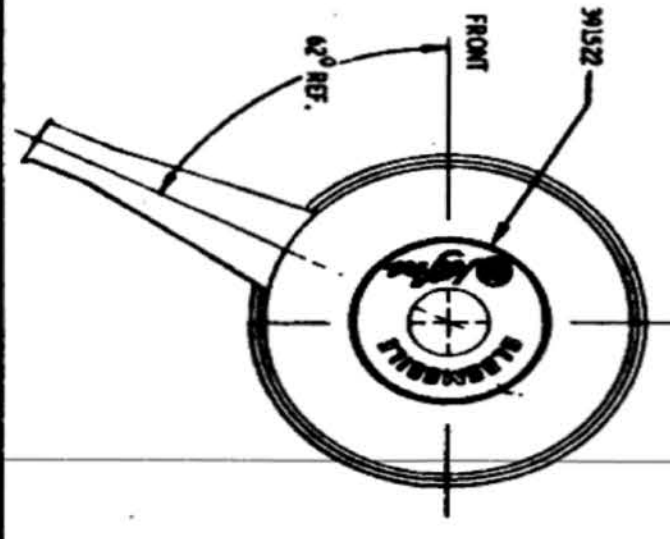
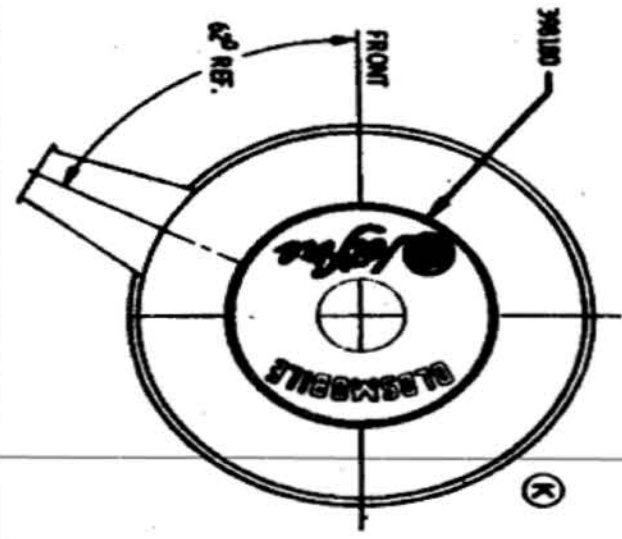
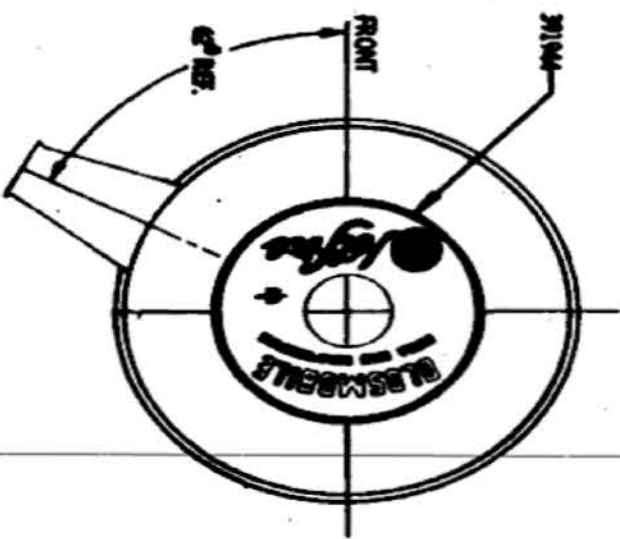


CHART - ENGINE NUMBER										TITLE		FIRST USED		MANUAL SECTION		PAGE	
										DATE	BY	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	6-1	1.03		
										300002 B	EXAMPLES REVISED	12/77					
										6366 A	SUFFIX ADDED	12/77					
DATE	BYM	REVISION	DL	CL	DATE	BYM	REVISION	DL	CL	DATE	BYM	REVISION	DL	CL	DATE	BYM	
													ABCE				

ENGINE AND COLOR	COMPRESSION RATIO	ENGINE CODE	AIR CLEANER		LABEL CLAMP AND COLOR
			PART NO.	COLOR	
LA (250 CU. IN.) ACTIONLINE 6 1 88L. GOLD	REGULAR FUEL LOW	VA VD VE VF VC VD VE VF VH	642516 EXC. K20	BLACK	NONE
VB (330 CU. IN.) JETFIRE 4 88L. GOLD	REGULAR FUEL LOW	QA QB QC QD	642262 EXC. K20 OR K50	BLACK	397349 CHROME
		KO1 KO2 KOA KOB	642192 WITH K20 EXC. K50		
VB (330 CU. IN.) JETFIRE 4 88L. GOLD	REGULAR FUEL LOW	OS OU	642265 EXC. K20 OR K50	BLACK	397656 CHROME
		KOS KOU	642193 WITH K20 EXC. K50		
VB (330 CU. IN.) JETFIRE 4 88L. GOLD	EXPORT LOW	OC OK	642262 EXC. K50	RED	397656 CHROME
		OX OY	642192 WITH K20 EXC. K50		



↑ AIR CLEANER LABEL FRONT

SHIFT 1 OF 4

<table border="1"> <tr> <th>DATE</th> <th>SYM</th> <th>REVISION</th> <th>DR</th> <th>CL</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				DATE	SYM	REVISION	DR	CL						<table border="1"> <tr> <th>DATE</th> <th>SYM</th> <th>REVISION</th> <th>DR</th> <th>CL</th> </tr> <tr> <td>5-8-66</td> <td>K</td> <td>VIEW REVISED</td> <td></td> <td></td> </tr> <tr> <td>5-24-66</td> <td>J</td> <td>REVISED</td> <td></td> <td></td> </tr> <tr> <td>7-27-66</td> <td>H</td> <td>WAS BLACK</td> <td></td> <td></td> </tr> <tr> <td>7-7-66</td> <td>G</td> <td>LABEL LOCATION REVISED</td> <td></td> <td></td> </tr> <tr> <td>7-26-66</td> <td>F</td> <td>LABELS REMOVED</td> <td></td> <td></td> </tr> </table>				DATE	SYM	REVISION	DR	CL	5-8-66	K	VIEW REVISED			5-24-66	J	REVISED			7-27-66	H	WAS BLACK			7-7-66	G	LABEL LOCATION REVISED			7-26-66	F	LABELS REMOVED			<table border="1"> <tr> <th>DATE</th> <th>SYM</th> <th>REVISION</th> <th>DR</th> <th>CL</th> </tr> <tr> <td>5-22-66</td> <td>E</td> <td>WAS 391392 BLACK</td> <td></td> <td></td> </tr> <tr> <td>5-22-66</td> <td>D</td> <td>WAS 391394 RED</td> <td></td> <td></td> </tr> <tr> <td>5-22-66</td> <td>C</td> <td>EXC. K20 ADDED</td> <td></td> <td></td> </tr> <tr> <td>5-22-66</td> <td>B</td> <td>WITH K20 ADDED</td> <td></td> <td></td> </tr> <tr> <td>5-27-66</td> <td>A</td> <td>WAS 6418735</td> <td></td> <td></td> </tr> </table>				DATE	SYM	REVISION	DR	CL	5-22-66	E	WAS 391392 BLACK			5-22-66	D	WAS 391394 RED			5-22-66	C	EXC. K20 ADDED			5-22-66	B	WITH K20 ADDED			5-27-66	A	WAS 6418735			<table border="1"> <tr> <td colspan="2">TITLE</td> <td colspan="2">CHART - ENGINE APPEARANCE</td> </tr> <tr> <td>DATE</td> <td>APRIL 29, 1966</td> <td>FIRST USED</td> <td>1967</td> </tr> <tr> <td>DR BY</td> <td>JEFF JOHNSON</td> <td>OLDSMOBILE PRODUCT INFORMATION MANUAL</td> <td>MANUAL SECTION</td> </tr> <tr> <td>CHECKED</td> <td>J. N. FINNES</td> <td>SERIES</td> <td>A</td> </tr> <tr> <td>APPR.</td> <td></td> <td>PART NO.</td> <td>397549</td> </tr> <tr> <td>APPR.</td> <td></td> <td>PAGE</td> <td>1.05</td> </tr> </table>				TITLE		CHART - ENGINE APPEARANCE		DATE	APRIL 29, 1966	FIRST USED	1967	DR BY	JEFF JOHNSON	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	CHECKED	J. N. FINNES	SERIES	A	APPR.		PART NO.	397549	APPR.		PAGE	1.05
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OLDSMOBILE DIVISION

GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

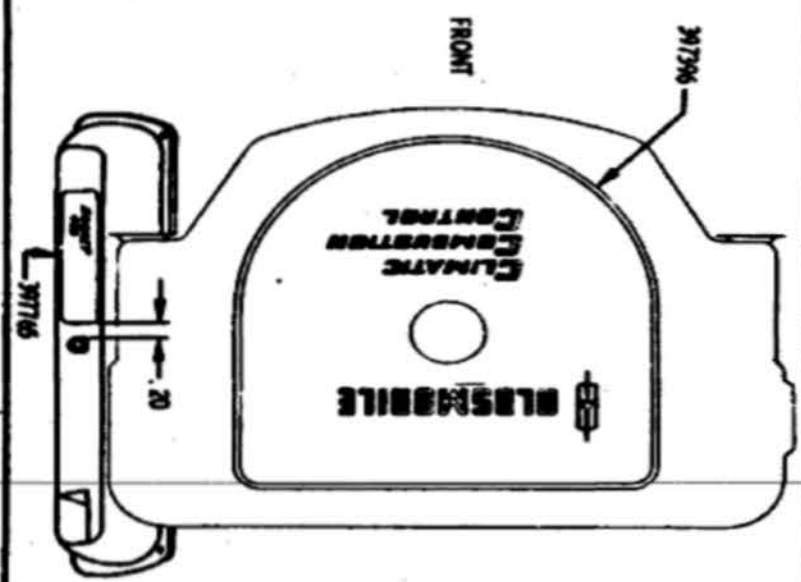
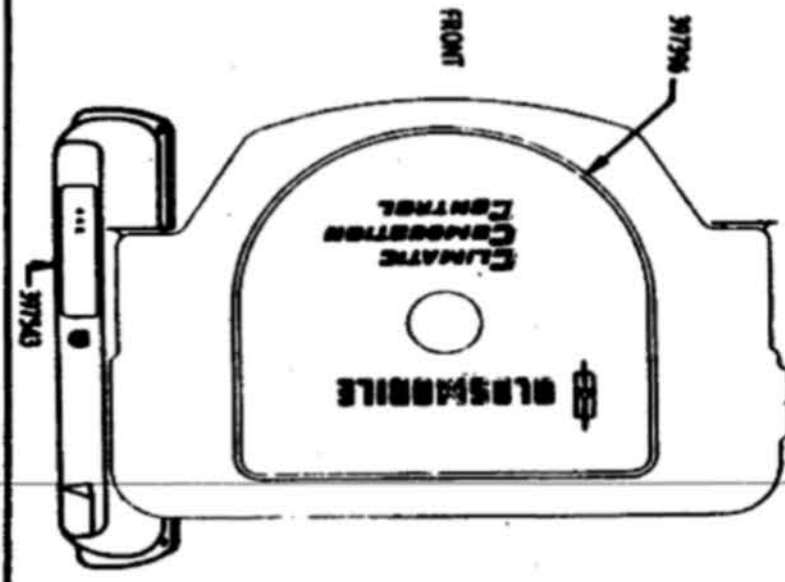
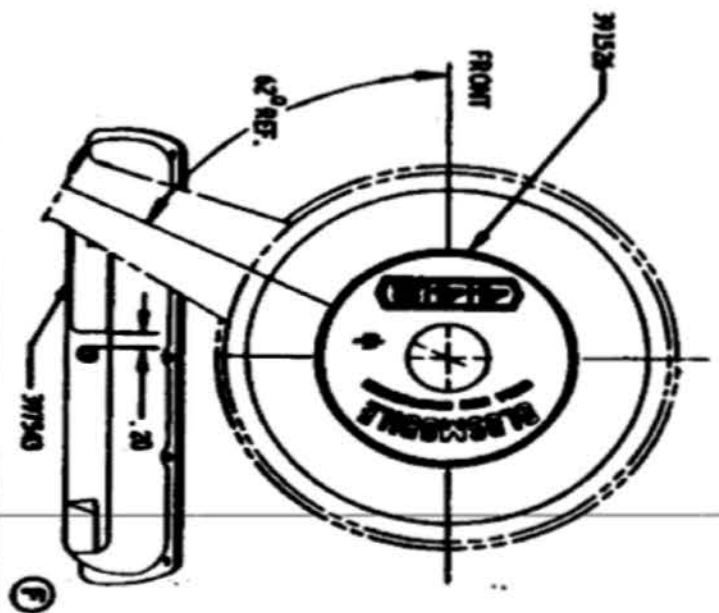
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			PART NO.	COLOR		
V8 (330 CU. IN.) JETFIRE 2.88L. GOLD	REGULAR FUEL LOW	QA	642379	BLACK	397502 CHROME	FRONT 397506 CLIMATE CONTROL EXHAUSTION OLDSMOBILE
		QB QC QD QE	WITH K50 EXC. K20			
V8 (330 CU. IN.) JETFIRE 4.88L. GOLD	EXPORT LOW	OS	6423780	BLACK	397502 CHROME	FRONT 397396 CLIMATE CONTROL EXHAUSTION OLDSMOBILE
		OT OU OV	WITH K50 AND K20			
V8 (330 CU. IN.) JETFIRE 4.88L. GOLD	PREMIUM FUEL HIGH	ON	6423823	BLACK	397502 CHROME	FRONT 397506 CLIMATE CONTROL EXHAUSTION OLDSMOBILE
		OP OQ OR	WITH K50 AND K20			

SHEET 2

TITLE CHART - ENGINE APPEARANCE		DATE APRIL 20, 1966	FIRST USED 1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 6-1	PAGE 106
DR. BY JEFF JOHNSON		CHECKED J. N. FRIES		PART NO. 397549		
REVISED		APPROVED		SERIES A		

DATE	BY	REVISION	DATE	BY	REVISION
5/25/66	C	REVISED			
5/27/66	B	WAS BLACK			
5/27/66	A	LABEL LOCATION REVISED			

ENGINE AND COLOR	COMPRESSION RATIO	ENGINE CODE	AIR CLEANER		LABEL CLAMP AND COLOR
			PART NO.	COLOR	
V8 400 CU. (IN.) 427 4 BRL. BRONZE	PREMIUM FUEL HIGH	OR KOR KOR	39702 WITH K30 D.C. K30 OR K30	BLACK	39702 CHROME CHROME
V8 400 CU. (IN.) 427 4 BRL. BRONZE	PREMIUM FUEL HIGH	OR KOR KOR	39702 WITH K30 D.C. K30 OR K30	BLACK	39702 CHROME CHROME
V8 400 CU. (IN.) 427 4 BRL. BRONZE	PREMIUM FUEL HIGH	OR KOR KOR	39702 WITH K30 D.C. K30 OR K30	BLACK	39702 CHROME CHROME



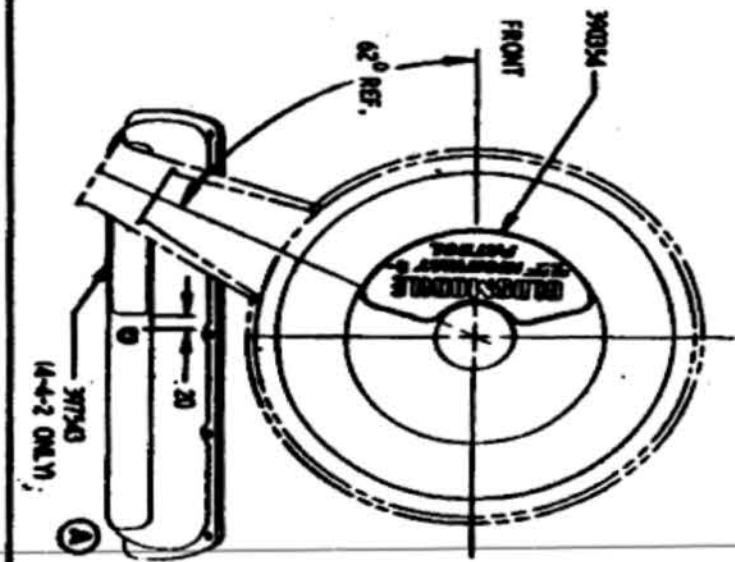
AIR CLEANER LABEL
FRONT

SHEET 3

11-174 G WAS 39702E 9-24 F LABEL ADDED				11-174 G WAS 39702E 9-24 F LABEL ADDED				11-174 G WAS 39702E 9-24 F LABEL ADDED				11-174 G WAS 39702E 9-24 F LABEL ADDED							
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK

TITLE CHART - ENGINE APPEARANCE		FIRST USED 1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 6-1	PAGE 1.07
DATE APRIL 23, 1966		CHECKED BY JEFF JOHNSON		SERIES A	
PART NO. 397549		PART NO. 397549			

ENGINE AND COLOR	COMPRESSION RATIO	ENGINE CODE	AIR CLEANER		COLOR	LABEL CLAMP AND COLOR	AIR CLEANER LABEL
			PART NO.				
V8 (330 CU. IN.) JET-FIRE HIGHWAY PATROL 4 BBL. GOLD	PREMIUM FUEL HIGH	QM OX OP KOK OP KOK	642204 EXC. K20 OR K30	397201 A.T. EXC. K20 OR K30	RED	NO CLAMP SELF ADHERING LABEL	
V8 (400 CU. IN.) 42 HIGHWAY PATROL 4 BBL. SMOKE	PREMIUM FUEL HIGH	QM OR	397104 S.M. NO SMOKE EXC. K20 OR K30	397107 A.T. OR S.M. WITH K20 EXC. K30	CHROME		

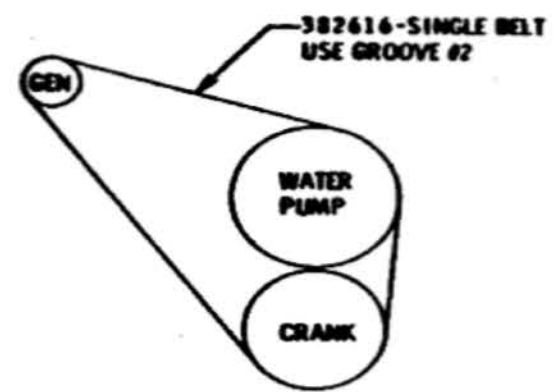
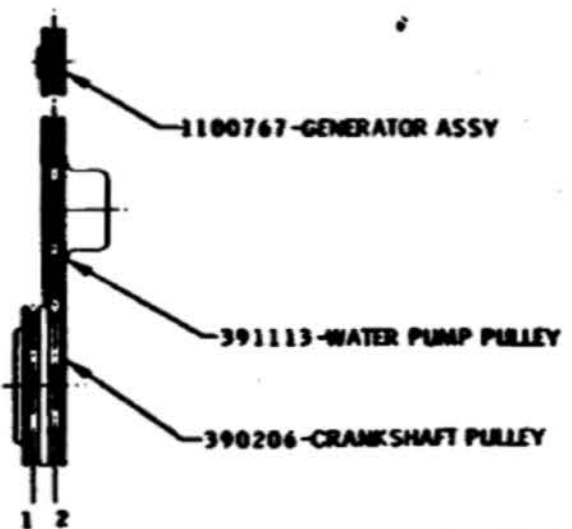


SHEET 4

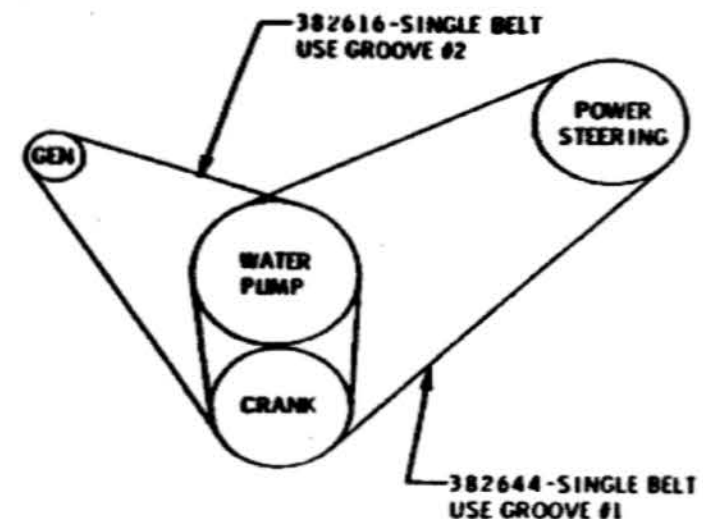
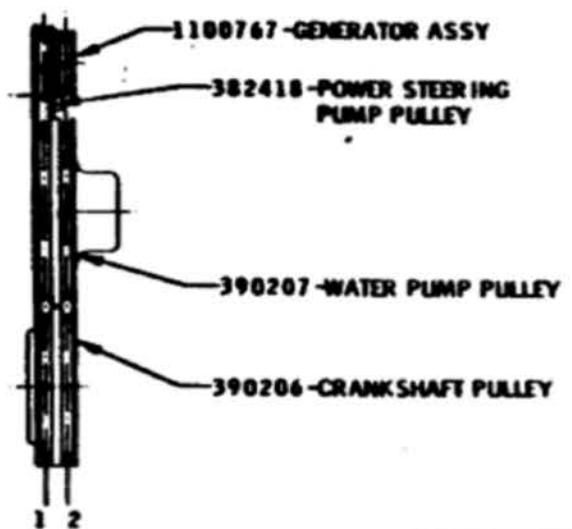
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DR. BY BILL SCHMIDT						CHECKED T. N. FARRIS		SERIES A		PAGE 1.08	
REVISION 11-17-66 B						REVISION 11-17-66 A		PART NO. 397549			
REVISION MRS 59563E						REVISION LABEL ADDED					
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM

OLDSMOBILE DIVISION

GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

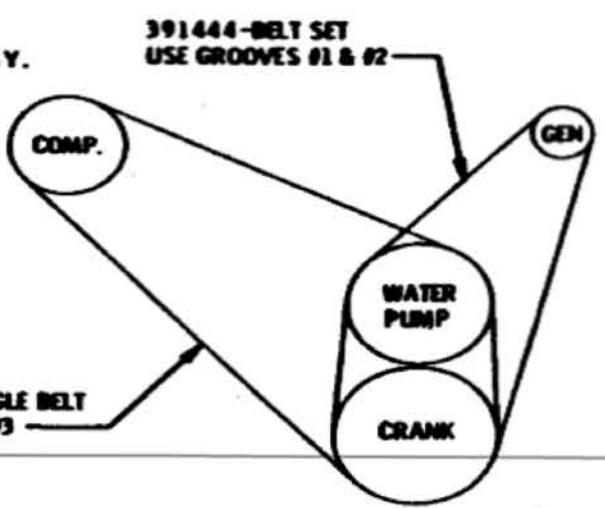
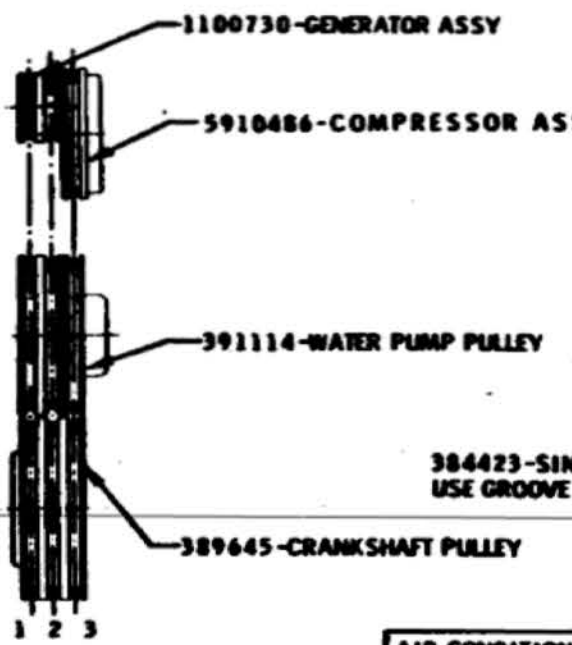


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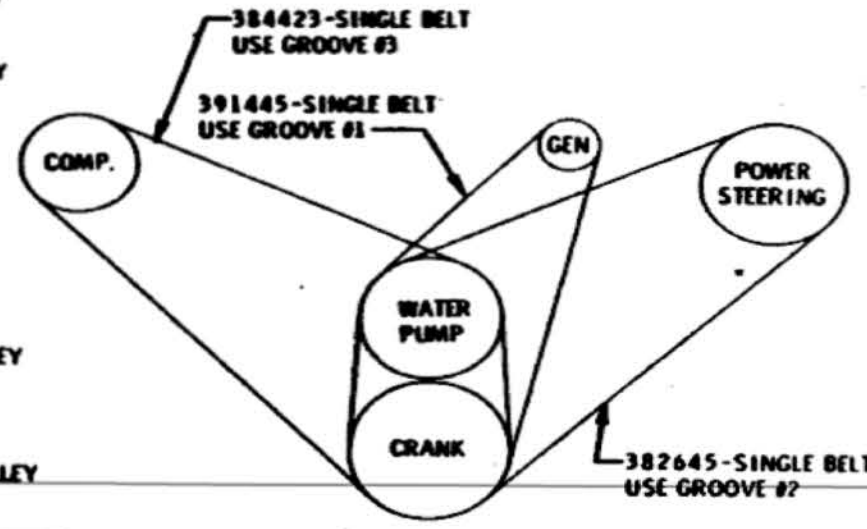
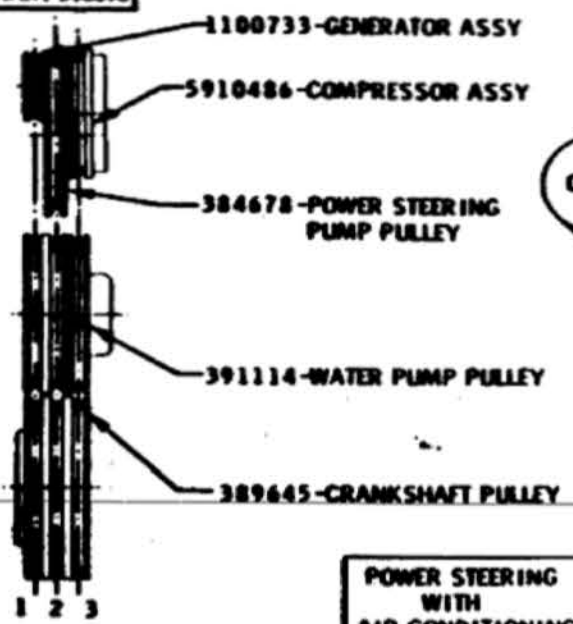


POWER STEERING

FOR ADDITIONAL PULLEY & BELT DRIVE INFORMATION, SEE PULLEY & BELT DATA CHART 396690



AIR CONDITIONING



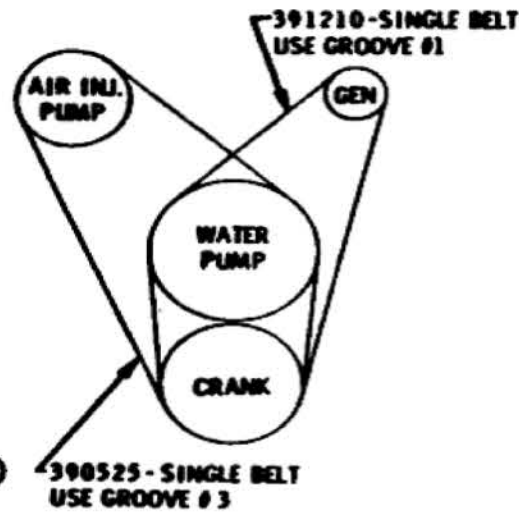
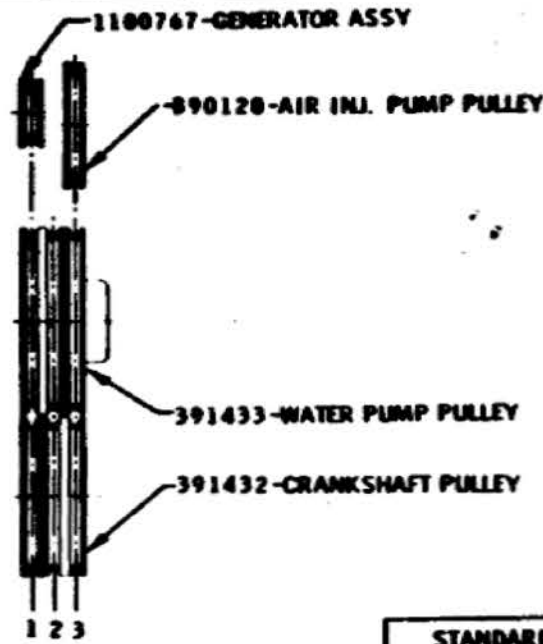
POWER STEERING WITH AIR CONDITIONING

**(A) ENGINE - 330 CU. IN. V8
COLOR - GOLD**

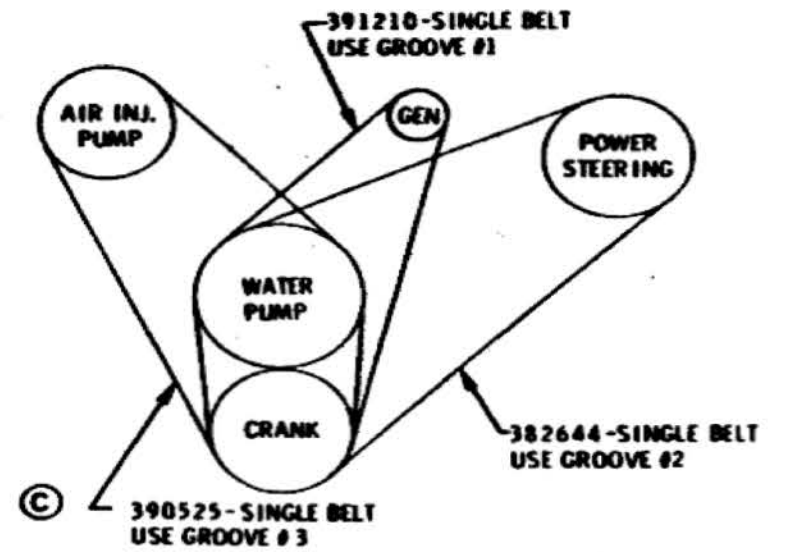
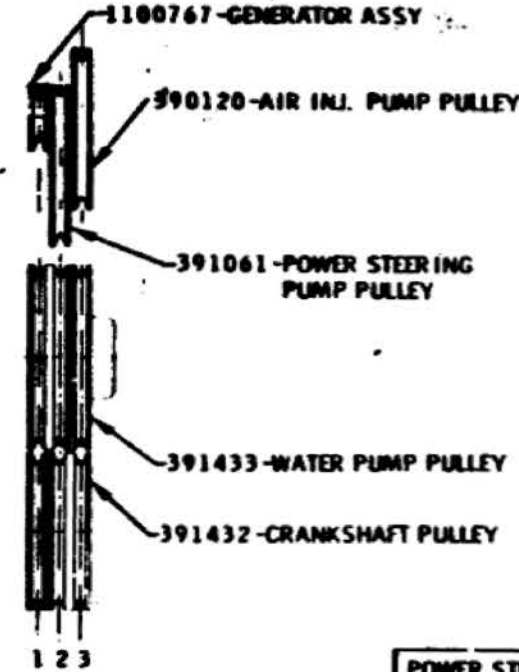
SHEET 1 OF 9

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OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING — MICHIGAN

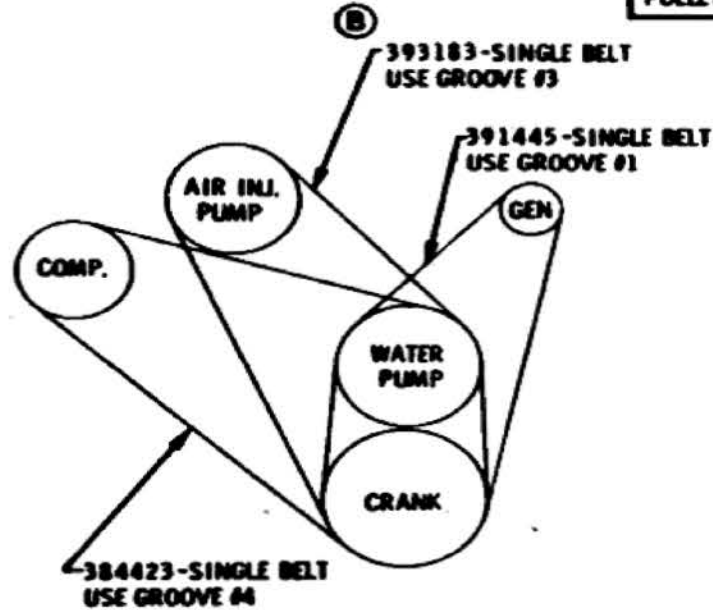
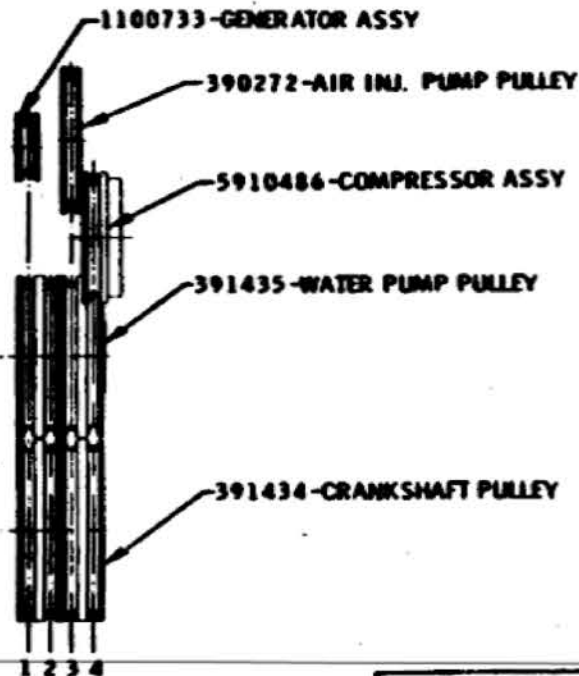


STANDARD WITH AIR INJ. PUMP

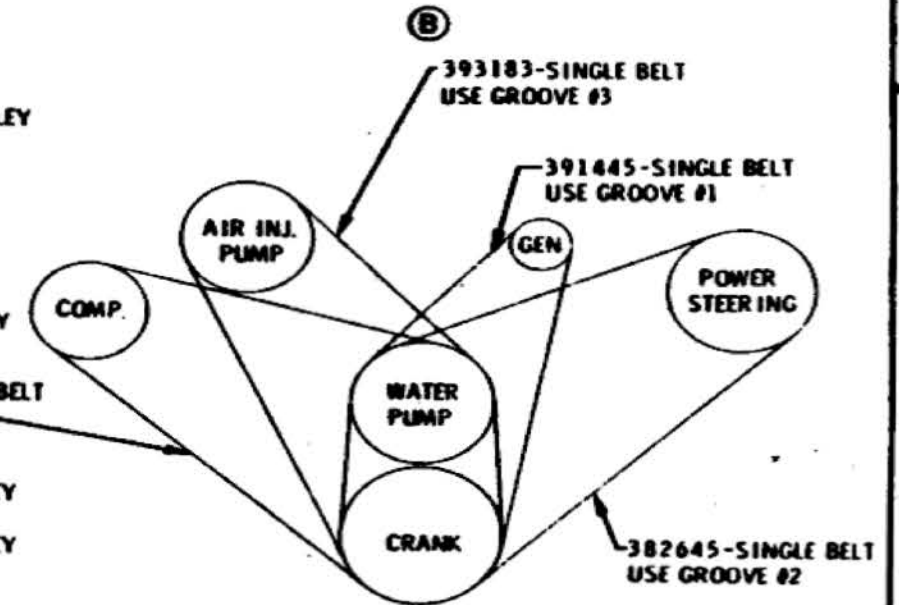
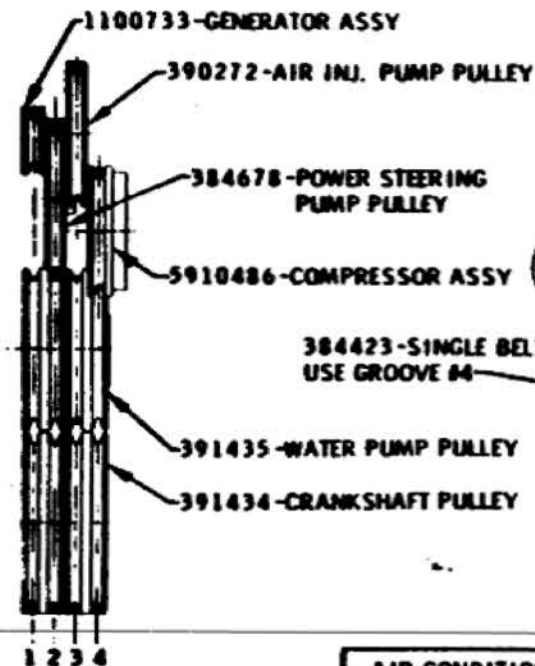


POWER STEERING WITH AIR INJ. PUMP

FOR ADDITIONAL PULLEY & BELT DRIVE INFORMATION, SEE PULLEY & BELT DATA CHART 396690



AIR CONDITIONING WITH AIR INJ. PUMP

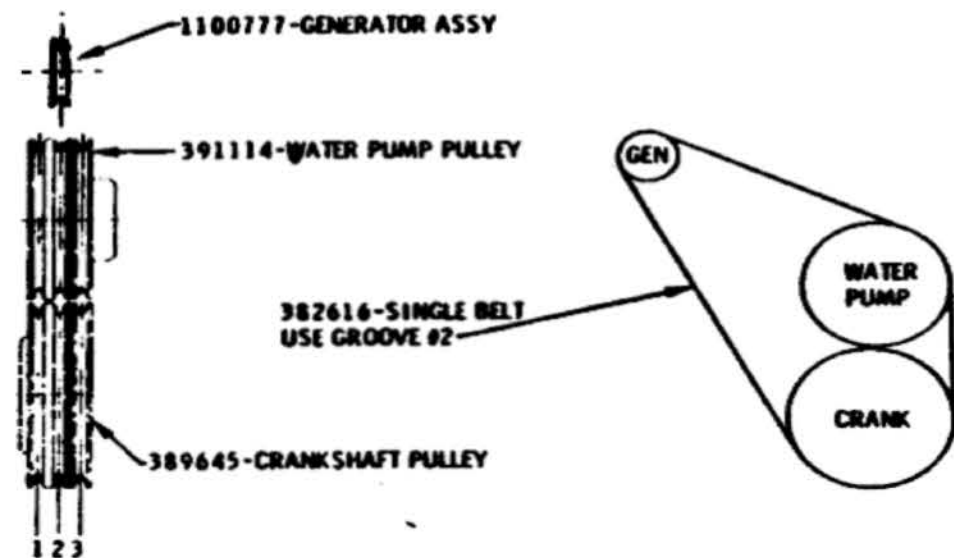


AIR CONDITIONING AND POWER STEERING WITH AIR INJ. PUMP

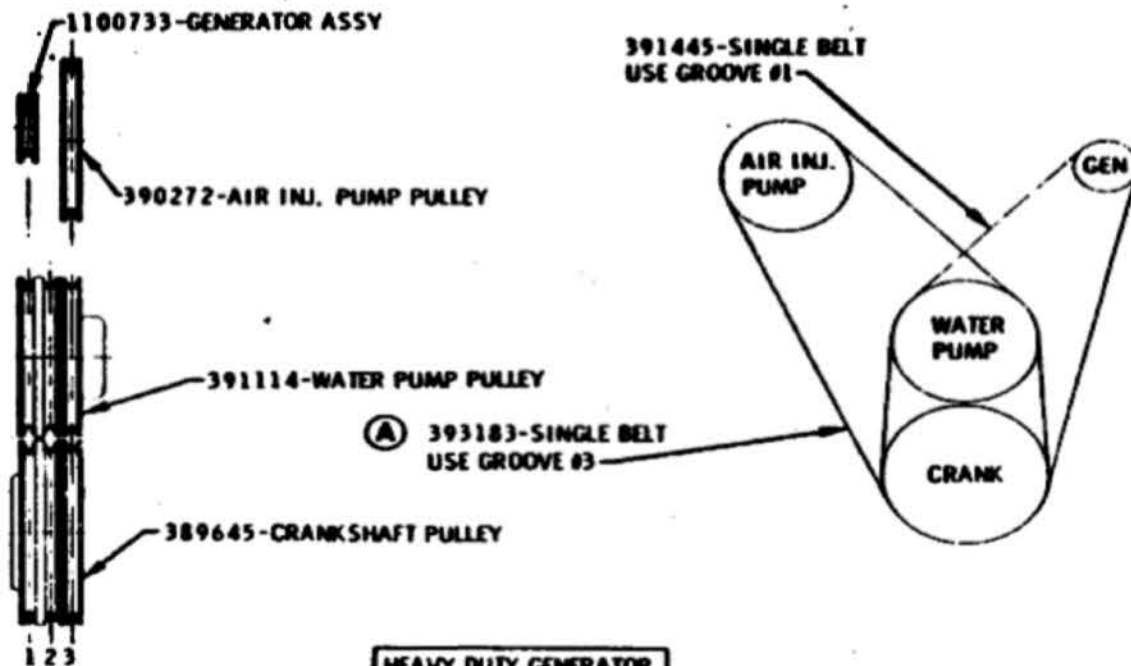
(A) ENGINE - 330 CU. IN. V8
COLOR - GOLD

SHEET 2

REVISIONS										TITLE				FIRST USED		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE	
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										BY DON WALKIN											
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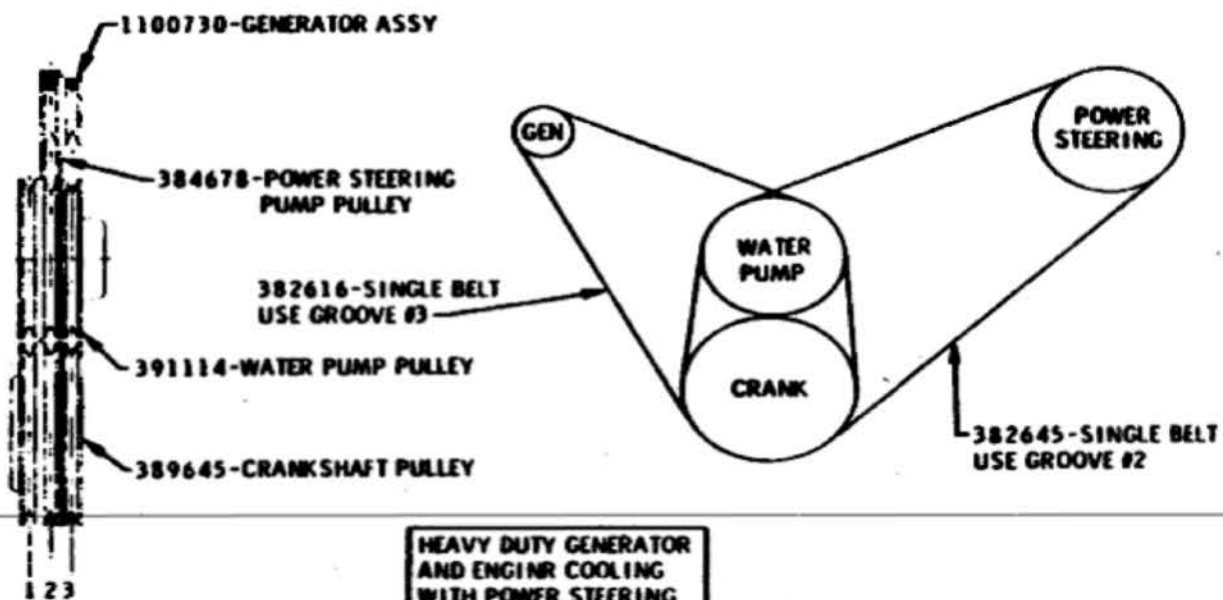


HEAVY DUTY GENERATOR AND ENGINE COOLING

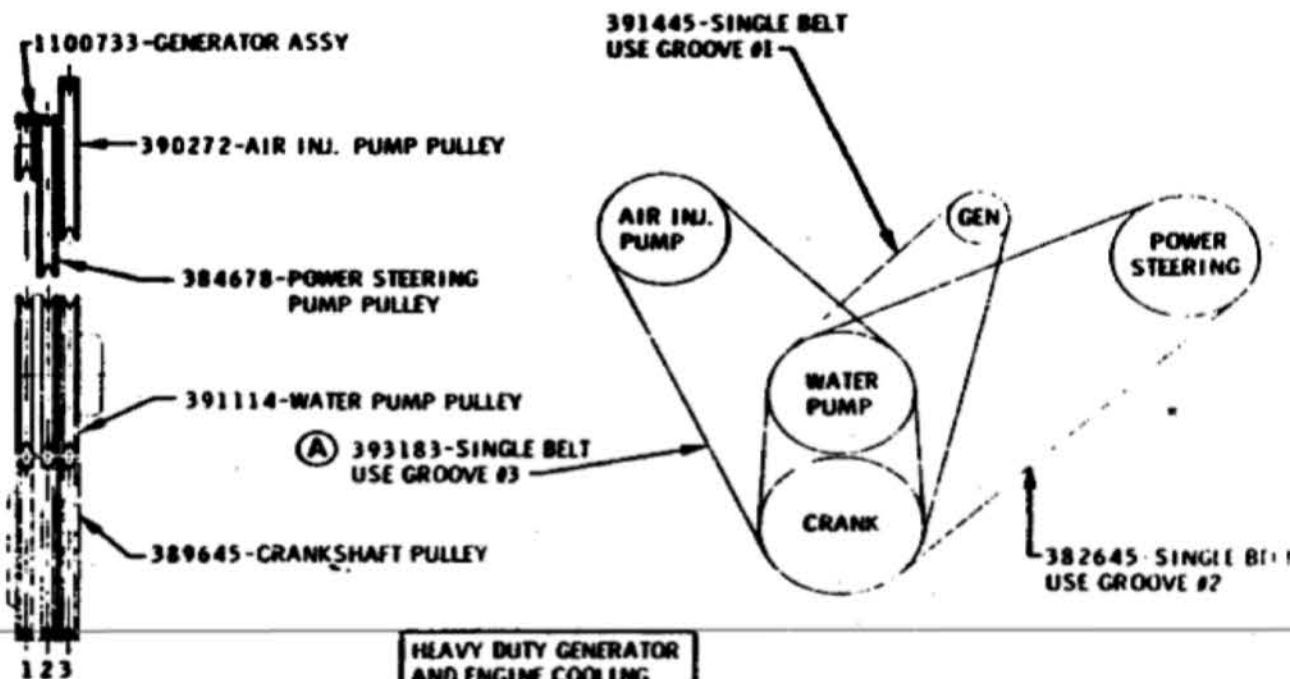


HEAVY DUTY GENERATOR AND ENGINE COOLING WITH AIR INJ. PUMP

FOR ADDITIONAL PULLEY & BELT DRIVE INFORMATION, SEE PULLEY & BELT DATA CHART 396690



HEAVY DUTY GENERATOR AND ENGINE COOLING WITH POWER STEERING



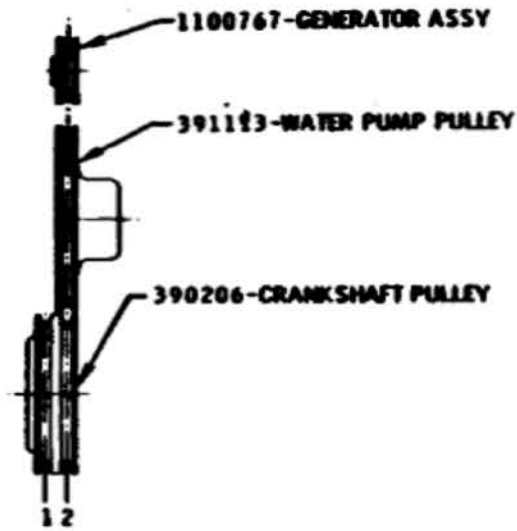
HEAVY DUTY GENERATOR AND ENGINE COOLING WITH POWER STEERING AND AIR INJ. PUMP

ENGINE-330 CU. IN. V8 COLOR-GOLD SHEET 3

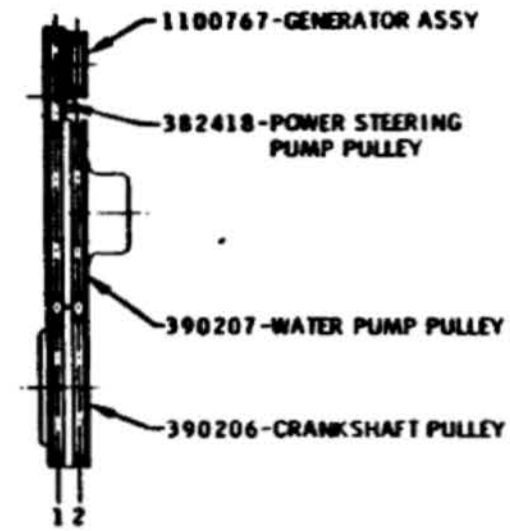
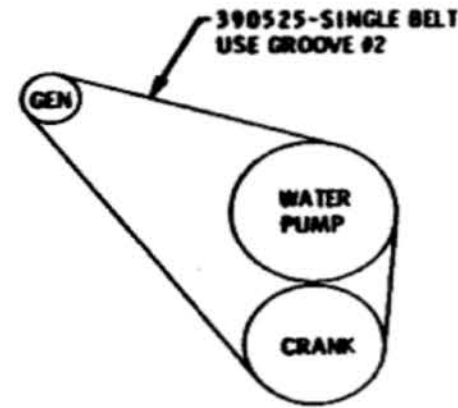
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OLDSMOBILE DIVISION

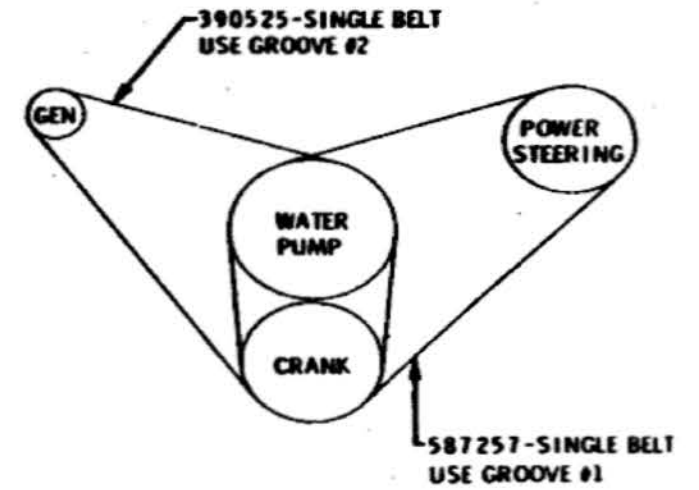
GENERAL MOTORS CORPORATION
LANSING - MICHIGAN



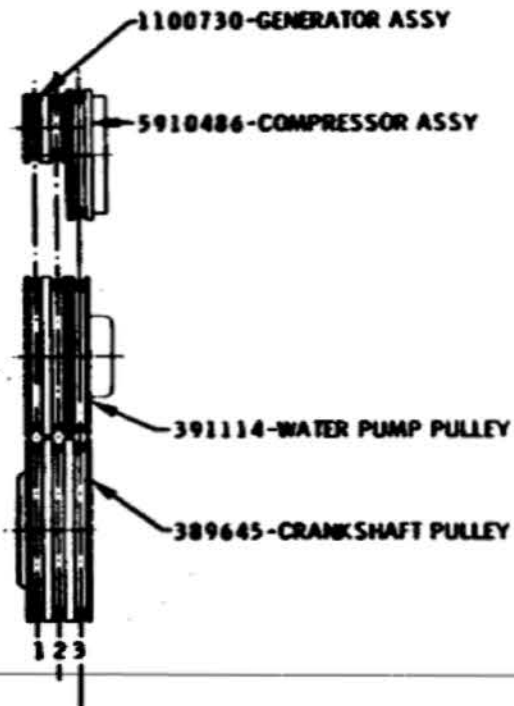
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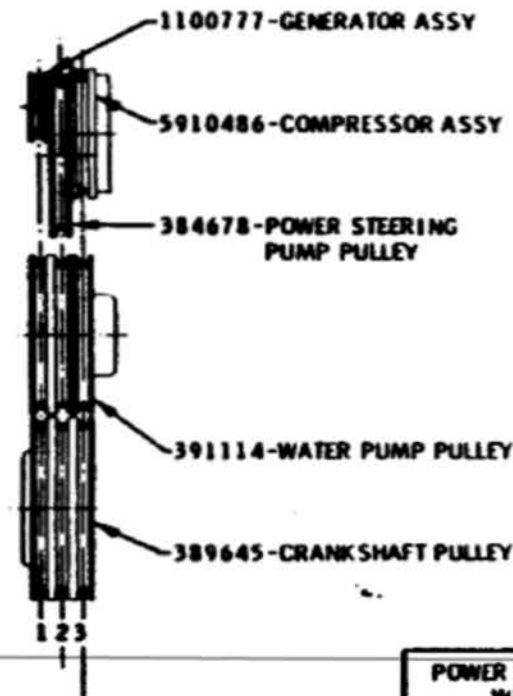
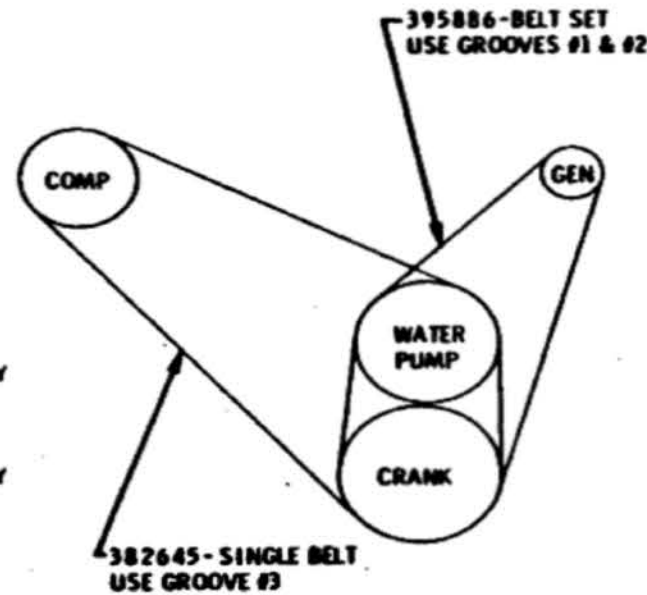
POWER STEERING



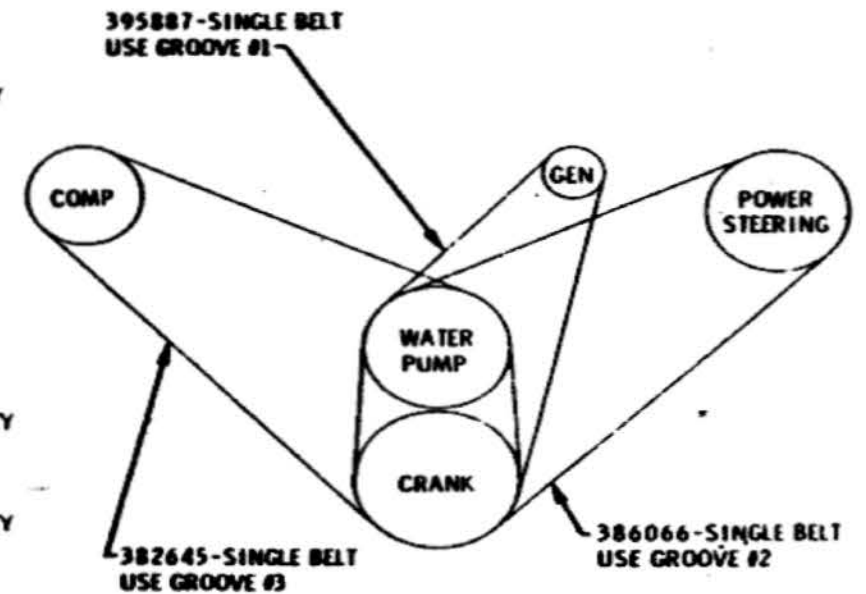
FOR ADDITIONAL PULLEY & BELT
DRIVE INFORMATION, SEE
PULLEY & BELT DATA CHART 396690



AIR CONDITIONING



**POWER STEERING
WITH
AIR CONDITIONING**

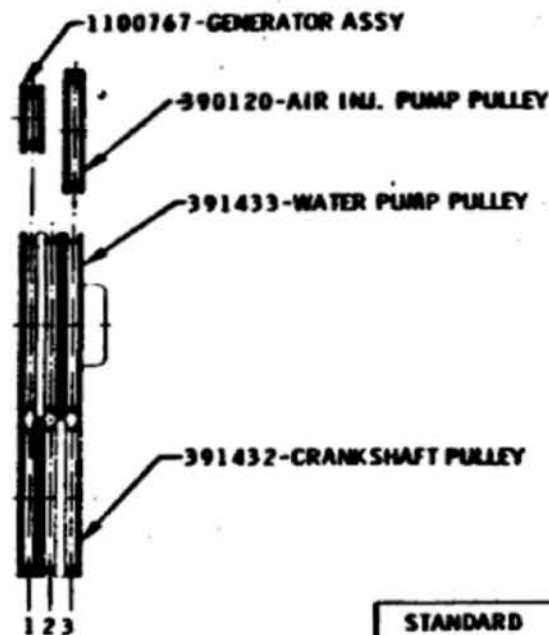


ENGINE-400 CU. IN. V8
COLOR-BRONZE

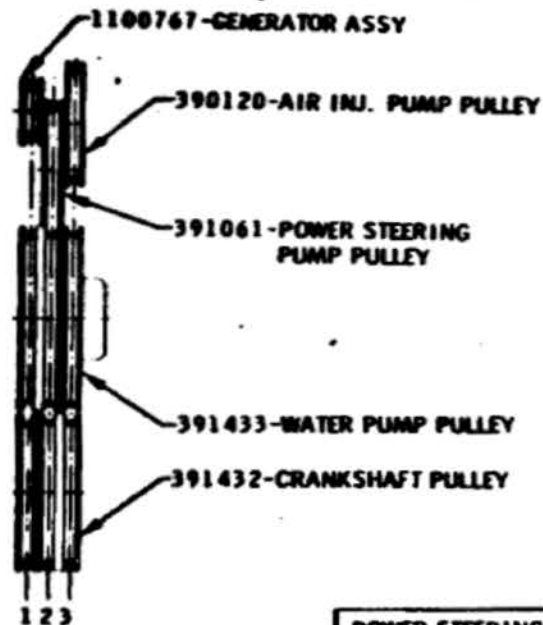
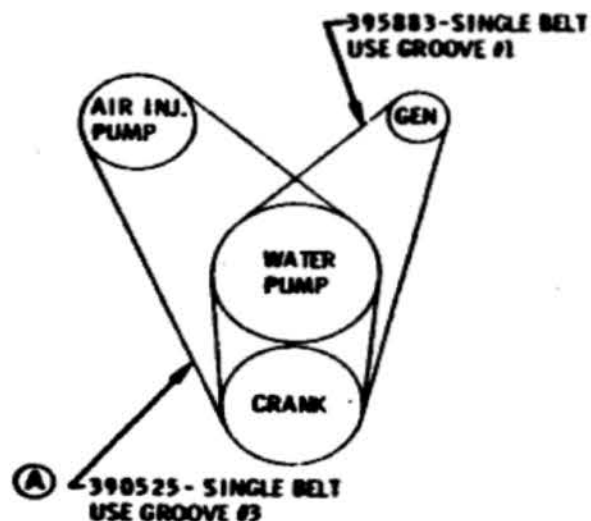
SHEET 4

REVISION										TITLE									
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.				
												CHART - PULLEY & BELT DIAGRAM DATE MARCH 3, 1966 DR BY BARRY PARKER CHECKED J. S. [Signature] APPR. [Signature]							
												FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 6-1		PAGE 1.18	
												SERIES A		PART NO. 396737					

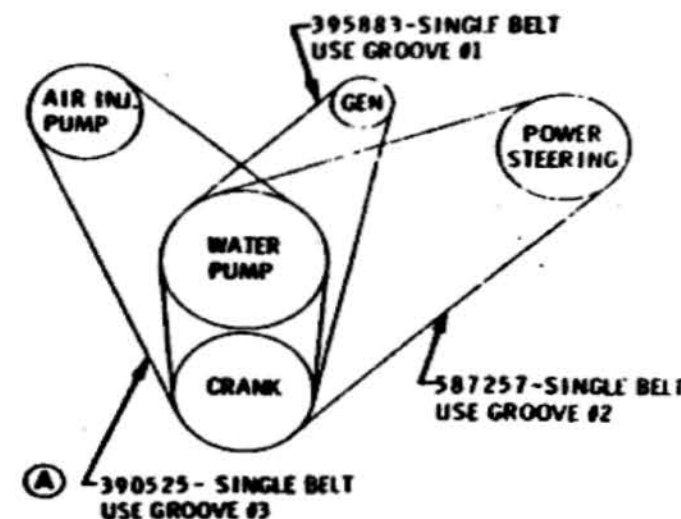
OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING — MICHIGAN



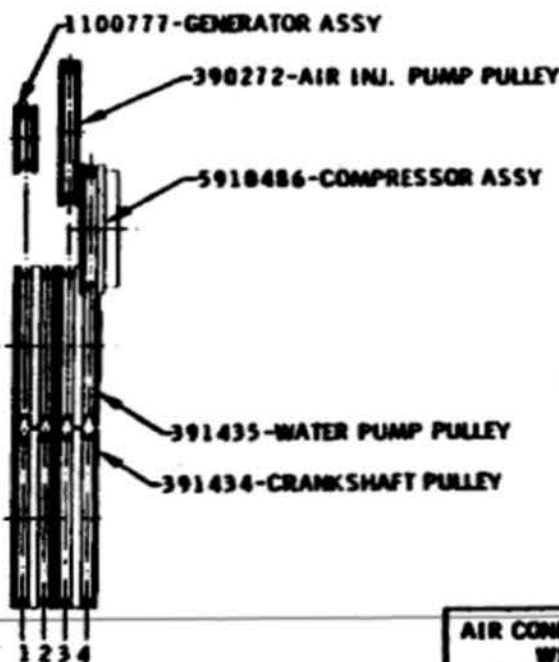
STANDARD
WITH
AIR INJ. PUMP



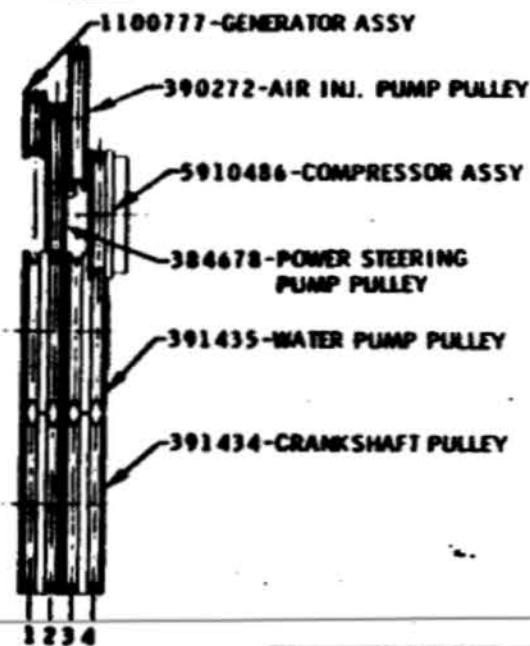
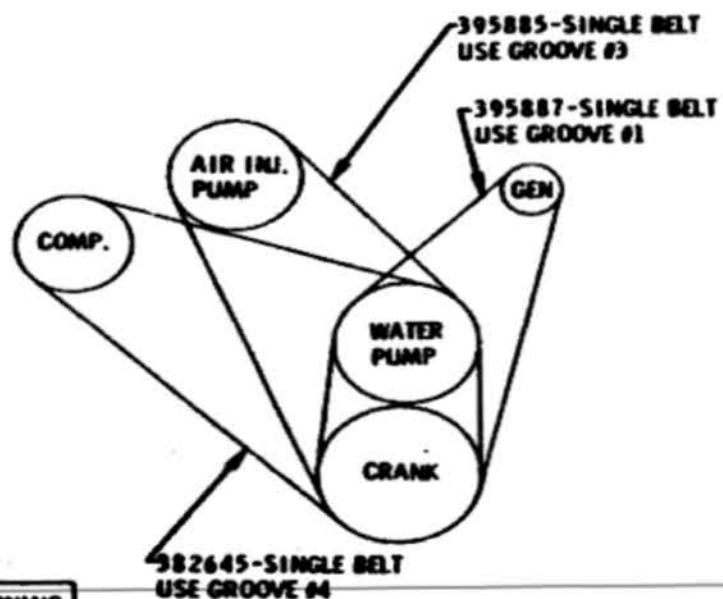
POWER STEERING
WITH
AIR INJ. PUMP



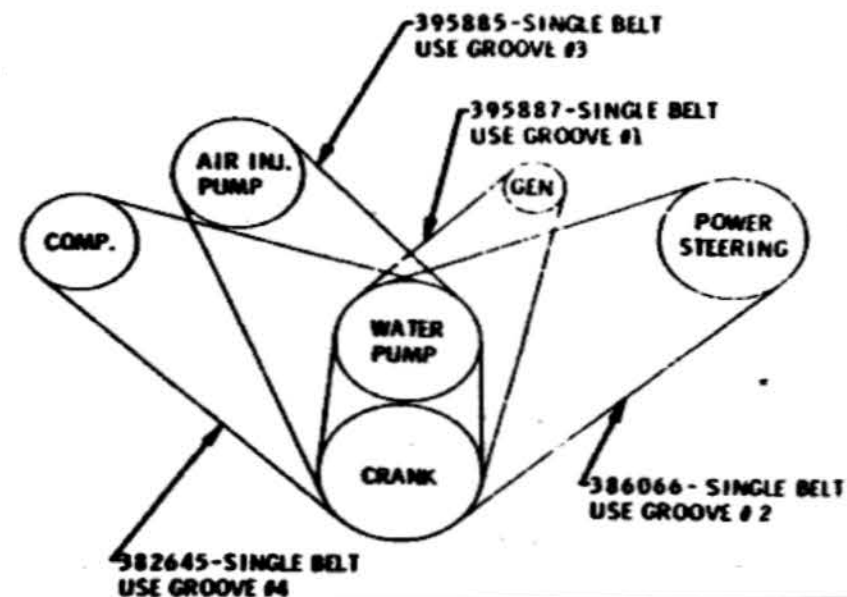
FOR ADDITIONAL PULLEY & BELT
DRIVE INFORMATION, SEE
PULLEY & BELT DATA CHART 396690



AIR CONDITIONING
WITH
AIR INJ. PUMP



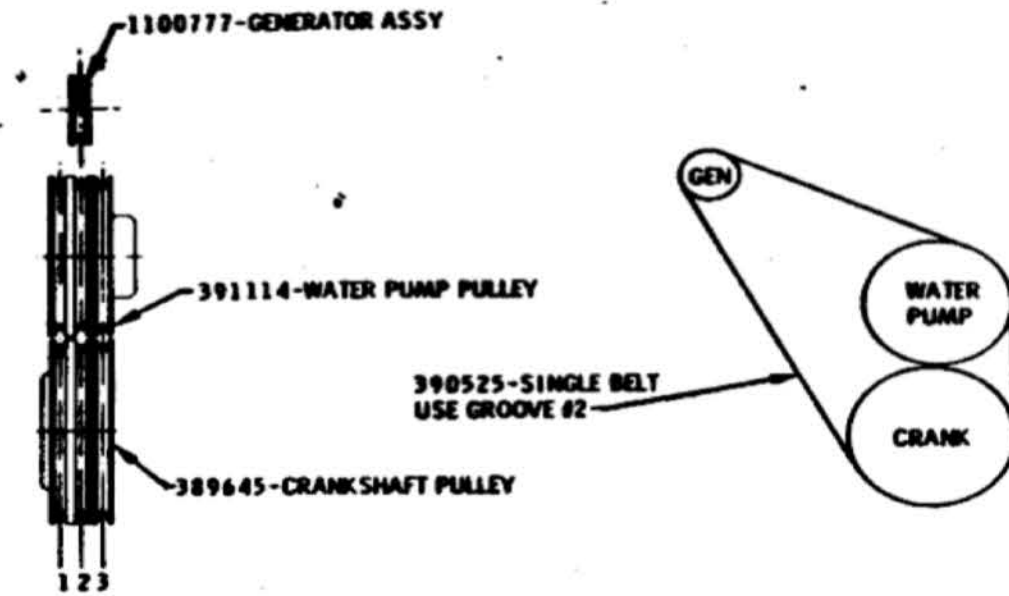
AIR CONDITIONING
AND POWER STEERING
WITH AIR INJ. PUMP



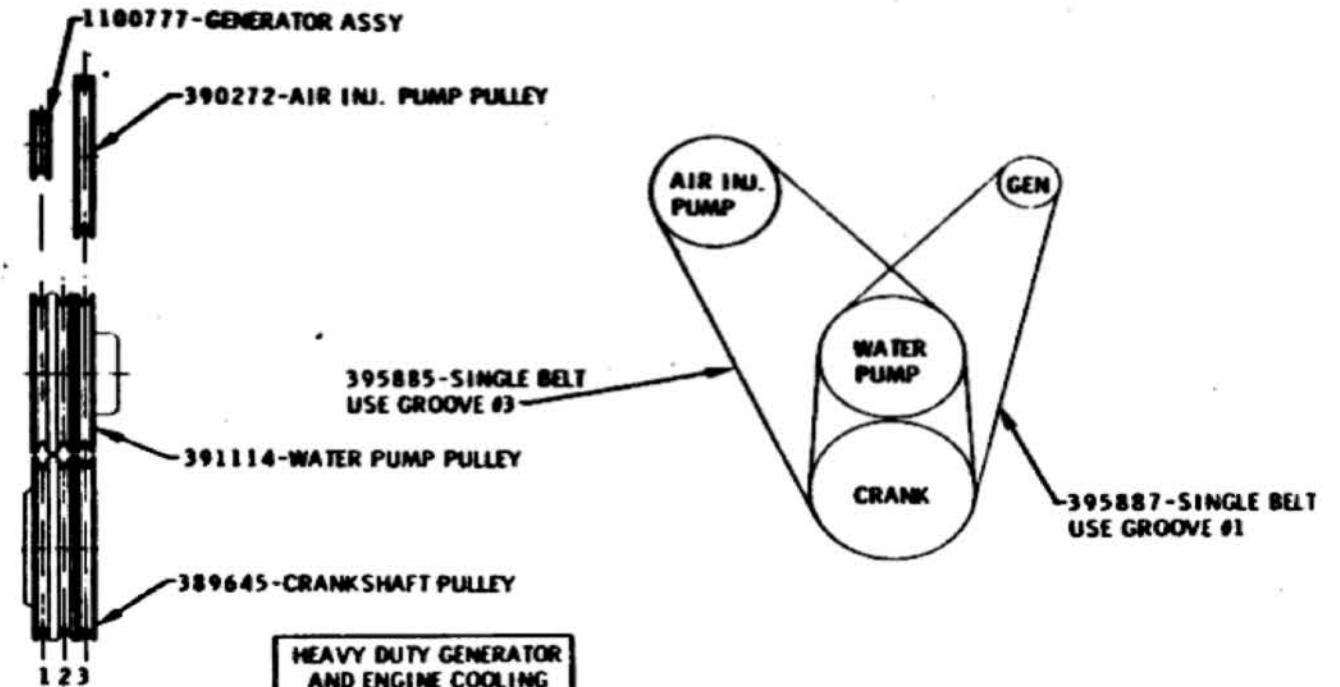
ENGINE-400 CU. IN. V8
COLOR-BRONZE

SHEET 5

TITLE										CHART - PULLEY & BELT DIAGRAM					
DATE <i>MARCH 3, 1966</i>										PART USED	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	
DR. BY <i>DON WALKER</i>										SERIES	A	PART NO.	396737		
CHECKED <i>[Signature]</i>										REV.					
APPR. <i>[Signature]</i>										SERIES	A	PART NO.	396737		
DATE	BY	REVISION	DR.	CK.	DATE	BY	REVISION	DR.	CK.	DATE	BY	REVISION	DR.	CK.	APPR.

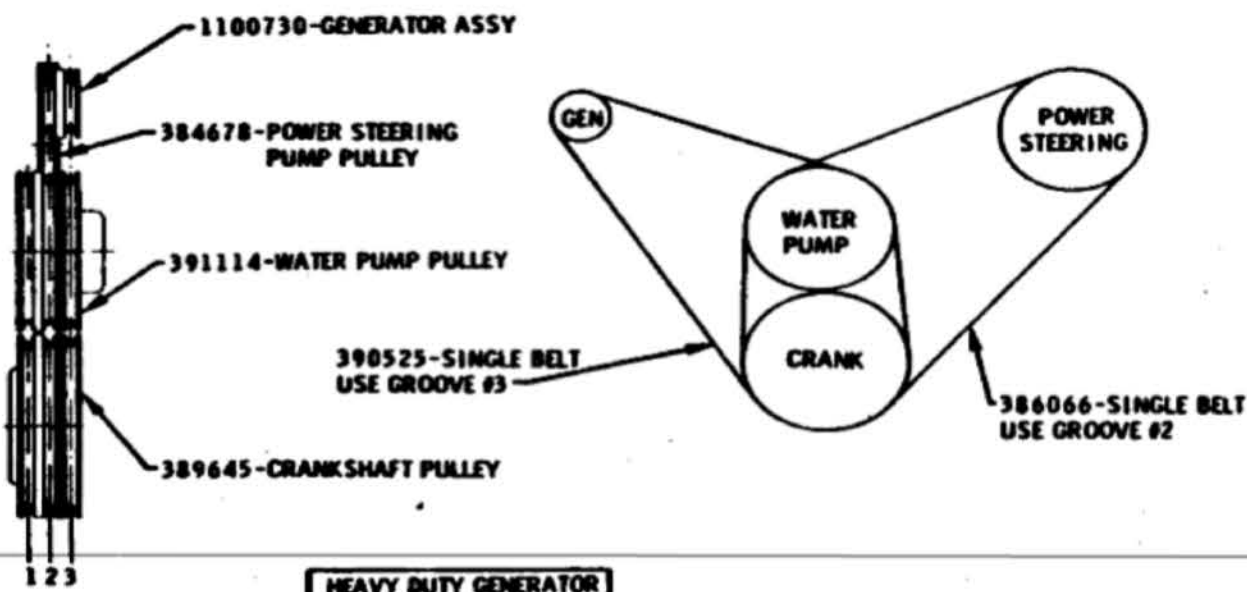


HEAVY DUTY GENERATOR AND ENGINE COOLING

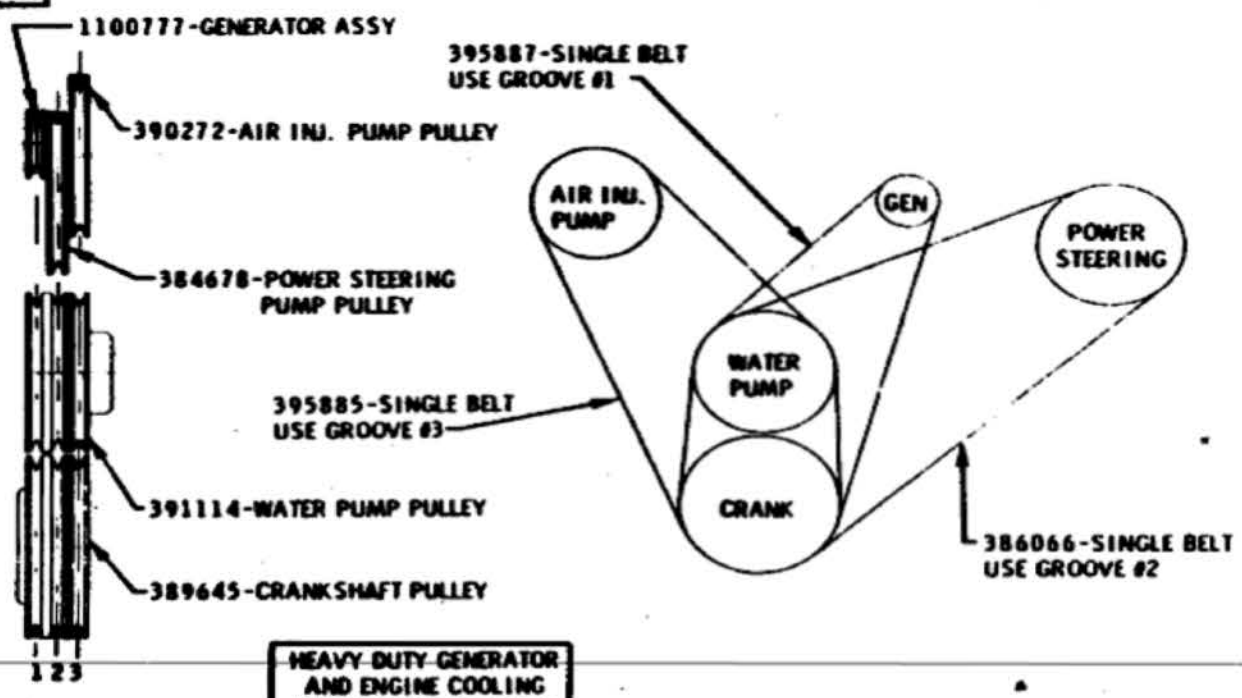


HEAVY DUTY GENERATOR AND ENGINE COOLING WITH AIR INJ. PUMP

FOR ADDITIONAL PULLEY & BELT DRIVE INFORMATION, SEE PULLEY & BELT DATA CHART 396690



HEAVY DUTY GENERATOR AND ENGINE COOLING WITH POWER STEERING



HEAVY DUTY GENERATOR AND ENGINE COOLING WITH POWER STEERING AND AIR INJ. PUMP

ENGINE-400 CU. IN. V8
COLOR-BRONZE

SHEET 6

REVISION										TITLE					
DATE	BY	REVISION	DR.	CK.	DATE	BY	REVISION	DR.	CK.	DATE	BY	REVISION	DR.	CK.	APPR.
											CHART - PULLEY & BELT DIAGRAM DATE <u>MARCH 6, 1966</u> FIRST USED <u>1967</u> OLDSMOBILE PRODUCT INFORMATION MANUAL DR. BY <u>BARRY PARKER</u> CHECKED BY <u>[Signature]</u> SERIES <u>A</u> PART NO. <u>396737</u> APPR. _____				

I SLOW IDLE ADJUSTMENT

- A. REQUIRED CONDITIONS**
1. ENGINE TO BE WARM.
 2. THROTTLE RETURN SPRING TO BE EFFECTIVELY HOLDING THROTTLE LEVER AGAINST SLOW IDLE ADJUSTING SCREW STOP.
 3. WHILE SETTING IDLE ON CARS EQUIPPED WITH JT TRANSMISSION, CARBURETOR ROD IS TO HAVE A PRELIMINARY ADJUSTMENT SO THAT THE "HI ANGLE" VARIABLE VANE FUNCTION (BLACK WIRE) IS ENERGIZED.
 4. CAUTION: G-67 (AUTOMATIC SUPERLIFT REAR SHOCK ABSORBERS) VACUUM PUMP MUST BE INOPERATIVE WHEN ADJUSTING SLOW IDLE SPEED.

B. ADJUSTMENT

1. ADJUST THE SLOW IDLE SCREW TO OBTAIN THE FOLLOWING R. P. M.

TRANS.	AIR COND.	A. I. R.	RANGE	R. P. M.
SM & FS	WITHOUT	WITHOUT	N	600
SM & FS	WITH	WITHOUT	N	600
SM & FS	WITHOUT	WITH	N	650 ^(A)
SM & FS	WITH	WITH	N	650 ^(B)
JT & THM EXC. L77, L78	WITHOUT	WITHOUT	DR	500
JT & THM EXC. L77, L78	WITH	WITHOUT	DR	575
JT & THM EXC. L77, L78	WITHOUT	WITH	DR	600
JT & THM EXC. L77, L78	WITH	WITH	DR	600
JT & THM WITH L77, L78	WITHOUT	WITHOUT	DR	550
JT & THM WITH L77, L78	WITH	WITHOUT	DR	600
JT & THM WITH L77, L78	WITHOUT	WITH	DR	600
JT & THM WITH L77, L78	WITH	WITH	DR	600

* AIR CONDITIONING "OFF" AND THE COMPENSATOR OR CARB-AIRATOR VALVE HELD CLOSED.

II FAST IDLE ADJUSTMENT

- A. REQUIRED CONDITIONS**
1. TRANSMISSION IN NEUTRAL.
 2. ENGINE TO BE WARM.
 3. THROTTLE RETURN SPRING LOAD TO BE EFFECTIVELY HOLDING THROTTLE LEVER FAST IDLE SCREW ON PROPER STEP OF FAST IDLE CAM.

B. ADJUSTMENT

1. ADJUST FAST IDLE WITH SCREW ON LOWEST STEP OF FAST IDLE CAM AND RESTING AGAINST THE NEXT HIGHER STEP TO OBTAIN THE FOLLOWING R. P. M.

CARB.	TRANS.	CAM STEP	RANGE	R. P. M.
2	SM, FS, JT & THM	LOW	N	900
4	SM, FS, JT & THM	LOW	N	700 ***

*** AIR CONDITIONING "ON" - 800 R.P.M. COMPENSATOR VALVE HELD CLOSED

III. CARBURETOR ROD ADJUSTMENT

- A. REQUIRED CONDITIONS**
1. SLOW IDLE TO BE PROPERLY ADJUSTED.
 2. FAST IDLE CAM POSITIONED TO ALLOW THROTTLE RETURN SPRING TO HOLD THROTTLE LEVER IN "SLOW IDLE" POSITION.
- B. ADJUSTMENT SM & FS CARS**
1. ADJUST CARBURETOR ROD SO THAT HORIZONTAL SURFACE OF BELLCRANK WILL BE EVEN WITH TOP HORIZONTAL SURFACE OF AUXILIARY STOP BRACKET.
- C. ADJUSTMENT JT & THM CARS**
1. ADJUST CARBURETOR ROD LONG UNTIL VARIABLE VANE FUNCTION (BLACK WIRE) IS NOT ENERGIZED (TEST LIGHT OFF). NEXT, SLOWLY SHORTEN ROD UNTIL CIRCUIT IS JUST ENERGIZED (LIGHT ON). CONTINUE TO SHORTEN ROD TWO COMPLETE TURNS FURTHER AND TIGHTEN LOCK NUT SECURELY. (TORQUE NUT TO 60-84 LBS. IN.)

FOR ABOVE ADJUSTMENTS, USE TOOL #74436-JH (TEST LIGHT).

IV ACCELERATOR PEDAL ADJUSTMENT

A. 1967 CAR DOES NOT REQUIRE AN ACCELERATOR PEDAL ADJUSTMENT.

V THROTTLE SWITCH DOWNSHIFT CIRCUIT ADJUSTMENT JT & THM CARS ONLY

- A. REQUIRED CONDITIONS**
1. SLOW IDLE SPEED, CARBURETOR ROD AND ACCELERATOR PEDAL CHECKED.

- B. ADJUSTMENT**
1. PERFORM THE FOLLOWING PROCEDURE TO PREPOSITION THE INTERNAL SWITCH:

LITTELFUSE & DELCO-REMY SWITCH - DISCONNECT CARBURETOR ROD AND MOVE LEVER ON SWITCH IN CLOSED THROTTLE DIRECTION UNTIL LEVER HITS STOP. CONNECT CARBURETOR ROD WITHOUT MOVING LEVER TO WIDE OPEN THROTTLE POSITION.

2. PUSH ACCELERATOR PEDAL TO WIDE OPEN POSITION TO SET AND ENERGIZE DOWNSHIFT CIRCUIT (WHITE WIRE).

**** VI. DASHPOT ADJUSTMENT JT & THM CARS ONLY-2BBL & 4 BBL A/C ONLY**

- A. REQUIRED CONDITIONS**
1. SLOW IDLE SET.
 2. ENGINE OFF, DASHPOT FULLY COMPRESSED.

- B. ADJUSTMENT**
1. ADJUST DASHPOT FOR .060 CLEARANCE BETWEEN DASHPOT AND THROTTLE LEVER.

- ALTERNATE METHOD - 2 BBL

- A. REQUIRED CONDITIONS**
1. FAST IDLE SET AT 900 R.P.M. ON LOWEST STEP OF FAST IDLE CAM AND SCREW RESTING AGAINST THE NEXT HIGHER STEP.
 2. ENGINE OFF AND FAST IDLE SCREW ON HIGHEST STEP.

- B. ADJUSTMENT**
1. ADJUST DASHPOT SO IT JUST CONTACTS THROTTLE LEVER AND THEN GO (2) TURNS FARTHER INTO THE LEVER.

- ALTERNATE METHOD - 4 BBL A/C ONLY

- (C) A. REQUIRED CONDITIONS**
1. ENGINE OFF AND FAST IDLE SCREW ON HIGHEST STEP.
 2. LOWER CAM SO THAT IDLE SCREW RESTS TWO STEPS DOWN (2 CLICKS - THIRD STEP).

- B. ADJUSTMENT**
1. ADJUST DASHPOT SO IT JUST CONTACTS THROTTLE LEVER.
 2. TIGHTEN NUT TO LOCK.

** NO DASHPOT USED WITH K-19

2 & 4 BBL (VB)

SHEET 1 OF 2

TITLE										CHART - THROTTLE ADJUSTMENT			
DATE	BY	REVISION	DR.	CK.	DATE	BY	REVISION	DR.	CK.	APP.	PART NO.	MANUAL SECTION	PAGE
		1-31-67	C										
		4-28-68	B										
		4-28-68	A										
DATE <u>MARCH 10, 1966</u> TITLE <u>NOTE REVISED</u> DR. BY <u>DON MALKIN</u> CHECKED <u>11-13-65</u> APPR. <u>[Signature]</u>										PART NO. 1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 6-1	PAGE 1.25
											SERIES A	PART NO. 396998	

OLDSMOBILE DIVISION

GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

**1967 330 & 400 CUBIC INCH ENGINE ASSEMBLIES
CONVERSION PROCEDURES**

CONVERT TO 35C60 BY THE FOLLOWING		
ITEM	REMOVE	INSTALL
* BODY ASSY - WATER PUMP (G) (D)	386393	387239
GASKET - WATER PUMP	385936 (SCRAP)	385936
BOLT - FRONT COVER TO BLOCK	271486	394453
BRACKET - GENERATOR	(B) 397209	--
BOLTS - GEN. BRACKET (3)	9418822	--
CABLE ASSY - SPARK PLUG #2	2988276	2988278
CONNECTOR - HEATER VACUUM	103877 (PLUG)	382890
FOR 330 CU. IN. ENGINE ONLY		
NIPPLE/VALVE-WATER CONT.	389159	--
FOR 400 CU. IN. ENGINE ONLY		
* WATER OUTLET	386129	392099
GASKET - WATER OUTLET	382544 (SCRAP)	382544

CONVERT TO 35Y76 BY THE FOLLOWING		
ITEM	REMOVE	INSTALL
* BODY ASSY - WATER PUMP (G) (D)	386393	387239
GASKET - WATER PUMP	385936 (SCRAP)	385936
FOR 400 CU. IN. ENGINE ONLY		
* WATER OUTLET	386129	392099
GASKET - WATER OUTLET	382544 (SCRAP)	382544

CONVERT TO 35K66 BY THE FOLLOWING 400 CUBIC INCH ONLY		
ITEM	REMOVE	INSTALL
DISTRIBUTOR ASSY - IGNITION	1111042	1111188

CONVERT SYNCHROMESH ENGINE 39621 (QX) (E) TO 35K19 AND 35K20 BY THE FOLLOWING		
ITEM	REMOVE	INSTALL
PLUG - CYLINDER HEAD (8)	394018	
BRACKET - GENERATOR	397209	
BOLT - GENERATOR BRACKET (3)	9418822	
FILTER ASSY - VENTILATION	6424199	
	393925 OPTION	
CABLE ASSY-SPARK PLUG #3 & 4	2988276	6289007
CABLE ASSY-SPARK PLUG #5	2985879	6289006
CABLE ASSY-SPARK PLUG #6	2986322	6289005
CLIP-WIRING HARNESS	388218	

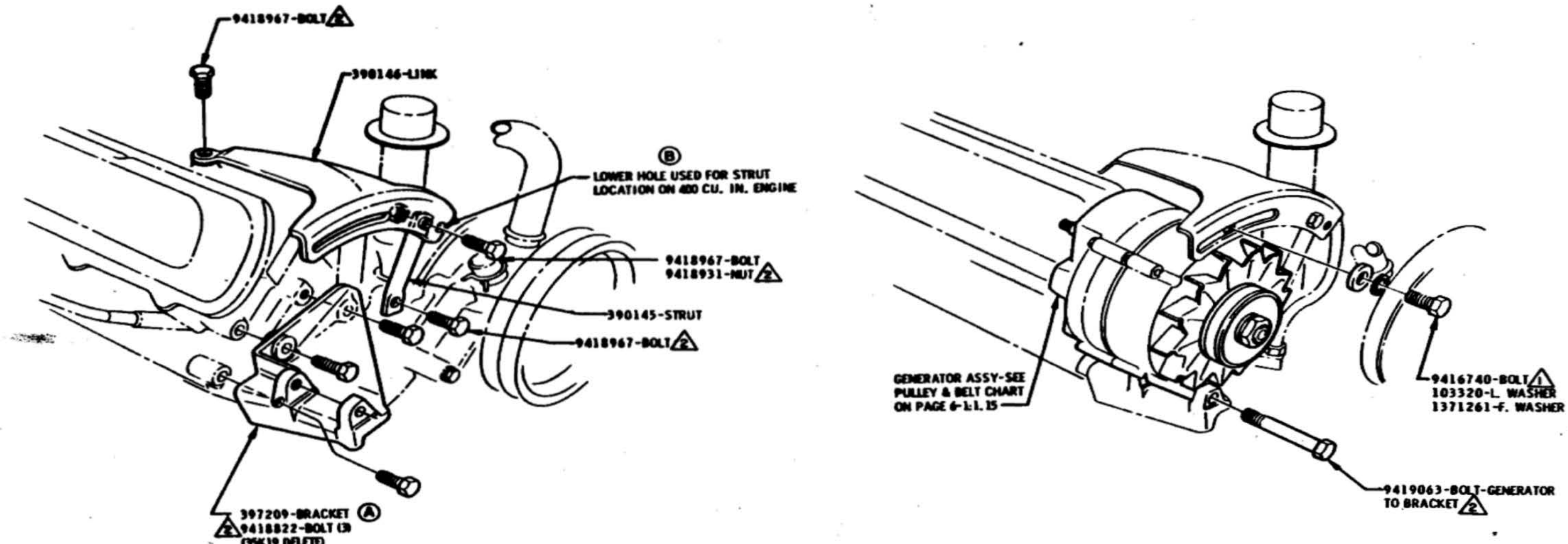
CONVERT 330 CU. IN. TO L76 (FROM L74) BY THE FOLLOWING: (AVAILABLE ONLY WITH 801 OR 807 ASSEMBLED AT LANSING ONLY)		
ITEM	REMOVE	INSTALL
SPARK PLUGS (8)	5610857	5611050 (#435)

CONVERT 400 CU. IN. TO L77 (FROM L78) BY THE FOLLOWING: (AVAILABLE ONLY WITH 801 OR 807 ASSEMBLED AT LANSING ONLY)		
ITEM	REMOVE	INSTALL
SPARK PLUGS (8)	5610857	5611050 (#435)

DELETE 35K19 AND 35K20 BY THE FOLLOWING		
ITEM	REMOVE	INSTALL
BRACKET-GENERATOR	--	397209
BOLTS-GENERATOR BRKT. (3)	--	9418822
FILTER-VENTILATION	--	6424199 (393925 OPT.)
PLUG-CYLINDER HEAD (8)	SHIPPING PLUG	394018
330 CU. IN. CLIP-WIRING HARNESS	--	388218
400 CU. IN. S. M. CLIP-WIRING HARNESS	--	(2) 388218
400 CU. IN. A. T. CLIP-WIRING HARNESS	--	388218
400 CU. IN. A. T. CLIP-MOD PIPE	--	395283

* THESE PARTS TO BE PAINTED WITH ENGINE ENAMEL.

<p>DATE SYM REVISION DR. CK. DATE SYM REVISION DR. CK. DATE SYM REVISION DR. CK. DATE SYM REVISION DR. CK. DATE SYM REVISION DR. CK.</p>										<p>ITEM ADDED 1966 C WAS 6423052 1966 B WAS 389235 PROCEDURES ADDED SYNCHROMESH CONVERSION</p>				<p>TITLE CHART-ENGINE CONVERSION</p>				<p>SHEET 1 OF 2</p>			
<p>1967 G2 CLAMP REMOVED REVISED NO. 397712 (D) REMOVED</p>										<p>DATE MARCH 16, 1966 DR BY DON MALKIN CHECKED J. N. FAMES APPR. D. A. MORRIS</p>				<p>FIRST USED 1967</p>		<p>OLDSMOBILE PRODUCT INFORMATION MANUAL</p>		<p>MANUAL SECTION 6-1</p>		<p>PAGE 1.30</p>	
														<p>SERIES A</p>		<p>PART NO 396954</p>					



① 20-25 LB. FT.
② 25-35 LB. FT.

REVISION				REVISION				REVISION				TITLE																					
DATE	SYM	DESCRIPTION	DR.	CL.	DATE	SYM	DESCRIPTION	DR.	CL.	DATE	SYM	DESCRIPTION	DR.	CL.	APPR.																		
																V-8 GENERATOR INSTALLATION																	
																<i>10-18-66 C TORQUES ADDED</i>																	
																<i>8-3-66 B NOTE REVISED</i>																	
																<i>4-15-66 A WAS 389285-BRACKET</i>																	
																	<i>1967</i>																
																DATE	SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE	SYMBOL	REVISION	DATE	SYMBOL	REVISION

V-8 GENERATOR INSTALLATION
 DATE *FEBRUARY 17, 1966*
 DR. BY *ED J. ROE*
 CHECKED *P. Lambert*
 APPR. *Holt*

FIRST USED
1967

OLDSMOBILE PRODUCT
OPERATION MANUAL

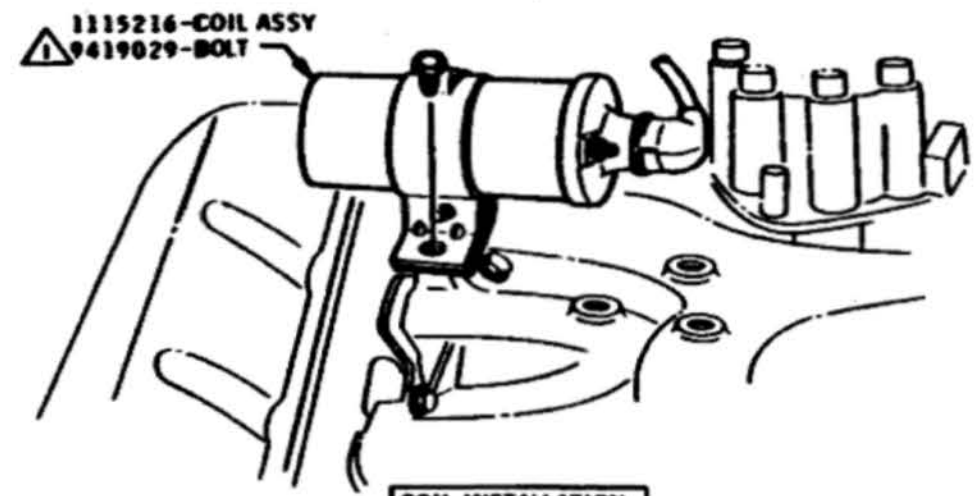
MANUAL SECTION
6-1

PAGE
1.40

SERIES
A

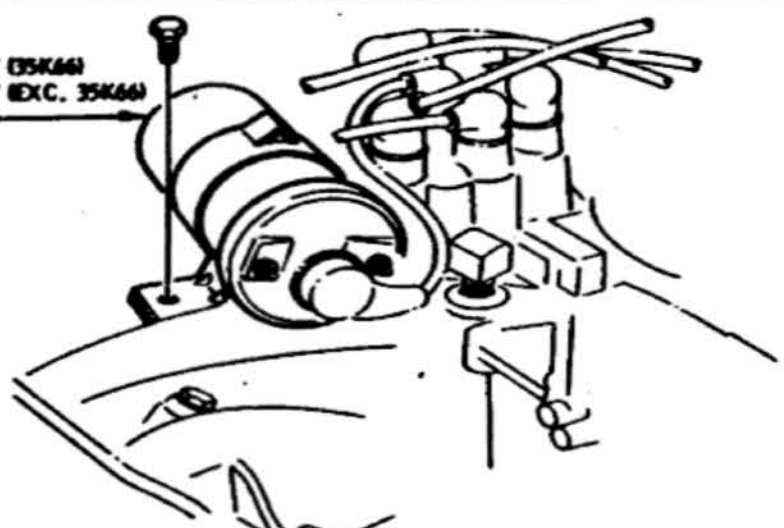
PART NO.
394435

① 10-15 LB. FT.
② 15-25 LB. FT.

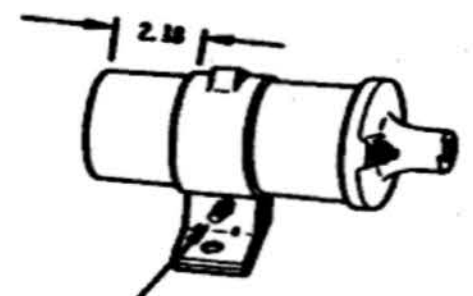


COIL INSTALLATION
(330 CU. IN. ENGINE)

1115240-COIL ASSY (35K66)
1115216-COIL ASSY (EXC. 35K66)
9419029-BOLT



COIL INSTALLATION
(400 & 425 CU. IN. ENGINE)



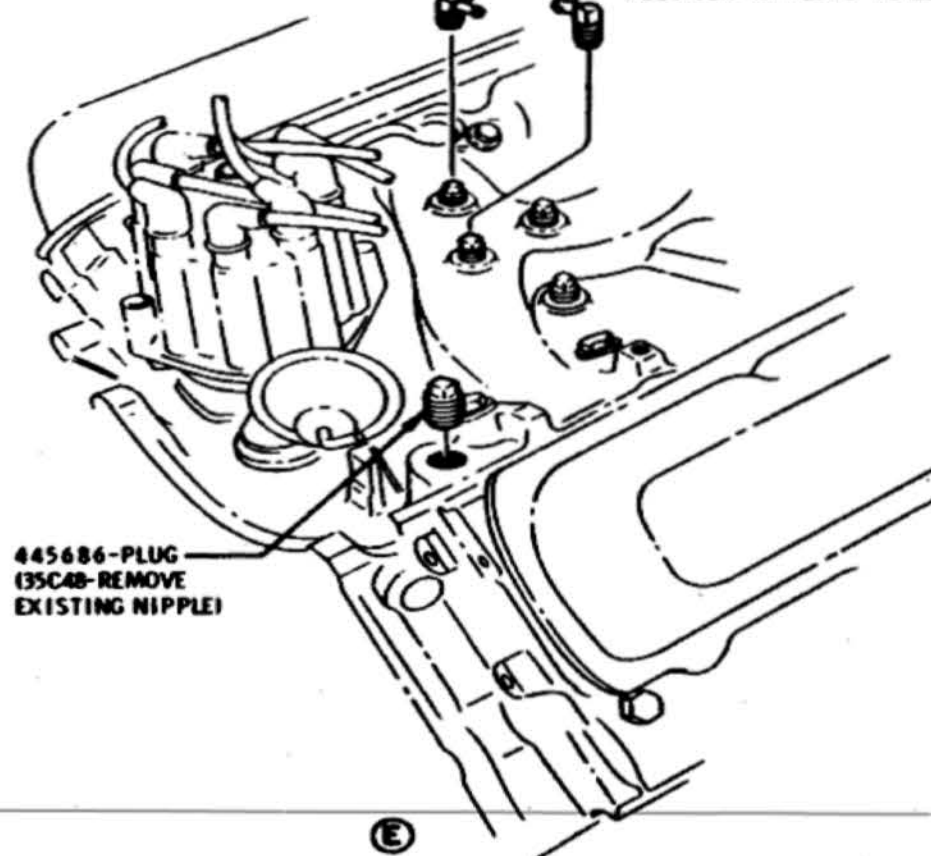
LOOSEN SCREW & LOCATE
COIL TO DIMENSION SHOWN
RETIGHTEN SCREW SECURELY.

35K19 FOR 400 &
425 CU. IN. ENGINES

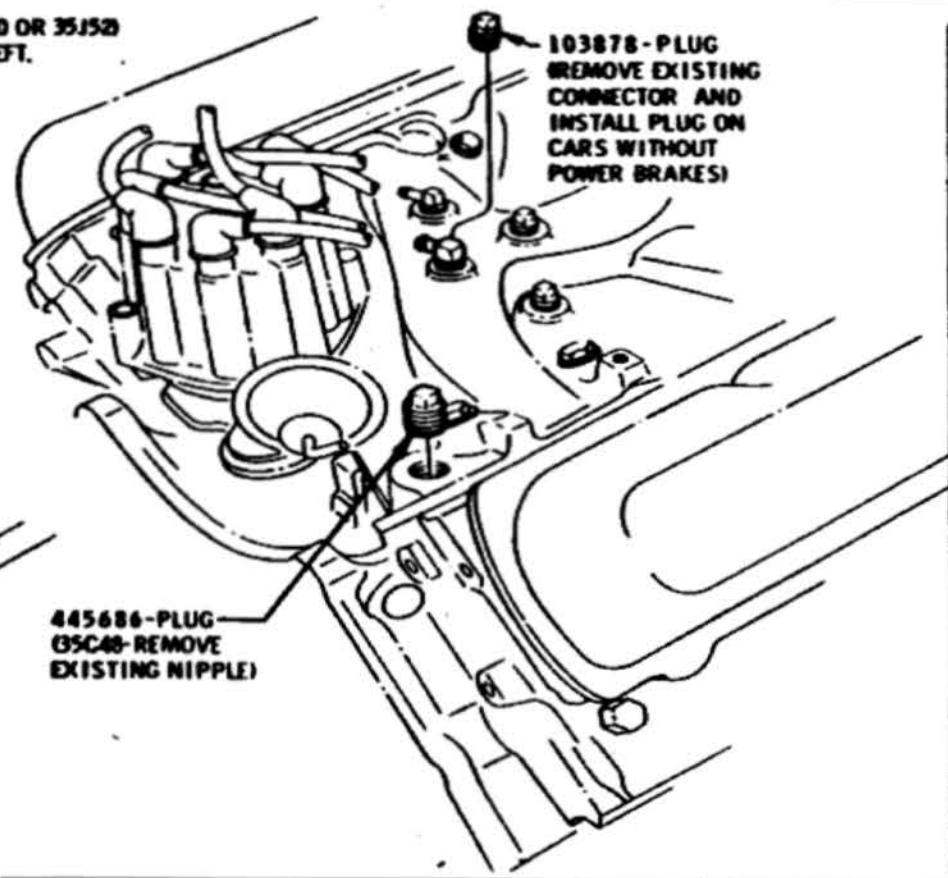
382890-ELBOW (35K30, 35A91, AND/OR
35C60 ON NON-SCHEDULED ENGINES)
POSITION NIPPLE 90° TO RIGHT.

580826-CONNECTOR (35J50 OR 35J52)
POSITION NIPPLE 90° TO LEFT.

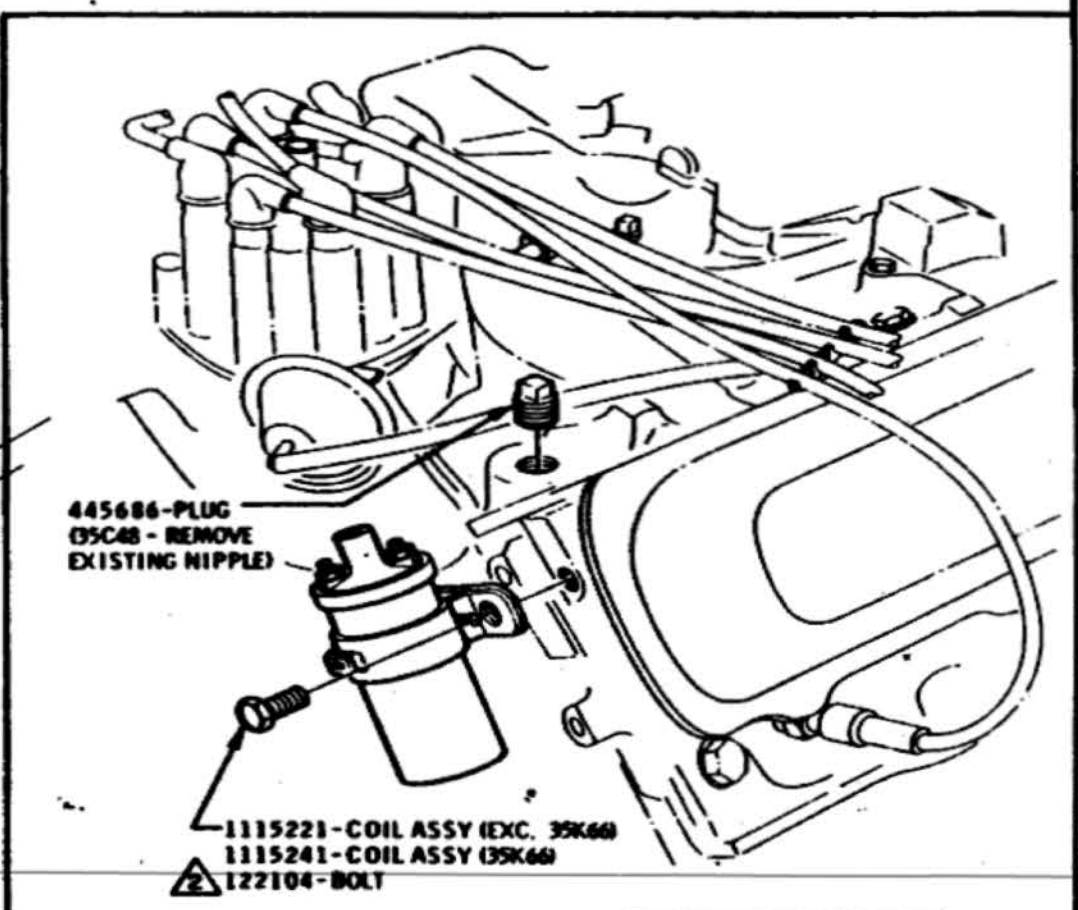
103878-PLUG
(REMOVE EXISTING
CONNECTOR AND
INSTALL PLUG ON
CARS WITHOUT
POWER BRAKES)



CONNECTOR & PLUG INSTALLATION
(“A” CAR)



CONNECTOR & PLUG INSTALLATION
(“B-C” CAR)



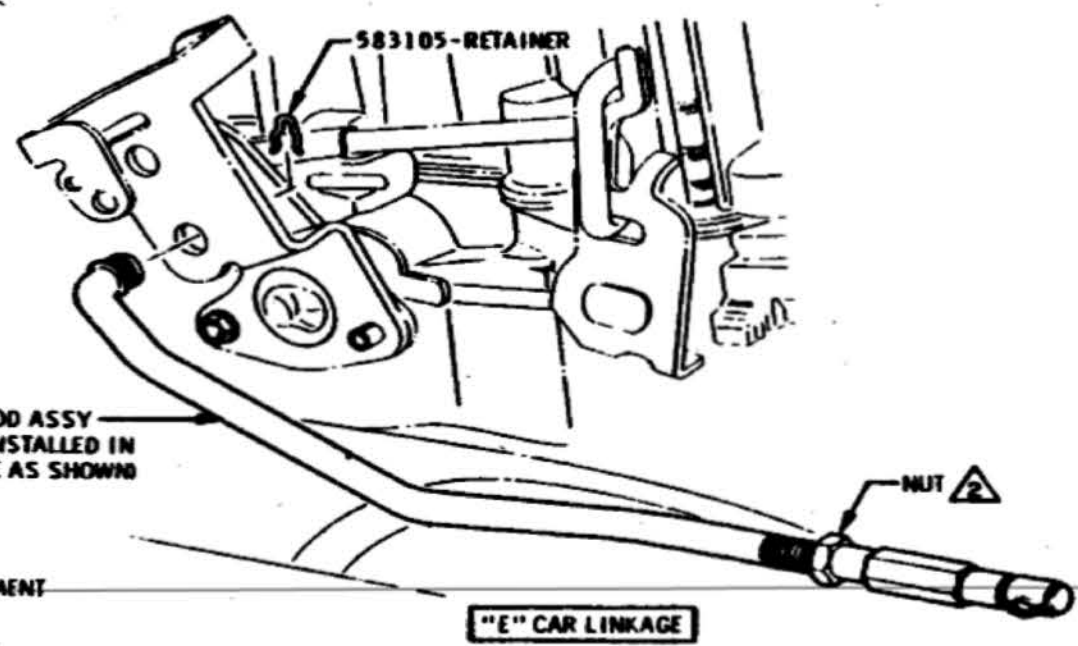
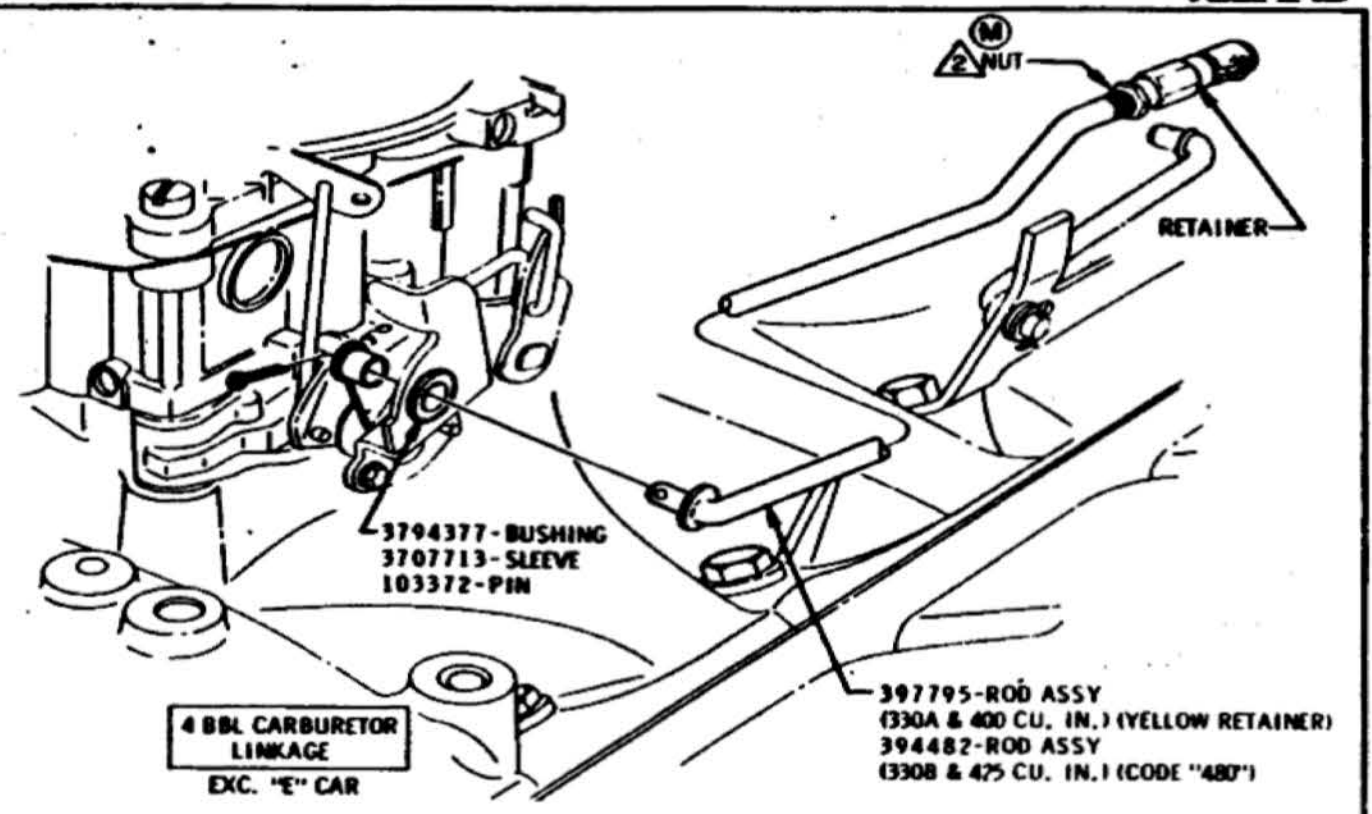
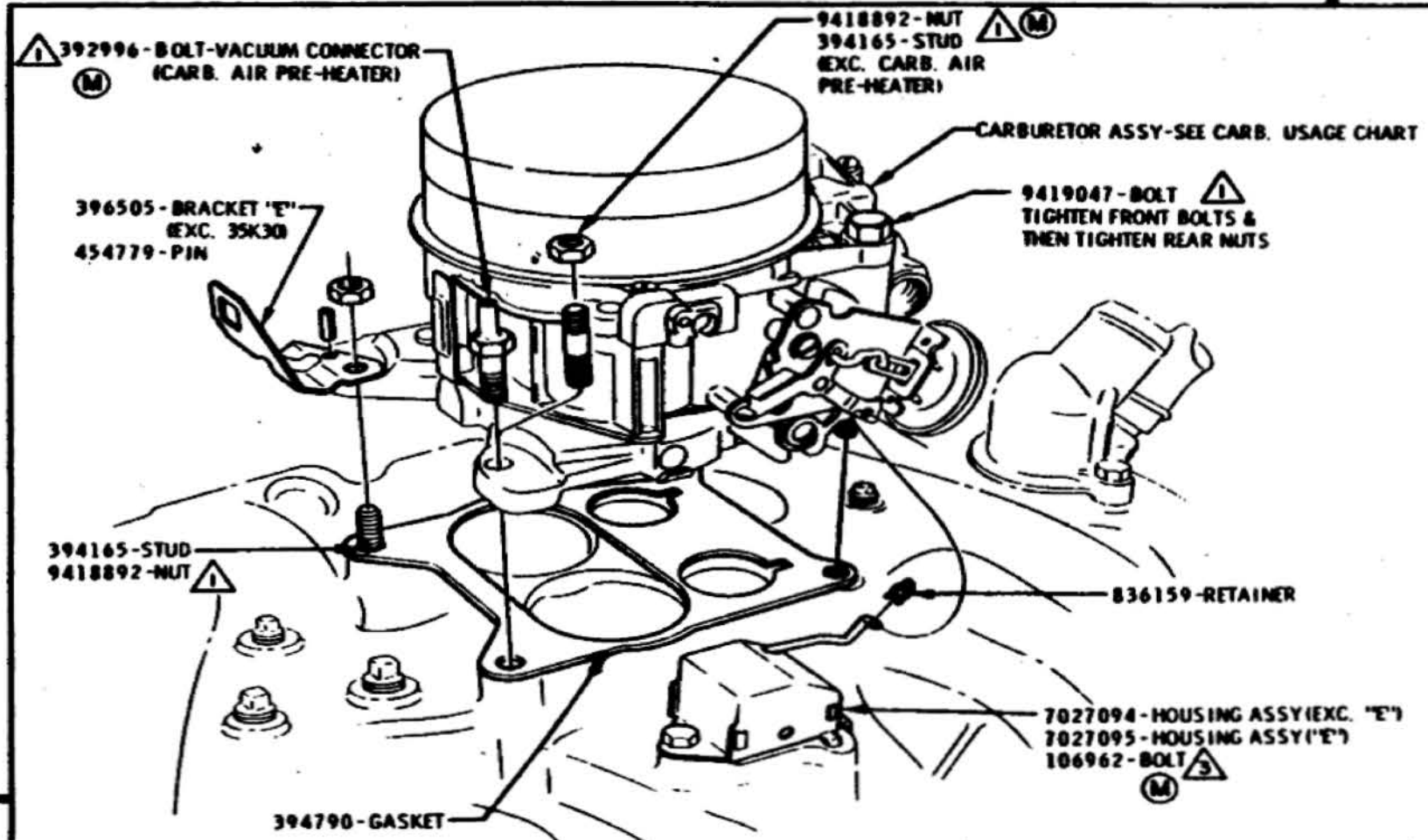
COIL & PLUG INSTALLATION
(“E” CAR)

REVISION HISTORY										TITLE					
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.
										10-1-66	E	NEW REVISED			
										10-1-66	D	NOTE REVISED			
										10-1-66	C	TORQUES ADDED			
										8-5-66	B	NOTE REVISED			
										5-27-66	A	1115240 REMOVED			

TITLE									
COILS, CONNECTORS, & PLUGS									
DATE APRIL 18, 1966									
DR BY W.E. MASON									
CHECKED BY [Signature]									
APPR. R. SUMMERS									

FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
1967		6-1	1.42

SERIES	PART NO.
A B-C E	394435-6-7



4 BBL. CARBURETOR USAGE CHART

ENGINE USAGE	PART NO.	S.M.	A.T.	AIR COND.	K19	K50	ASSEMBLY CODE
654 (330)	7027036	YES	YES	YES/NO	NO	NO	NH
	7027153	YES	YES	YES/NO	YES	YES/NO	NF
	7027135	YES	YES	YES/NO	NO	YES	NI
657 (425) 658 (400)	7027156	YES	YES	YES/NO	NO	NO	RH
	7027157	YES	YES	YES/NO	YES	YES/NO	RJ
664 (425)	7027032	YES	YES	YES/NO	NO	YES	RL
	7027131	NO	YES	YES/NO	NO	NO	RN
	7027130	NO	YES	YES/NO	YES	YES/NO	RM
	7027132	NO	YES	YES/NO	NO	YES	RP

- 1 10 - 15 LB. FT. (M)
- 2 48 - 72 LB. IN. (AFTER THROTTLE ADJUSTMENT PER CHART PAGE 1.25)
- 3 60 - 96 LB. IN.

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPL	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
12-5-66	N	WAS 6-10 LB. FT.			8-30-66	K	WAS 9423926 SCREW			8-1-66	L	NOTE REVISED				CARBURETOR AND LINKAGE - 4 BBL DATE <u>APRIL 25, 1966</u> DR BY <u>Goodwin</u> CHECKED <u>M. J. ...</u> APPR <u>...</u>	1967	6-1	1.45	
10-13-66	M			8-30-66	J	TORQUE ADDED			6-29-66	D	WAS 394478									
9-2-66	L	NOTE ADDED		8-23-66	H	ROD USAGE REVISED			6-29-66	C	PART NUMBERS REVISED									
				8-19-66	G	TORQUE ADDED			6-29-66	B	CHART REVISED									
				8-19-66	F	NOTE ADDED			6-29-66	A	VIEW ADDED									

SERIES **A B-C E** PART NO. **394435-6-7**

11-1-66

179819-BOLT

396218-PIPE
(330 CU. IN.)
396219-PIPE
(400 & 425 CU. IN.)

393722-HOSE

578912-GASKET

TYPICAL 2 BBL CARBURETOR
INSTALLATION

397003-PIPE ASSY (SHOWN)
(330 CU. IN. EXC. 35K19)
387579-PIPE ASSY
(330 CU. IN. WITH 35K19)
397004-PIPE ASSY
(425 CU. IN. EXC. 35K21)
391993-PIPE ASSY (400 CU. IN.)
(425 CU. IN. WITH 35K21)

2 BBL HEATER PIPE
INSTALLATION

1 48 - 72 LB. IN.
2 10 - 15 LB. FT. (K)

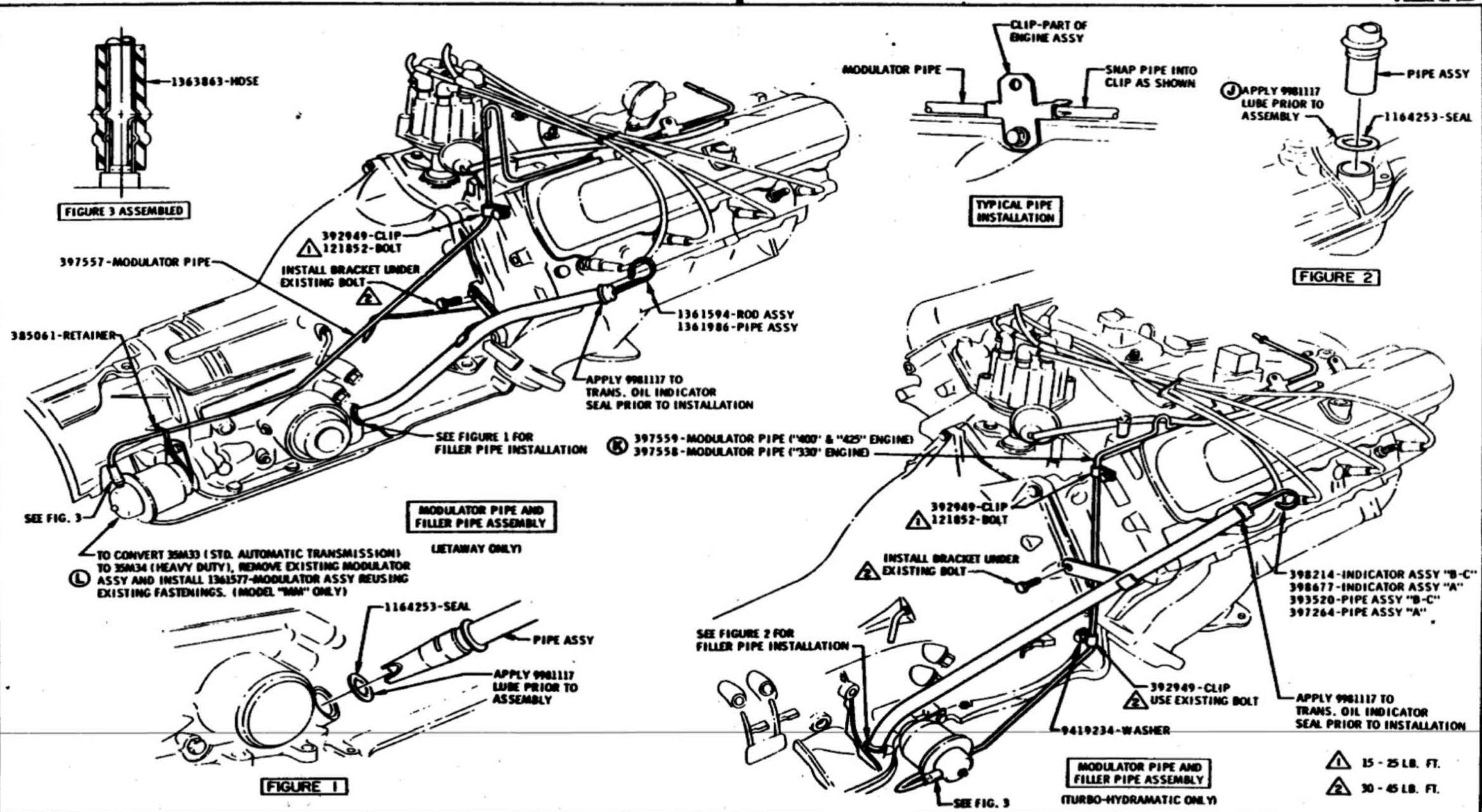
NO./NO	YES	YES	YES	NO	NO		NO
654 E330	7037053	YES	YES	NO	YES	NO	NO
	7037051	YES	YES	YES	YES	NO	YES/NO
	7027035	YES	YES	NO	NO	NO	YES
	7027133	YES	YES	YES	NO	NO	YES
	7037058	YES	NO	NO	NO	NO	NO
	7027136	YES	YES	YES	NO	NO	YES
	7037054	NO	YES	NO	NO	NO	NO
657 (425)							
	7037056	YES	YES	YES	NO	NO	NO
	7027033	YES	YES	NO	NO	NO	YES
	7027139	YES	YES	YES/NO	NO	YES	YES
	7027033	NO	YES	NO	NO	NO	YES
	7027136	NO	YES	YES	NO	NO	YES
658 1400	7037055	NO	YES	NO	YES	NO	YES
	7037057	NO	YES	YES	YES	NO	YES

DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
					10-5-66	K	WAS 6-10 LB. FT.			8-23-66	E	ROD USAGE REVISED			APRIL 25, 1966							1967		6-1	1.47
					11-1-66	J	NOTE ADDED			8-1-66	D	NOTE REVISED													
					10-20-66	H	CHART REVISED			7-18-66	C	400 CU. IN. USAGE REV.													
1-13-67	M	CARBURETORS REMOVED			10-11-66	G	TDAQE ADDED			7-1-66	B	WAS 394467													
1-13-67	L	USAGE REVISED			9-19-66	F	519297-CONNECTOR ADDED			6-20-66	A	REVISED & REGRANV													

2 BBL. MODELS

(EXC. 35K19)

DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																						1967		6-1	1.49

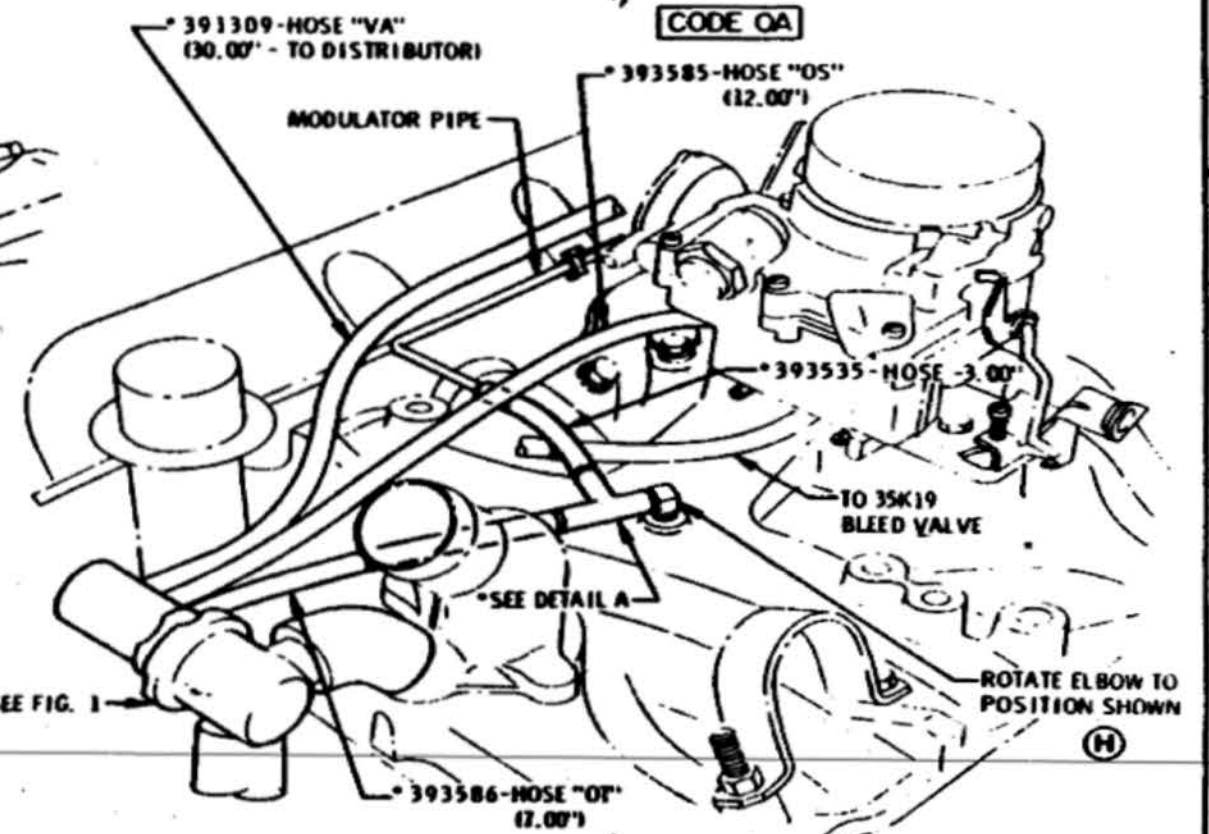
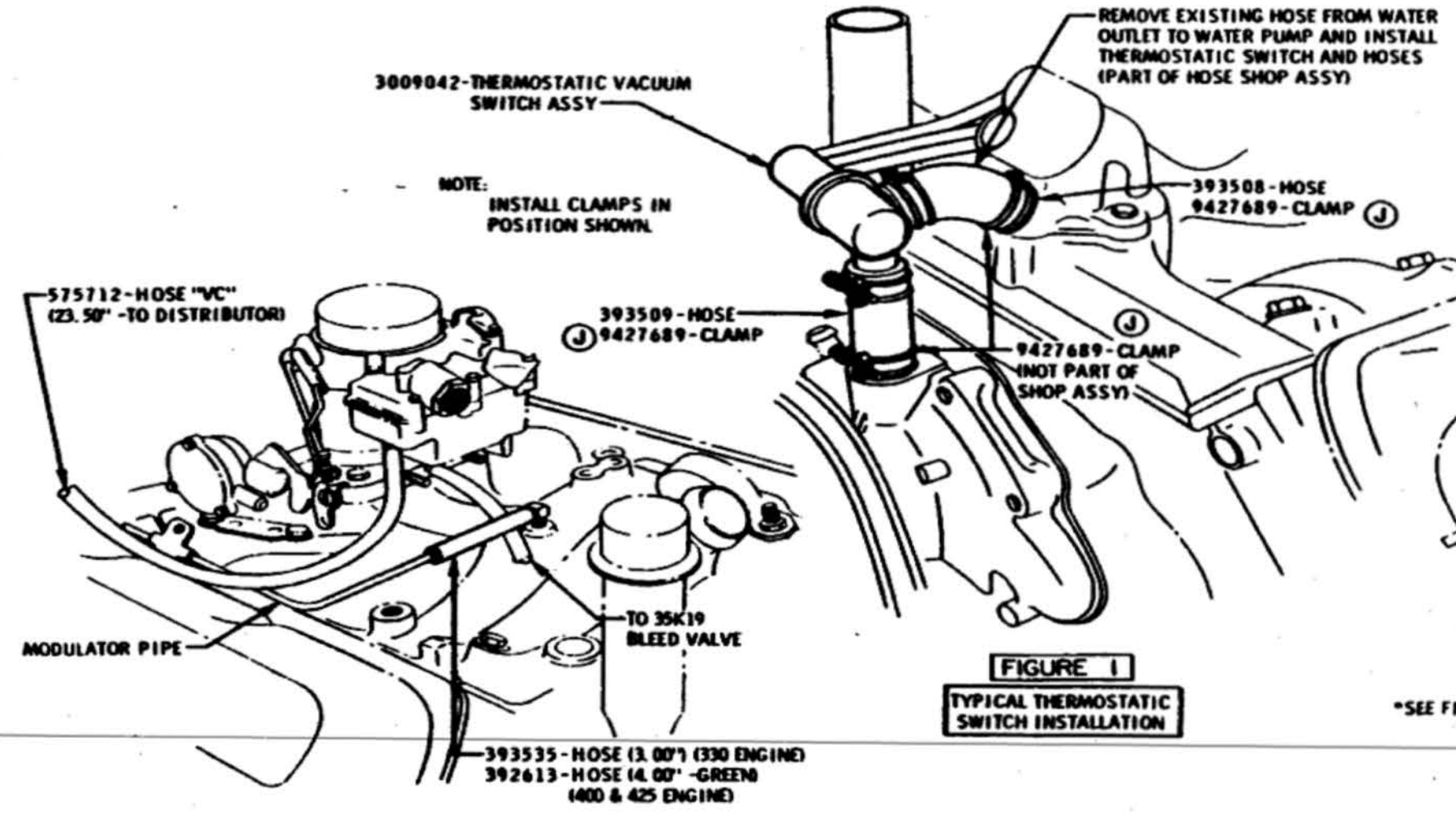
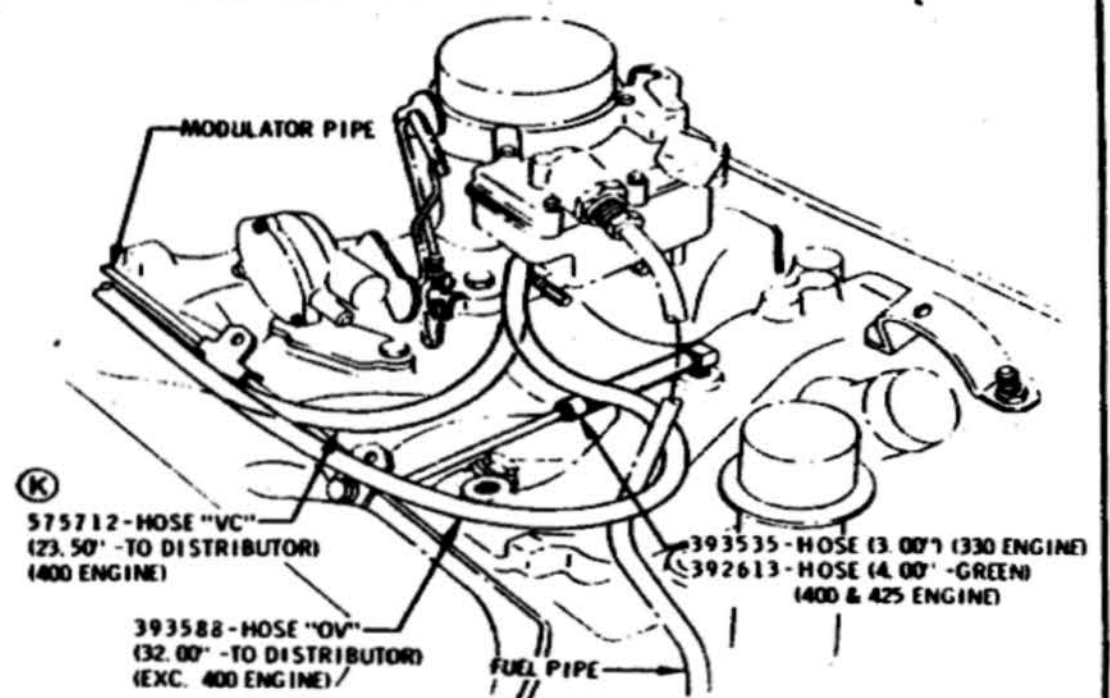
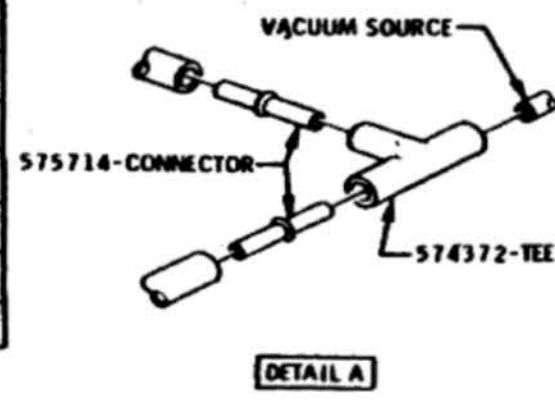


DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
					1-17-67	K	PIPS REVISED TO DETAIL			2-16-66	E	9419234-WASHER ADDED				MODULATOR & FILLER PIPES	1967		6-1	1.50
					11-3-66	J	WAS 998117			8-31-66	D	WAS 386328-IND. ASSY				DATE MAY 2, 1966				
					10-21-66	H	WAS 397376			5-25-66	C	PART NUMBER REVISED				DR BY W.E. MASON				
					10-4-66	G	NOTE REVISED			5-25-66	B	PART NUMBER'S ADDED				CHECKED P. J. BART				
3-21-67	L	NOTE REVISED			2-16-66	F	TORQUE SPEC. ADDED			5-25-66	A	VIEW REVISED				APPR. S. C. D. W.				
																	REF. 783C-35M31, M, 40, 41	SERIES A-B-C	PART NO. 394435-6	

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

MODULATOR & DISTRIBUTOR HOSE ROUTING CHART

ENGINE & CARB.	TRANS.	EXC. 35K19	35K19 EXC. A/C	35K19 WITH A/C	35K21 EXC. A/C	35K21 WITH A/C
330 CU. IN. "A-B" - 2 BBL	JT-TM	CODE "OA"	CODE "OB"	CODE "OB"	N.A.	N.A.
400 CU. IN. - 2 BBL	TM	CODE "OA"	CODE "OC"	CODE "OC"	N.A.	N.A.
425 CU. IN. - 2 BBL	TM	CODE "OA"	CODE "OB"	CODE "OC"	CODE "OP"	CODE "OS"
330 CU. IN. "A-B" - 4 BBL	JT	CODE "OF"	CODE "OG"	CODE "OG"	N.A.	N.A.
330 CU. IN. "A-B" - 4 BBL	TM	CODE "OE"	CODE "OH"	CODE "OH"	N.A.	N.A.
425 CU. IN. - 4 BBL	TM	CODE "OD"	CODE "OH"	CODE "OI"	N.A.	N.A.
400 CU. IN. - 4 BBL	TM	CODE "OD"	CODE "OI"	CODE "OI"	N.A.	N.A.

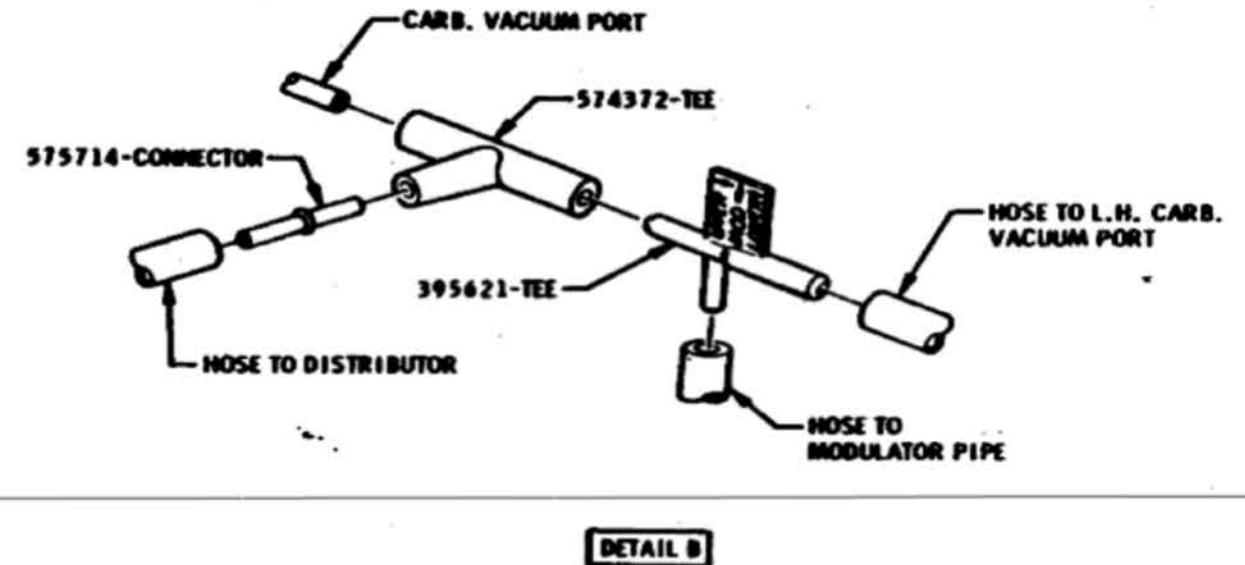
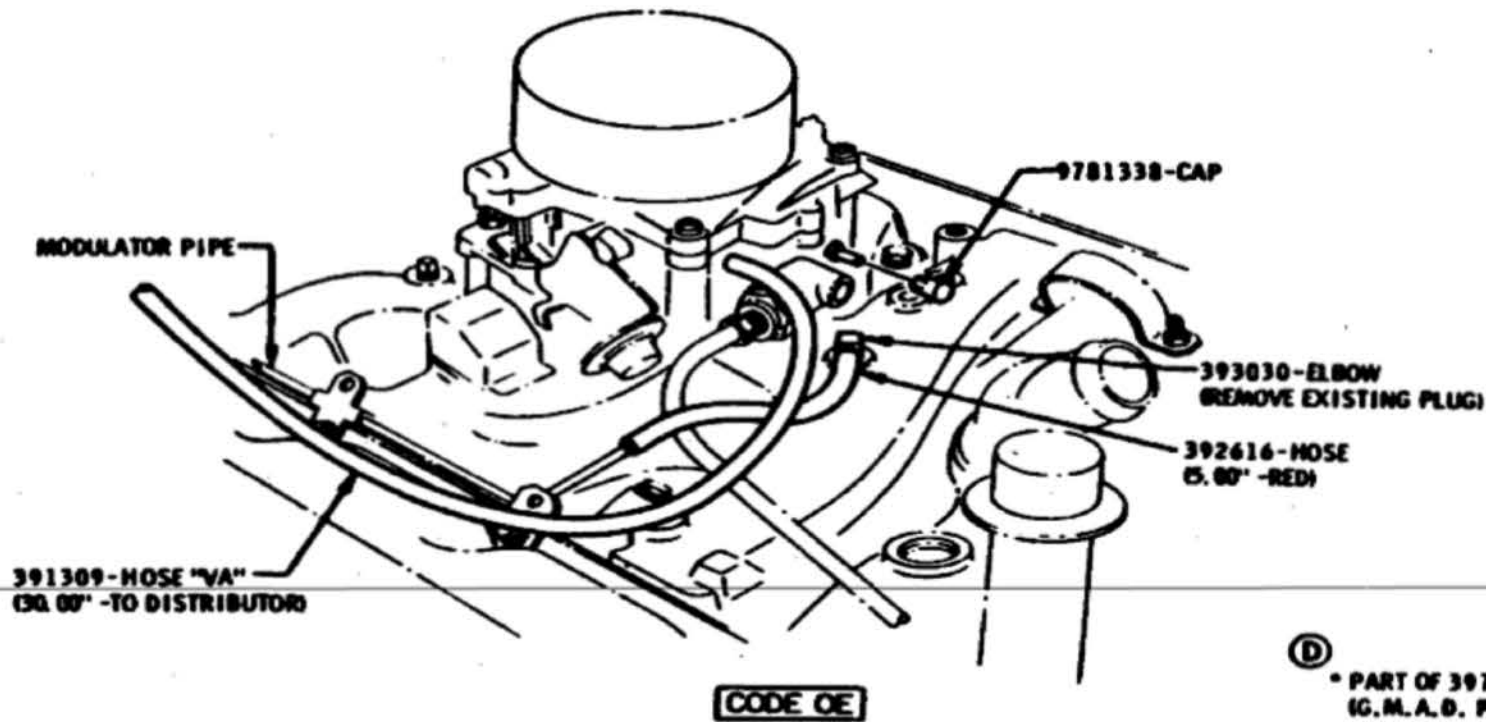
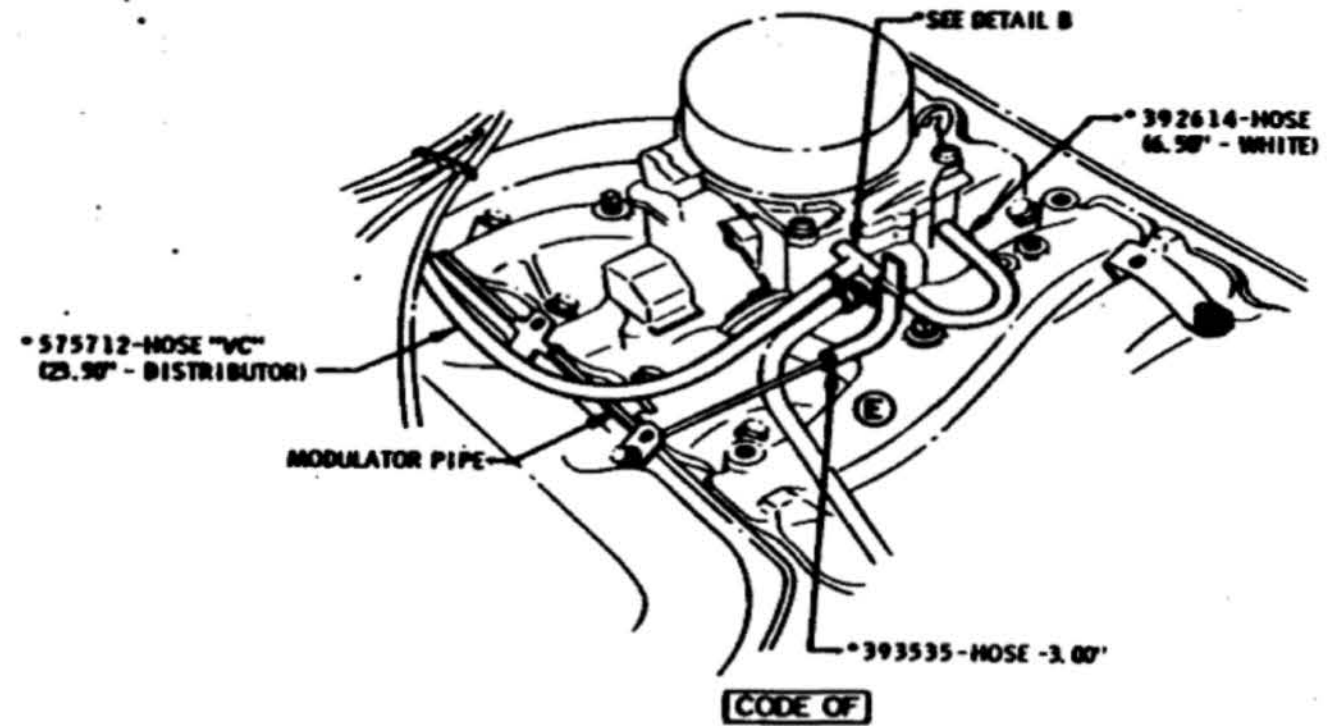
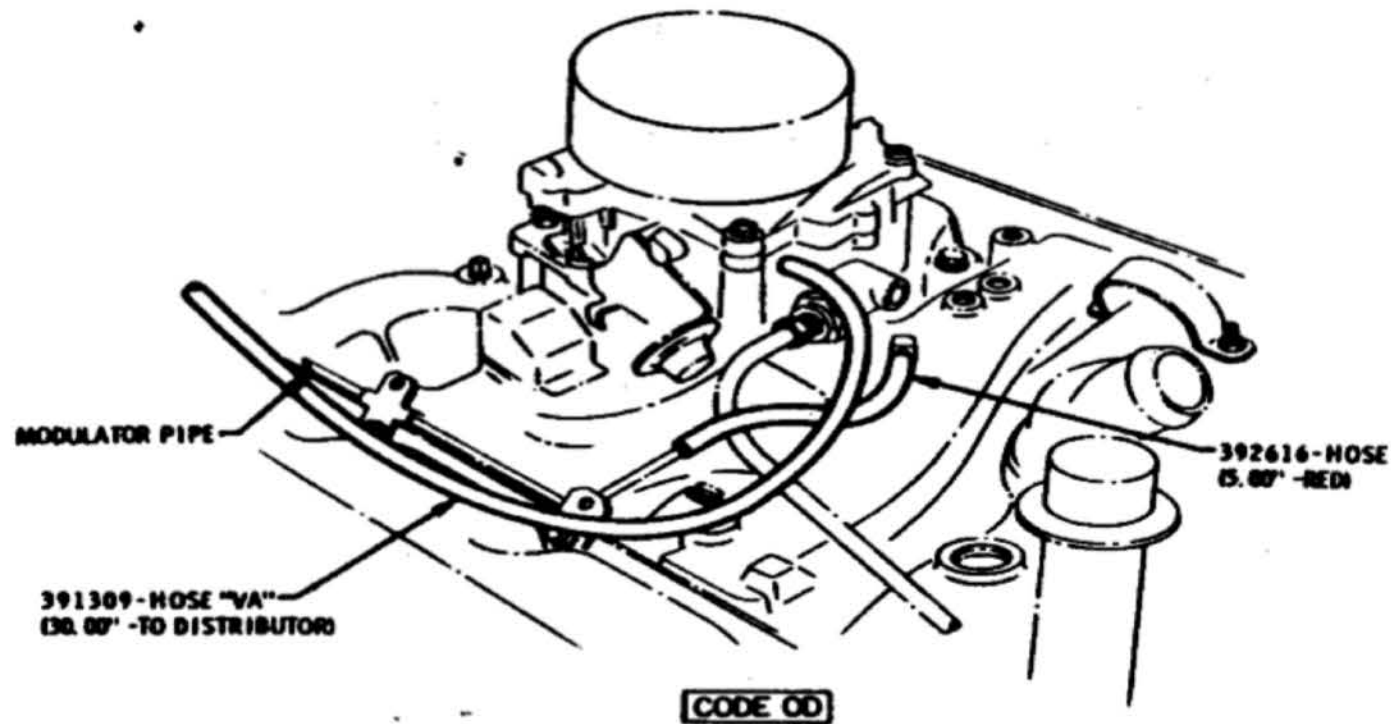


CODE OB

* PART OF 397950-HOSE SHOP ASSY (G.M.A.D. PLANTS ONLY)

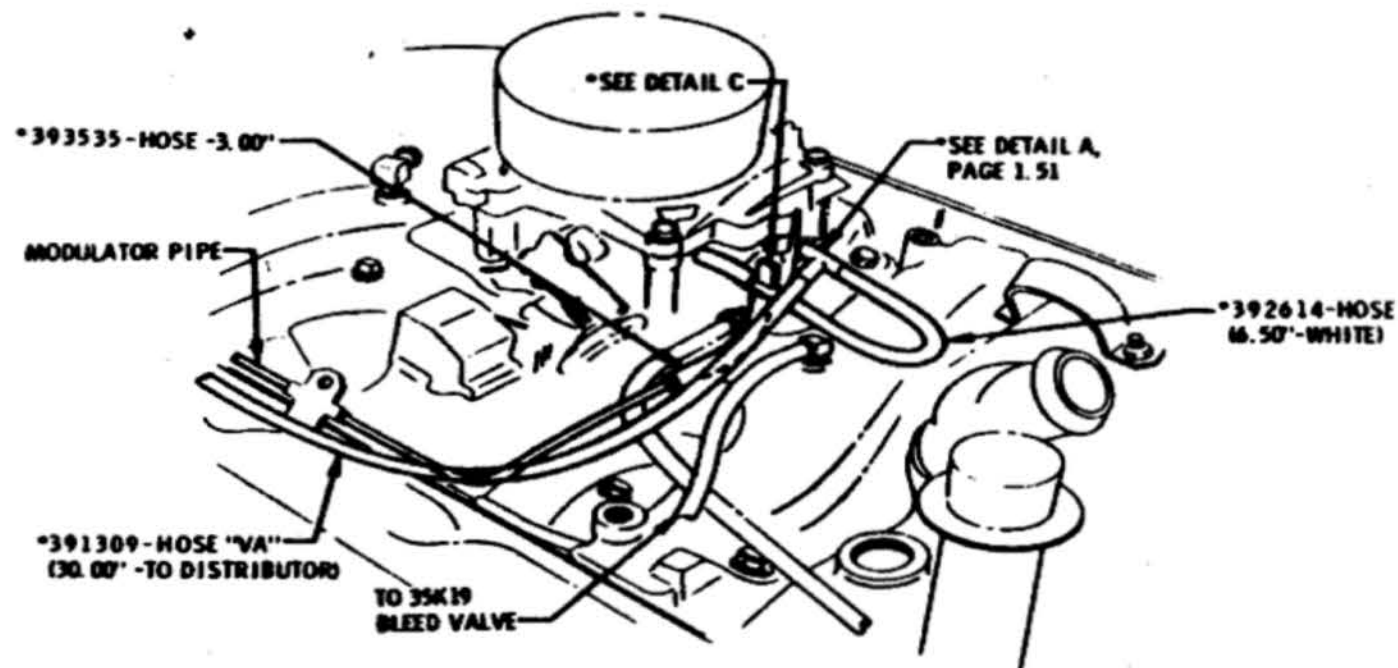
CODE OC

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
1-11-67	K	575712-HOSE ADDED			1-25-66	E	SHOP ASSY DETAILED									ENGINE VACUUM HOSE ROUTING	1967		6-1	1.51
1-9-67	J	WAS 272852-CLAMP			2-8-66	D	REVISED & REDRAWN									DATE MAY 2, 1966				
1-5-66	H	NOTE ADDED			1-6-66	C	PART NUMBER ADDED									DR BY R. E. MASON				
11-8-66	G	35K21 ADDED			1-29-66	B	CHART REVISED									CHECKED BY [Signature]				
9-28-66	F	393535-HOSE ADDED			1-5-66	A	REVISED & REDRAWN									APPR. [Signature]				
																SERIES				
																AB-C				
																PART NO				
																394435-6				

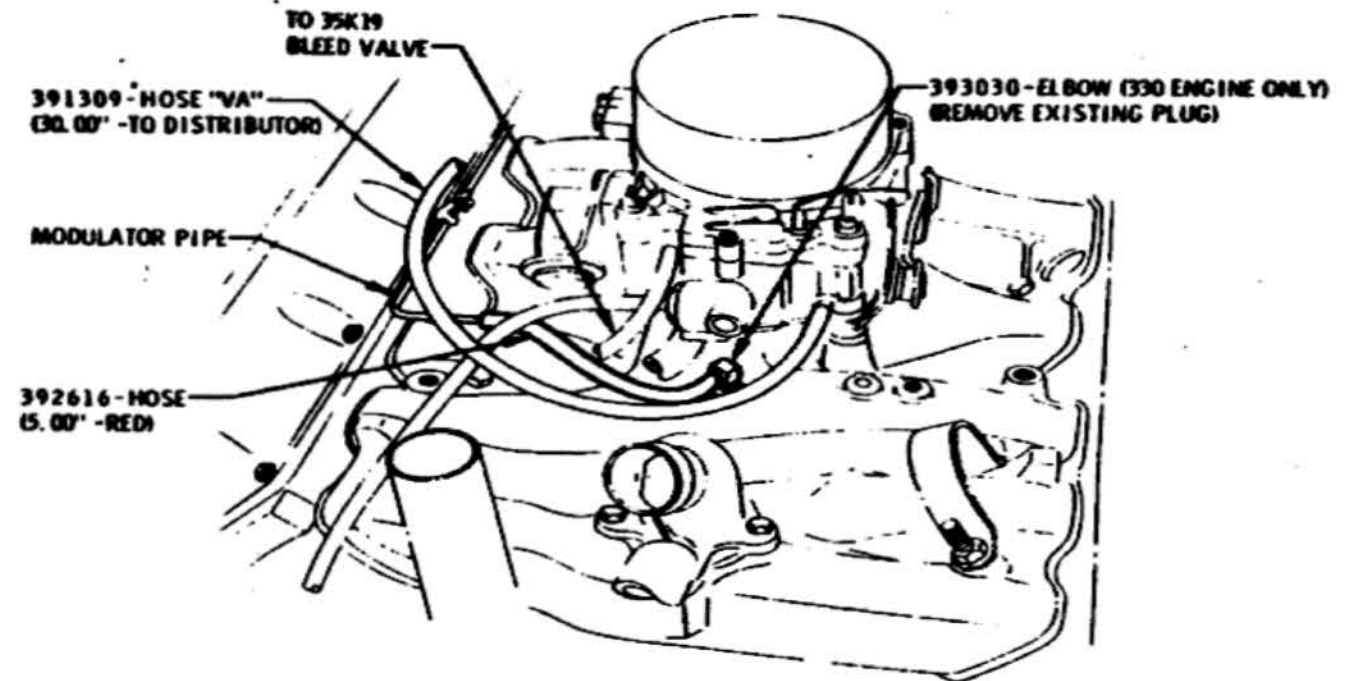


ⓓ PART OF 397951-HOSE SHOP ASSY
(G.M.A.O. PLANTS ONLY)

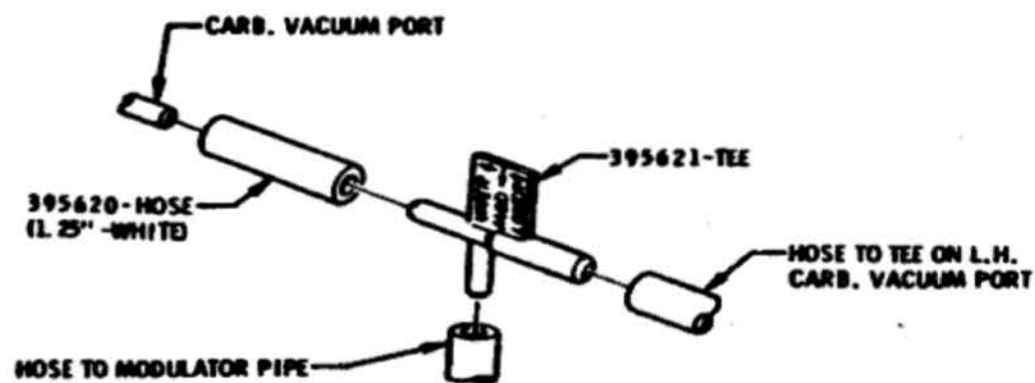
DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
					10-24-66	E	NOTE REMOVED									ENGINE VACUUM HOSE ROUTING	1967		6-1	152
					8-25-66	D	SHOP ASSY DETAILED									DATE MAY 2, 1966				
					8-5-66	C	REVISED & RE-DRAWN									DR BY W.E. HASON				
					6-29-66	B	REVISED & RE-DRAWN									CHECKED BY [Signature]				
					5-20-66	A	REVISED & RE-DRAWN									APPR. [Signature]				
																	SERIES	PART NO.	394435-6	
																	A B-C			



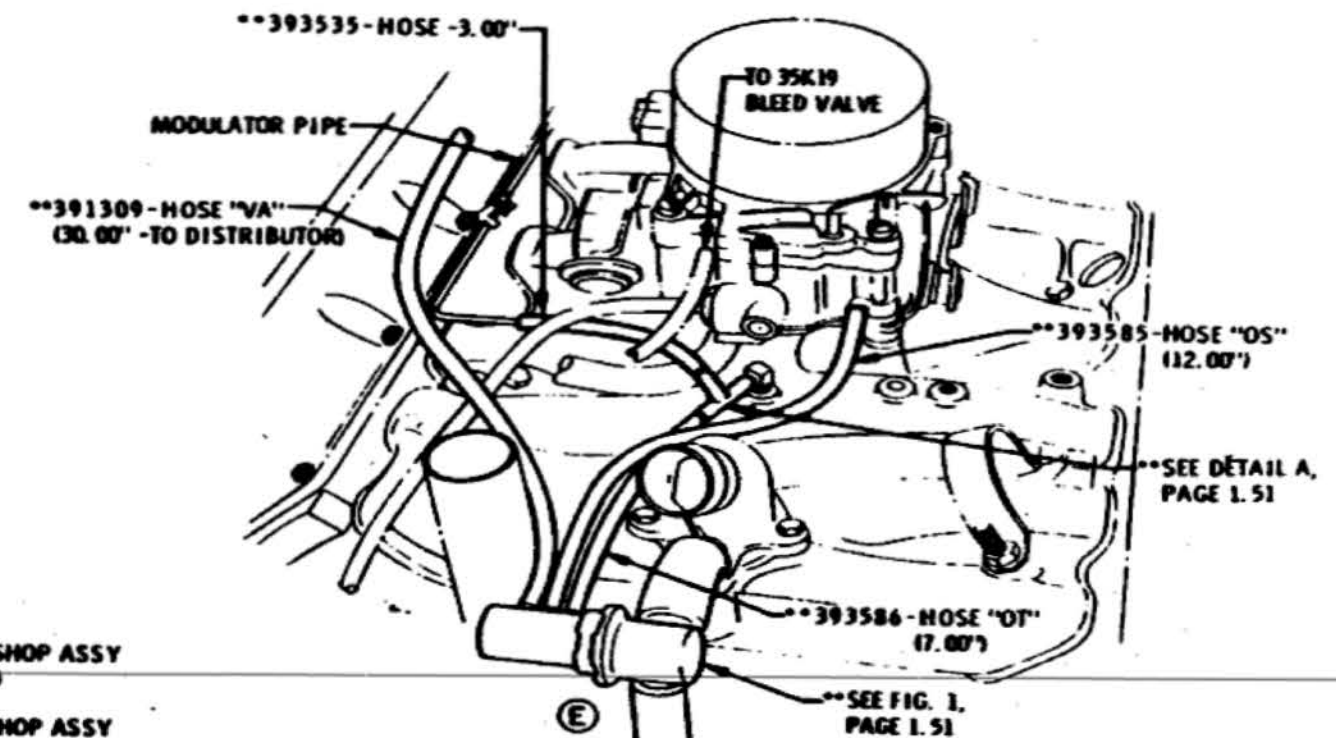
CODE OG



CODE OH



DETAIL C

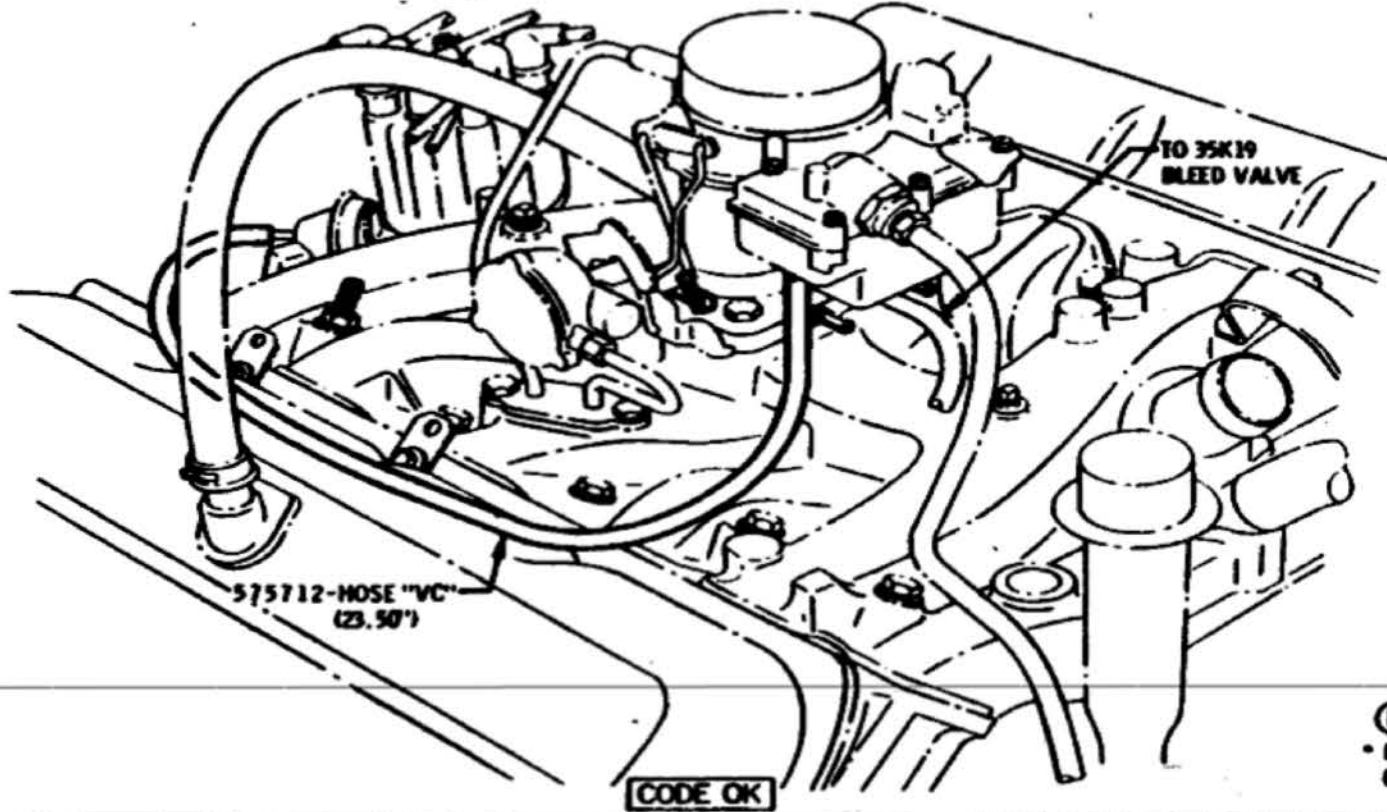
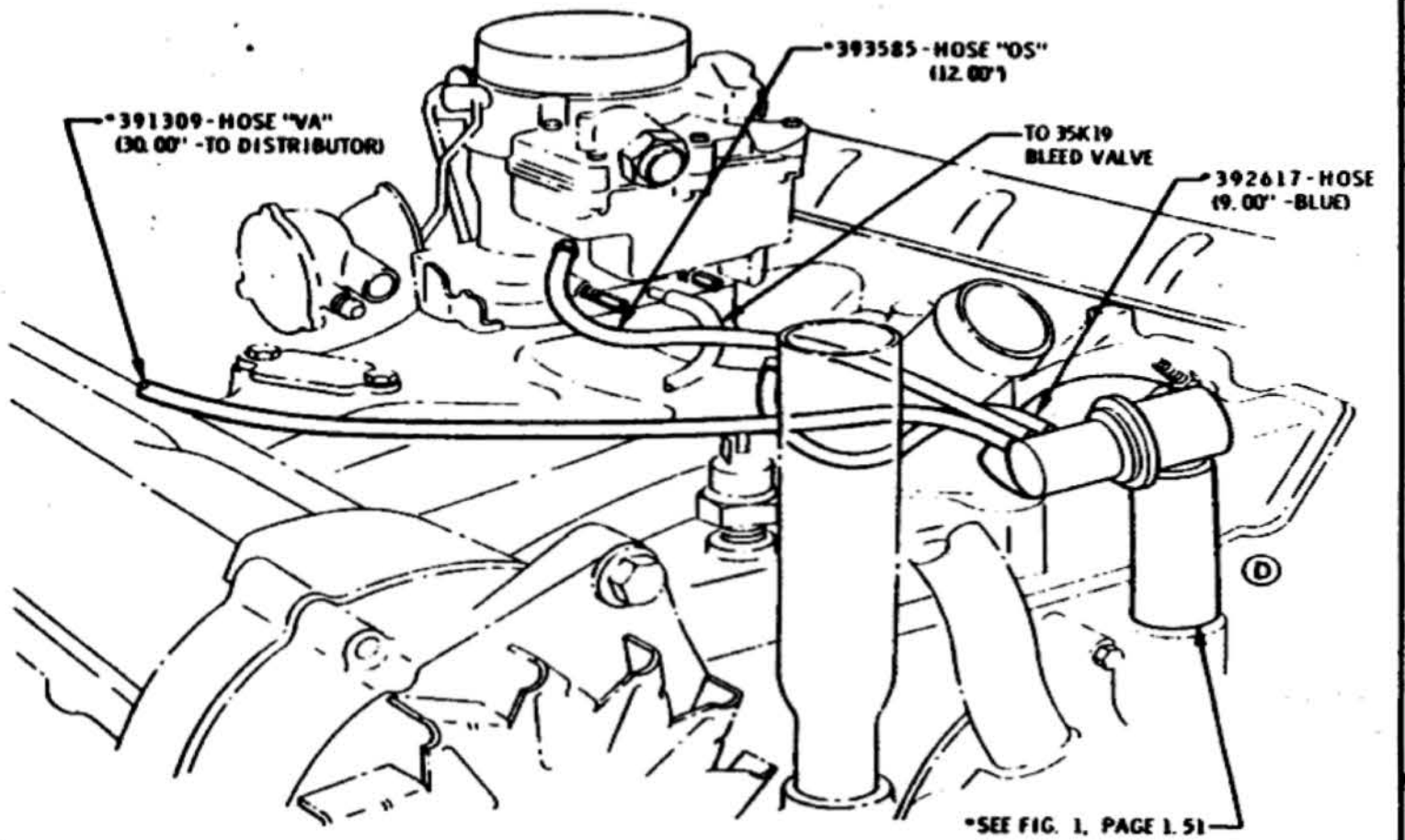
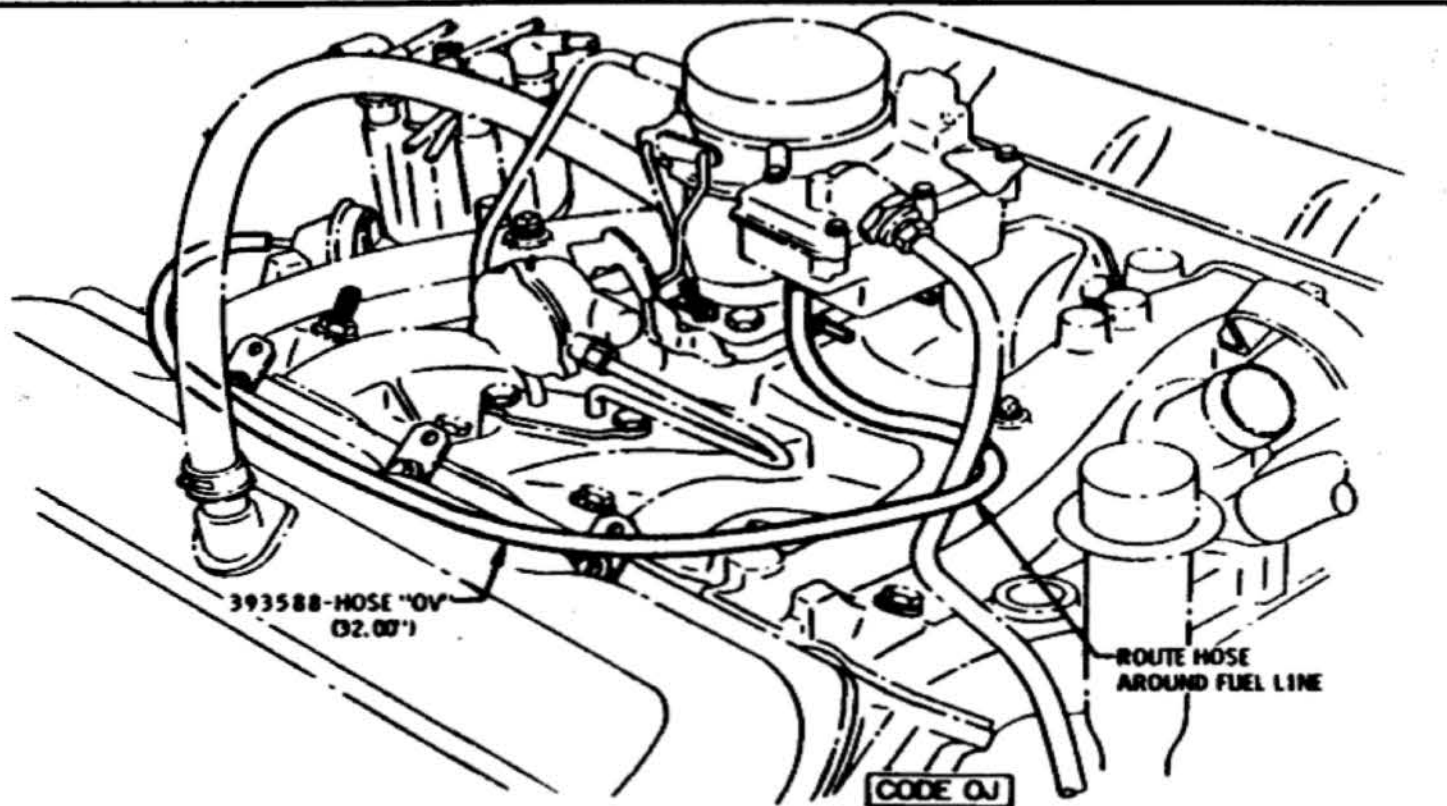


CODE OI

*PART OF 397952 - HOSE SHOP ASSY (G.M.A.D. PLANTS ONLY)

**PART OF 397950 - HOSE SHOP ASSY (G.M.A.D. PLANTS ONLY)

DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	APP.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
1-9-67	E	BACKGROUND REVISED														ENGINE VACUUM HOSE ROUTING	1967		6-1	1.53
8-25-66	D	SHOP ASSY DETAILED																		
8-5-66	C	REVISED & REDRAWN																		
6-29-66	B	REVISED & REDRAWN																		
5-18-66	A	REVISED & REDRAWN																		
SERIES A B-C PART NO 394435-6																				



MANUAL TRANSMISSION DISTRIBUTOR HOSE ROUTING CHART

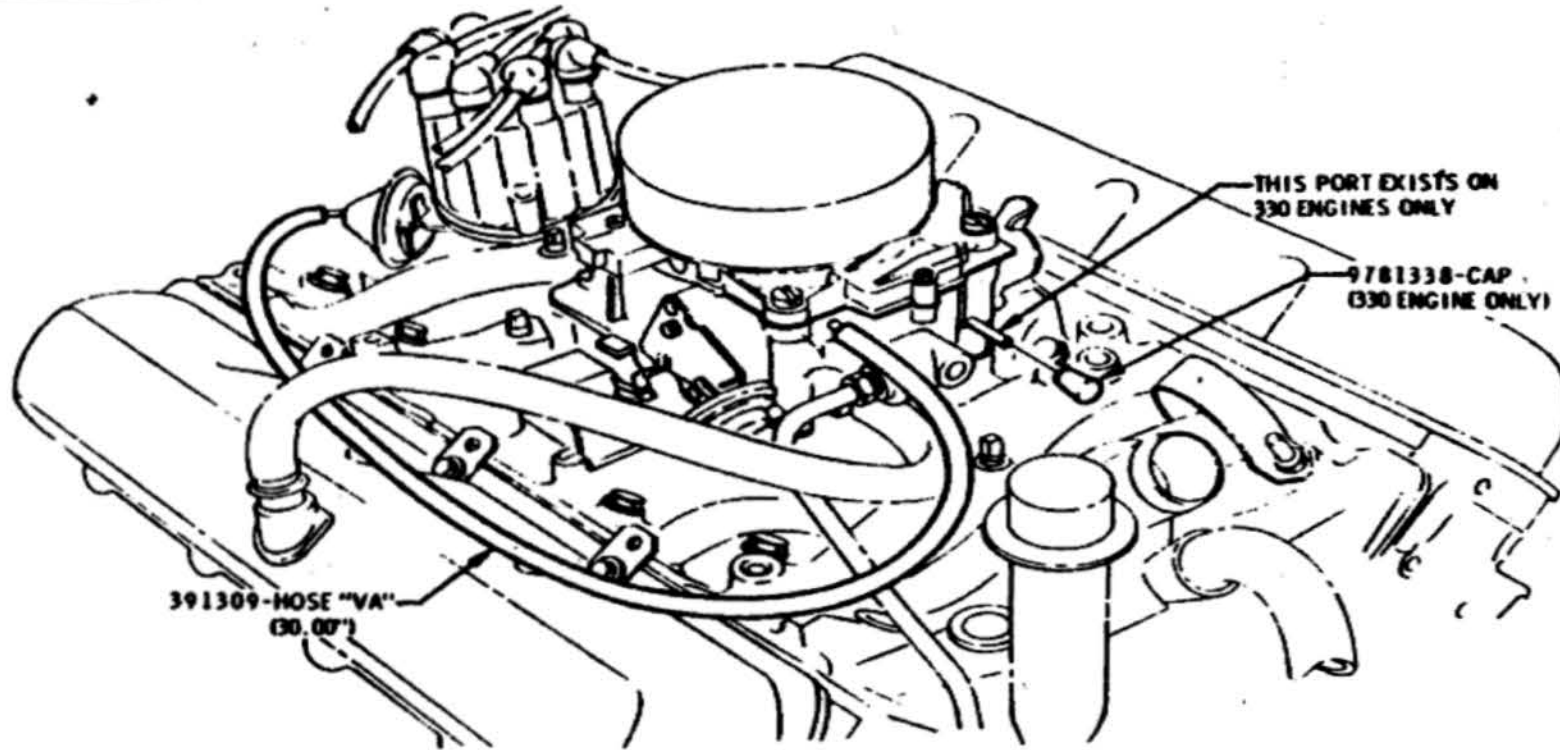
ENGINE & CARB.	EXC. 35K19	35K19 EXC. A/C	35K19 WITH A/C	35K21 EXC. A/C	35K21 WITH A/C
330 CU. IN. "A-B" - 2 BBL	CODE "OJ"	CODE "OK"	CODE "OK"	N.A.	N.A.
425 CU. IN. - 2 BBL	CODE "OJ"	CODE "OK"	CODE "OL"	CODE "OQ"	CODE "OR"
330 CU. IN. "A-B" - 4 BBL	CODE "OM"	CODE "ON"	CODE "ON"	N.A.	N.A.
400 CU. IN. - 4 BBL	CODE "OM"	CODE "OO"	CODE "OO"	N.A.	N.A.
425 CU. IN. - 4 BBL	CODE "OM"	CODE "ON"	CODE "OO"	N.A.	N.A.

(B)
 * PART OF 397953-HOSE SHOP ASSY
 (G. M. A. D. PLANTS ONLY)

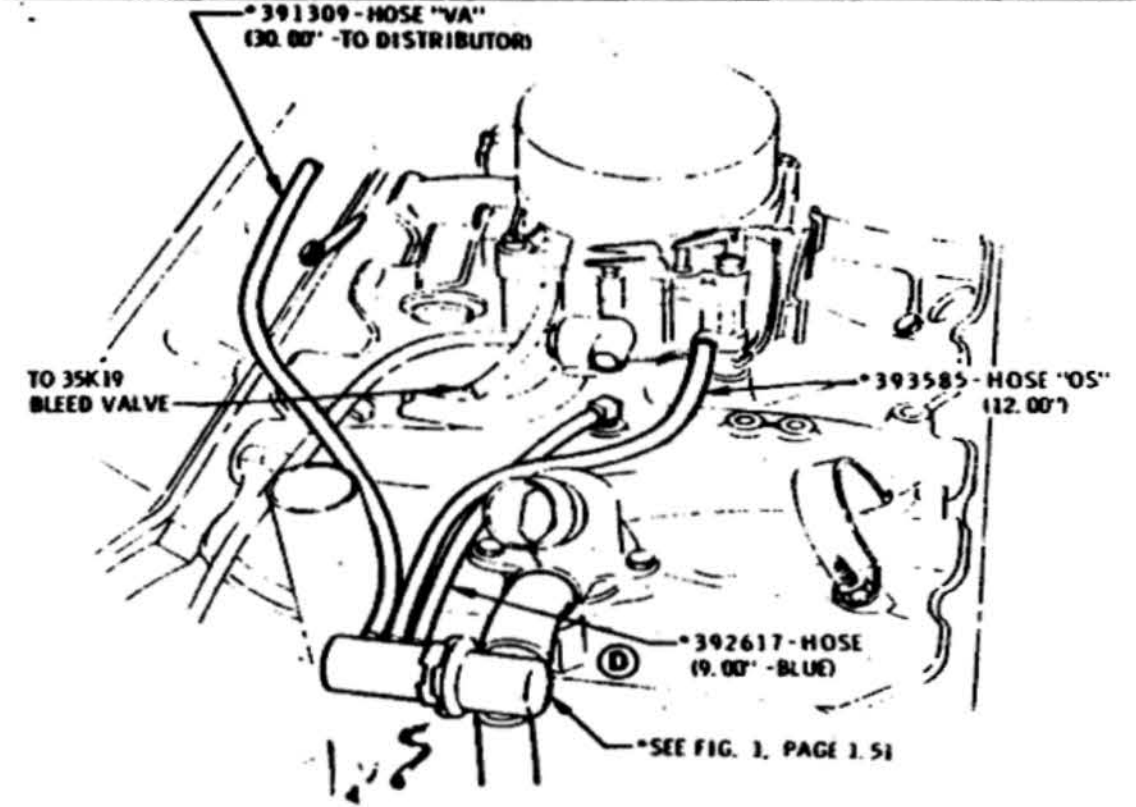
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
					1-9-67	D	BACKGROUND REVISED									ENGINE VACUUM HOSE ROUTING				
					11-8-66	C	35K19 ADDED									DATE <u>JUNE 22, 1966</u>	1967		6-1	154
					8-5-66	B	SHOP ASSY DETAILED									CHECKED BY <u>Barbant</u>				
					8-5-66	A	NAS PAGE 6-1:138									APP. <u>J. J. [Signature]</u>				
																SERIES A-B		PART NO. 394435-6		

OLDSMOBILE DIVISION

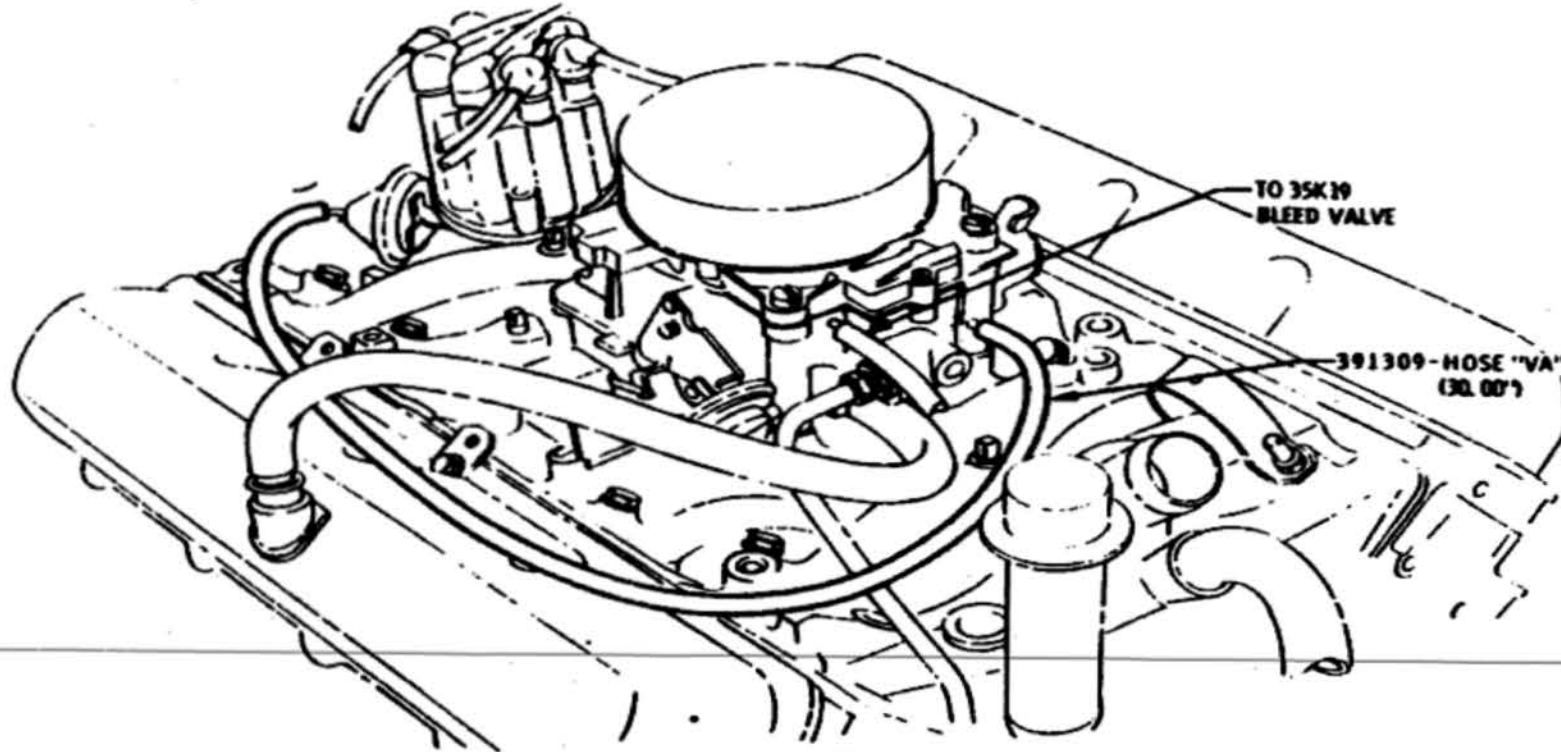
GENERAL MOTORS CORPORATION
LANSING - MICHIGAN



CODE OM



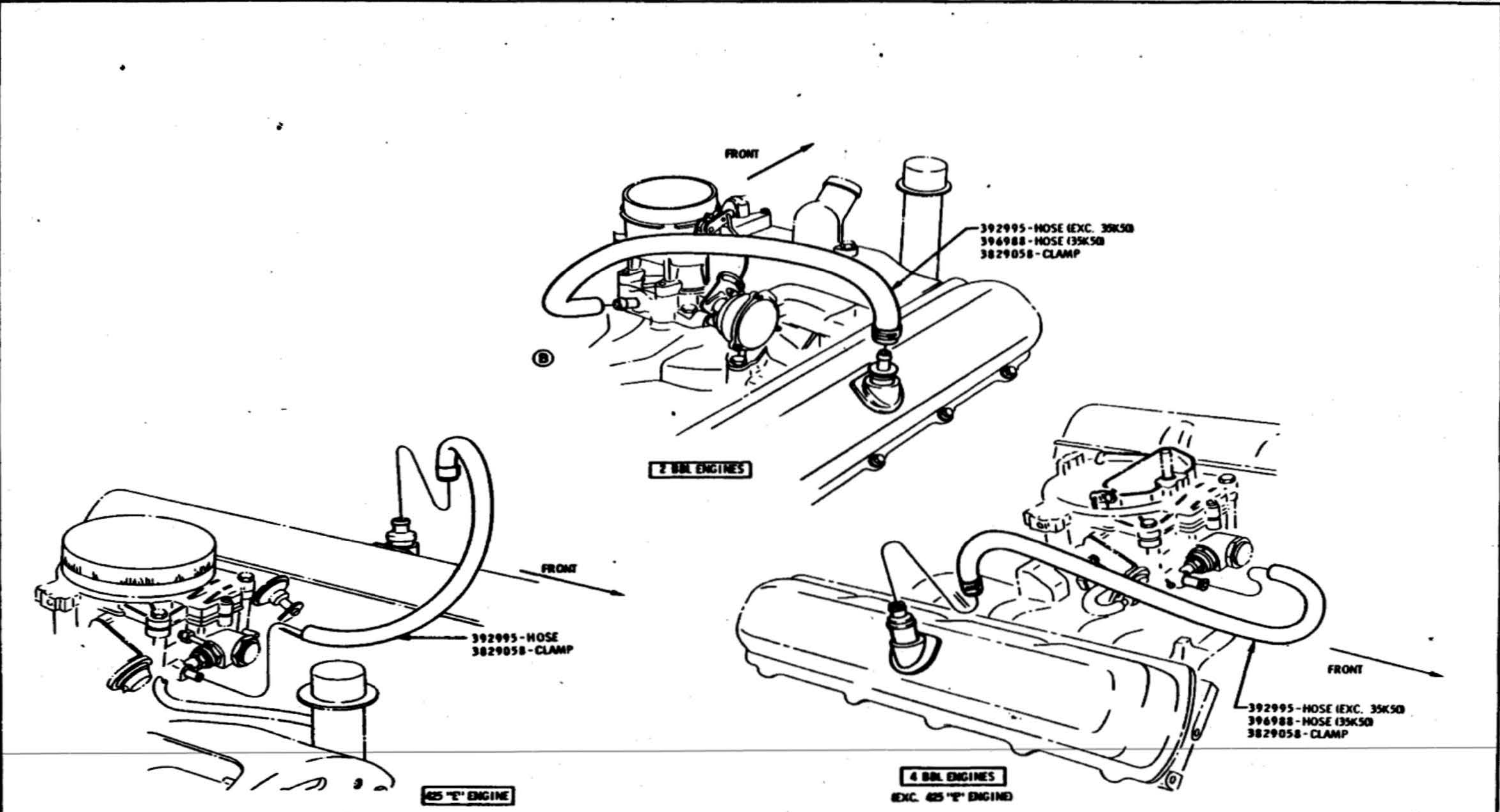
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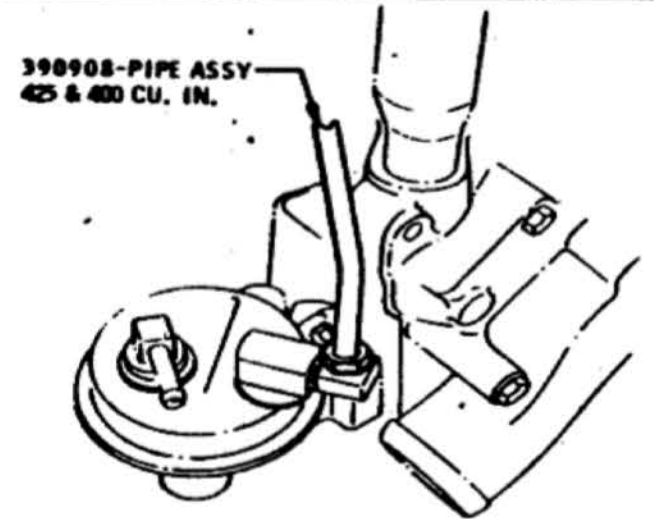
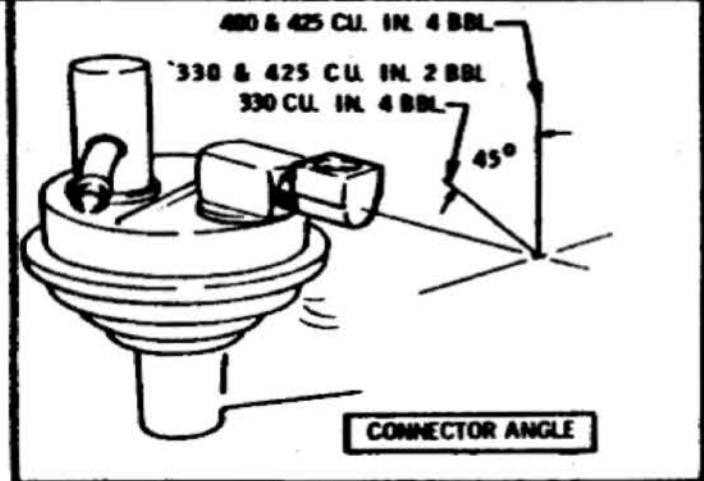
CODE ON

© PART OF 397953- HOSE SHOP ASSY
(G. M. A. D. PLANTS ONLY)

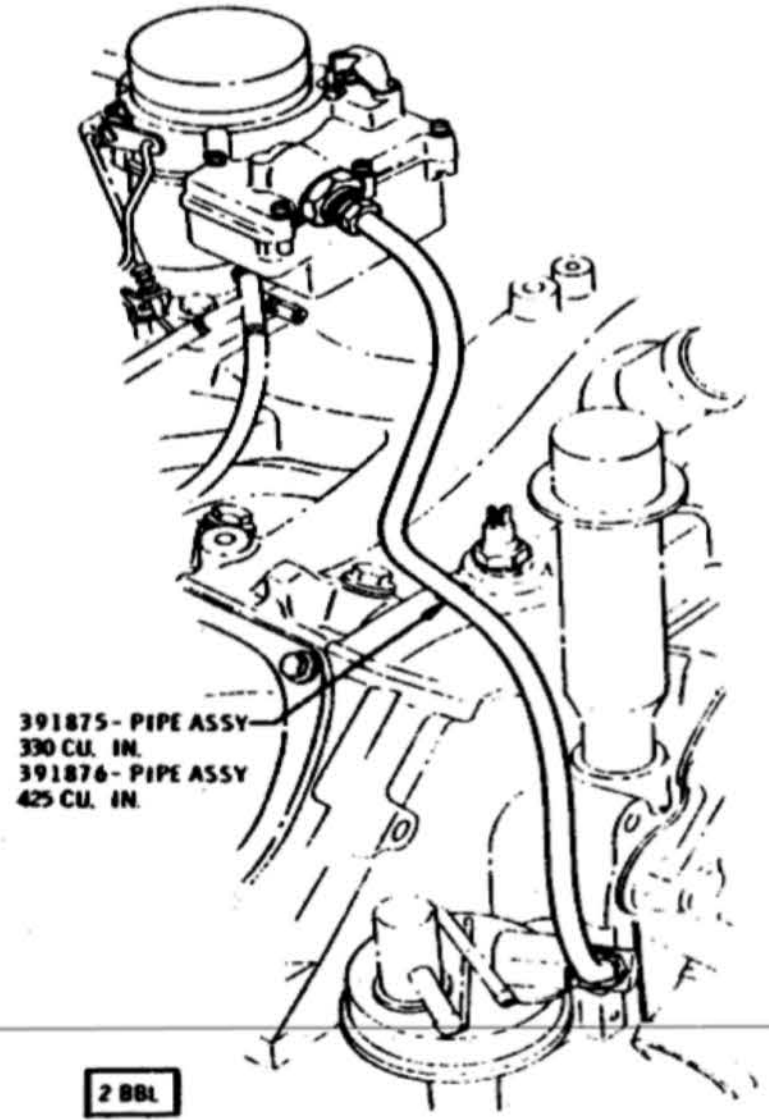
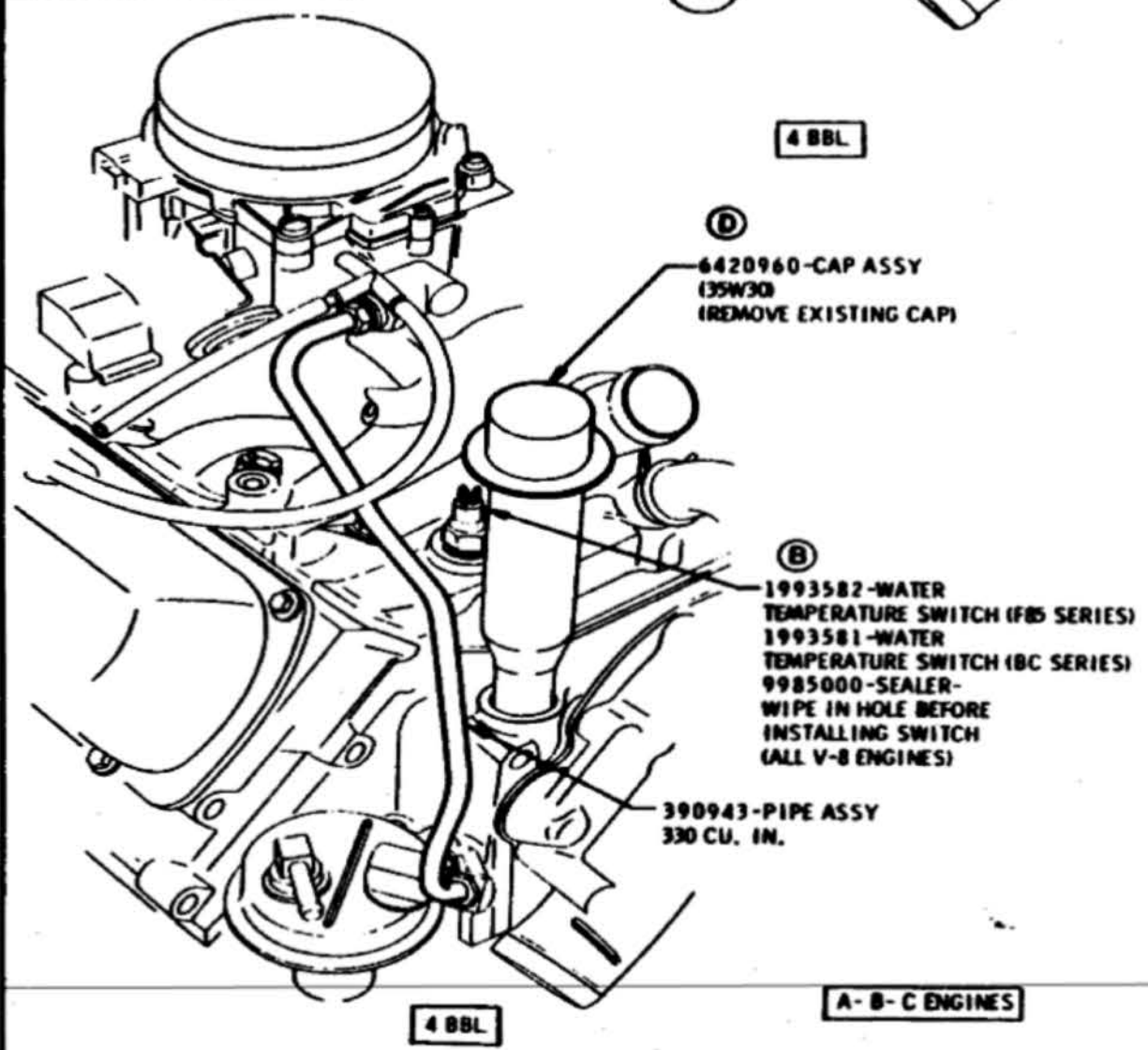
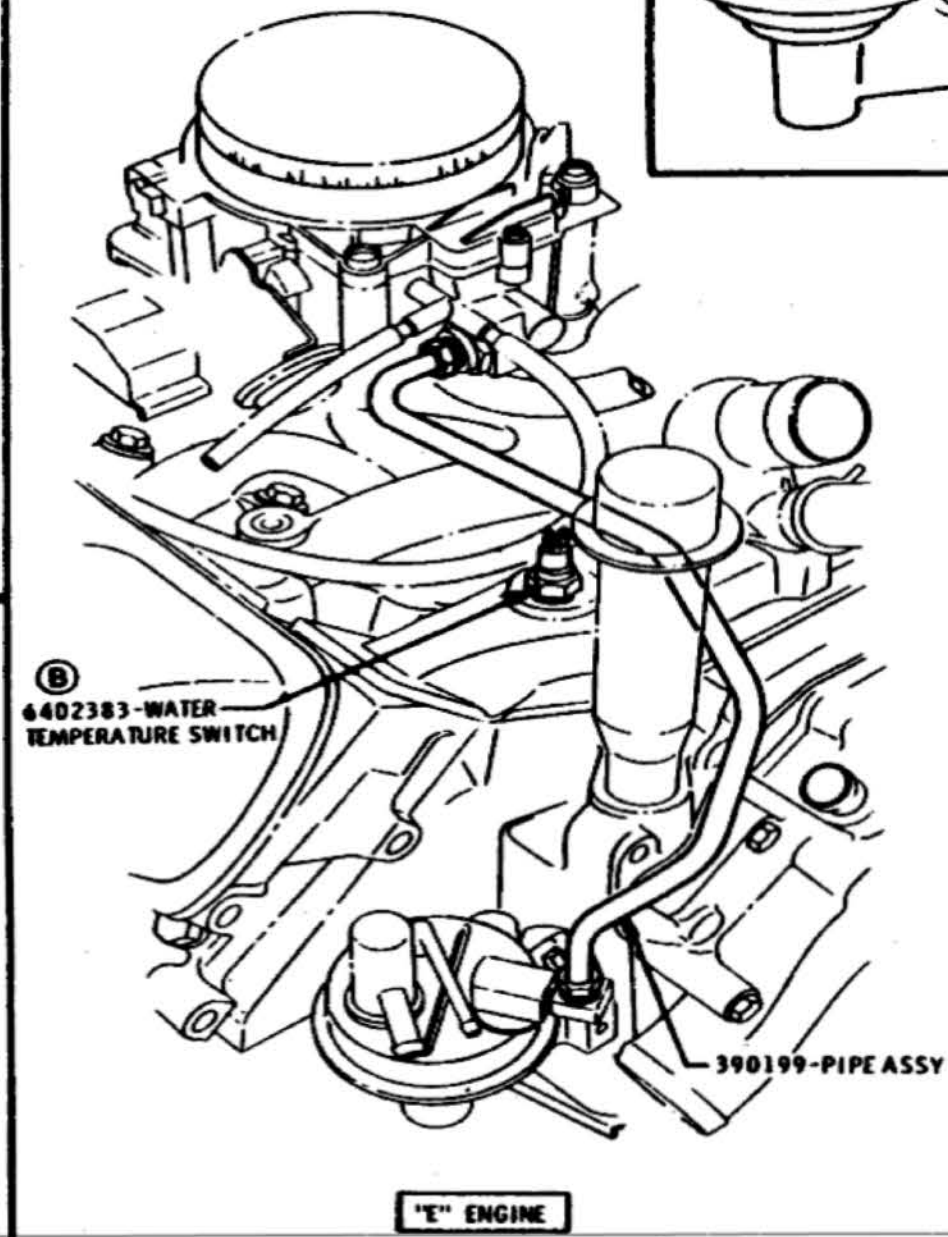
DATE	SYM	REVISION	DR. CK.	DATE	SYM	REVISION	DR. CK.	DATE	SYM	REVISION	DR. CK.	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	SERIES	PART NO.
													ENGINE VACUUM HOSE ROUTING	1967		6-1	155	A-B	394435-6
													DATE APRIL 28, 1966						
													DR BY ED J ROE						
													CHECKED P. Bonhart						
													REVISED E. EDMOND						
													NET W.C.M.						



TITLE										CRANKCASE VENTILATION					
DATE APRIL 18, 1966										FIRST USED	OLDSMOBILE PRODUCT	MANUAL SECTION	PAGE		
DR. BY GOODWIN										1967	INFORMATION MANUAL	6-1	156		
8-266 B PART NUMBER REMOVED										REV.	SERIES	PART NO			
8-266 A NMS PAGE 61:153											A B-C E	394435-6-7			
DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	APP.



© BLOW OUT MAIN FUEL LINE JUST PRIOR TO INSTALLATION, WITH FILTERED AIR, USING A MINIMUM OF 30 P.S.I. AIR PRESSURE TO INSURE REMOVAL OF ANY FOREIGN MATTER.



DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APP.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
					12-8-66	D	PART NO. ADDED			APRIL 15, 1966						FUEL LINES, PUMP & WATER TEMPERATURE SWITCH	1967		6-1	1.57
					8-9-66	C	NOTE ADDED													
					8-1-66	B	SWITCH NO ADDED													
					5-5-66	A	1993516 - SWITCH ADDED													
																REF.	SERIES	PART NO.		
																	A B-C E	394435-6-7		

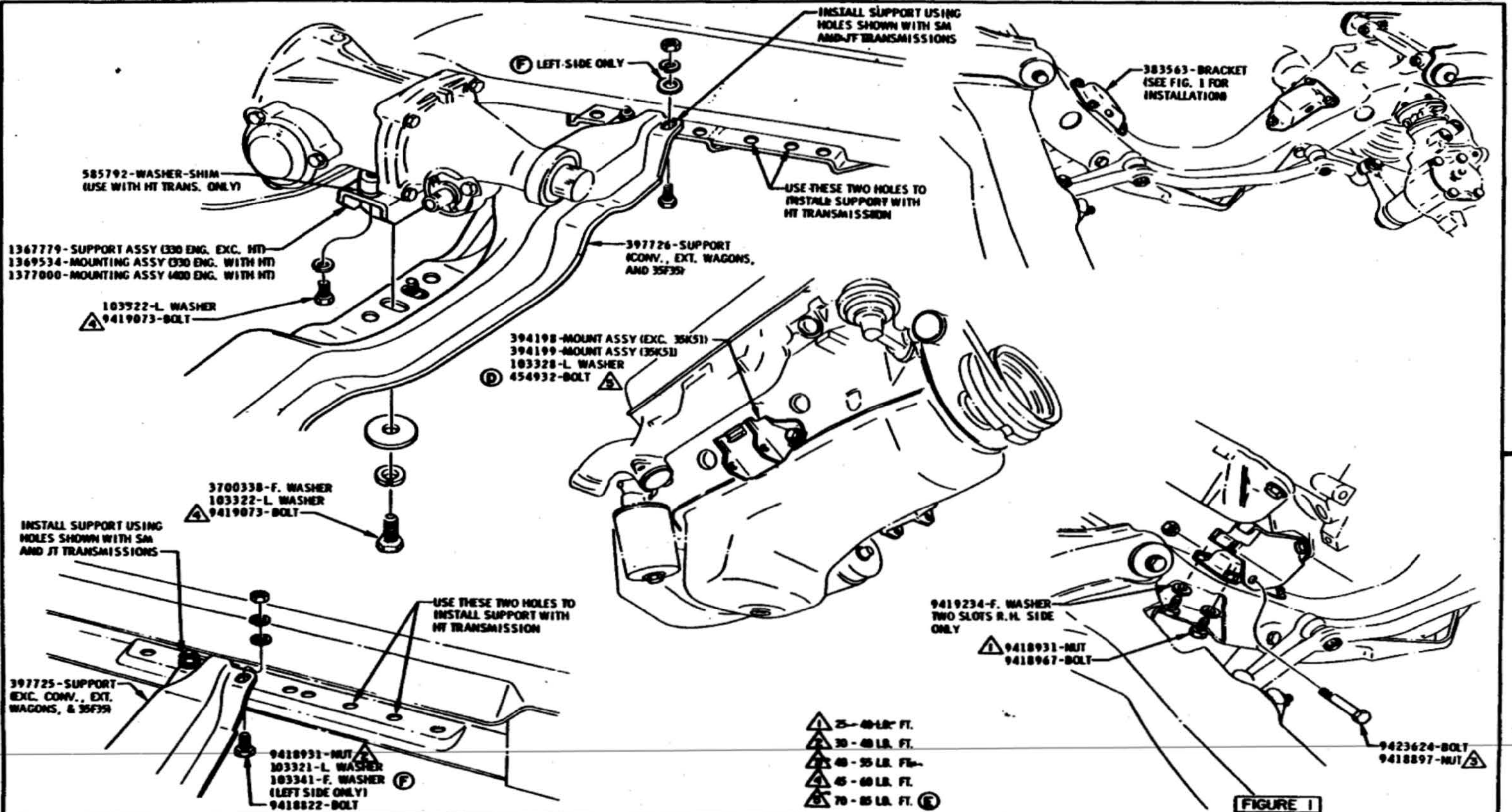
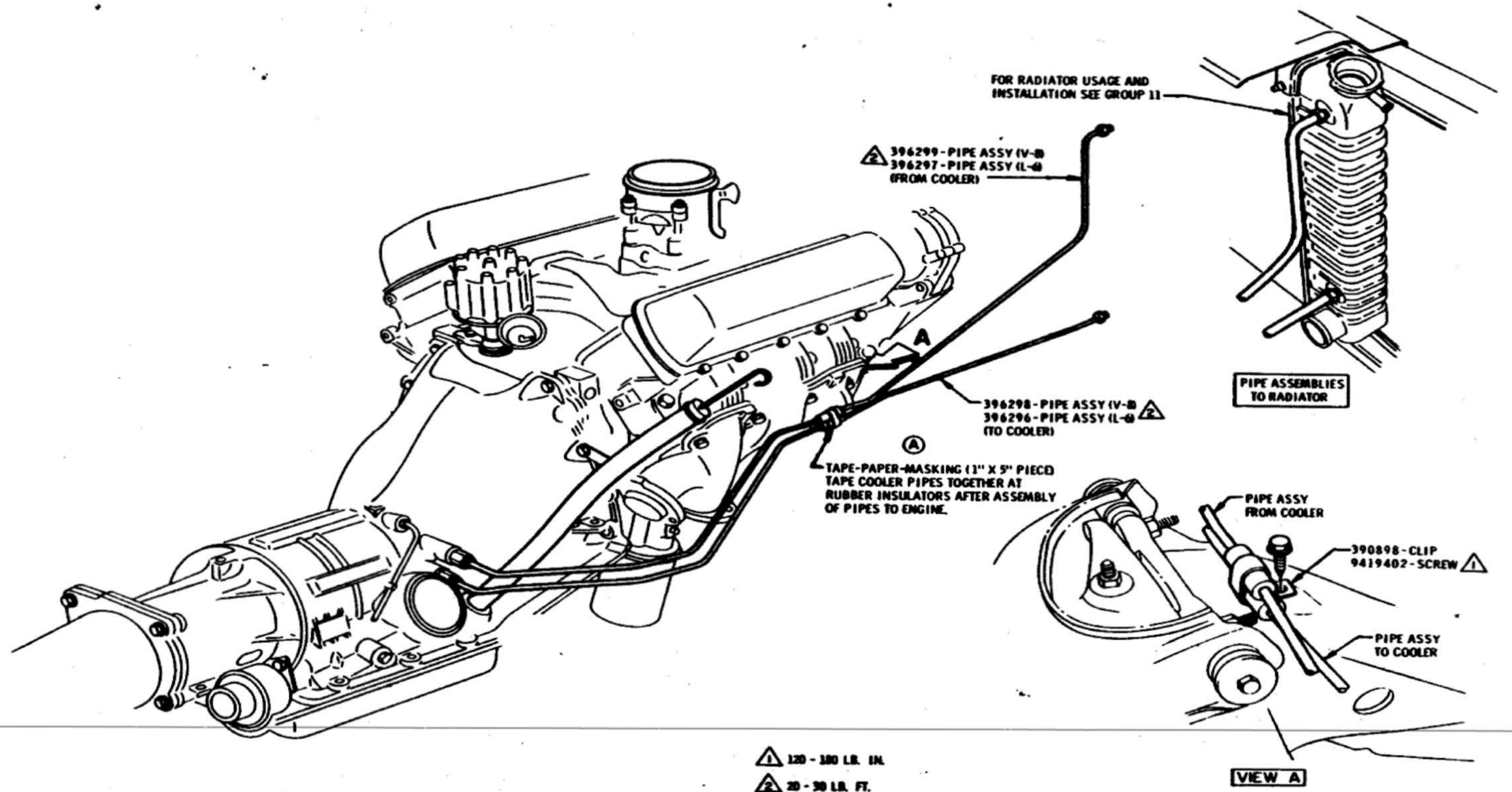


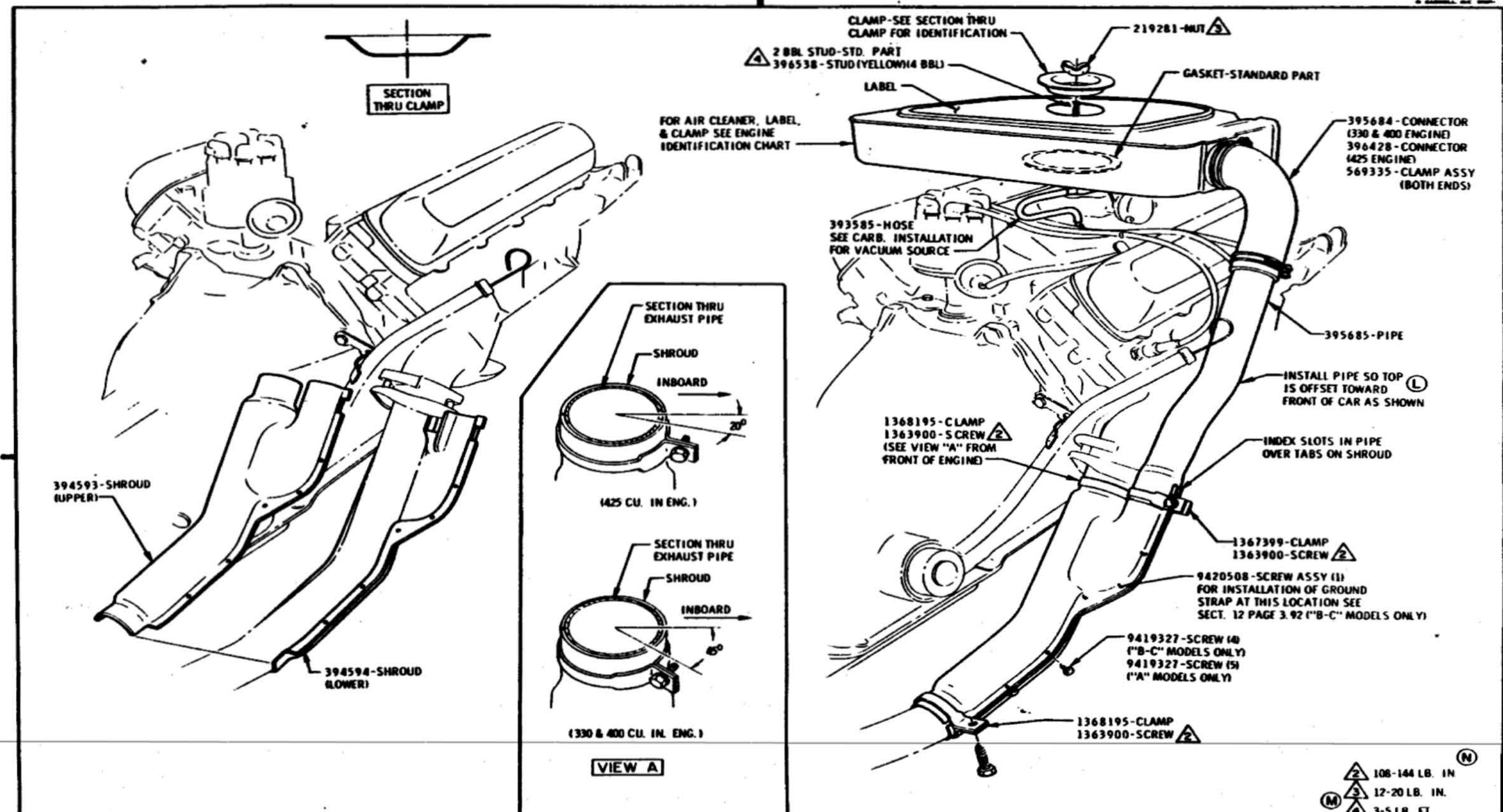
FIGURE 1

								1-20-67	E	WAS 55-66 LB. FT.			TITLE			POWER PLANT TO FRAME		
								1-20-67	D	WAS 9419073			DATE	FEBRUARY 21, 1966	FIRST USED		MANUAL SECTION	PAGE
								6-28-66	C	REVISED & REDRAWN			BY	ED J. ROE	1967	6-1	1.60	
								6-7-66	B	NOTE REVISED			CHECKED	<i>W. J. JAMES</i>				
								2-25-67	F	NOTE ADDED			NO. 20, 60, 95F95, 35K51					
								2-25-67	A	WAS PAGE 1.50								
DATE	SYM	REVISION	DWG. NO.	DATE	SYM	REVISION	DWG. NO.	DATE	SYM	REVISION	DWG. NO.	DATE	SYM	REVISION	NO.	PART NO.		
															A	394435		

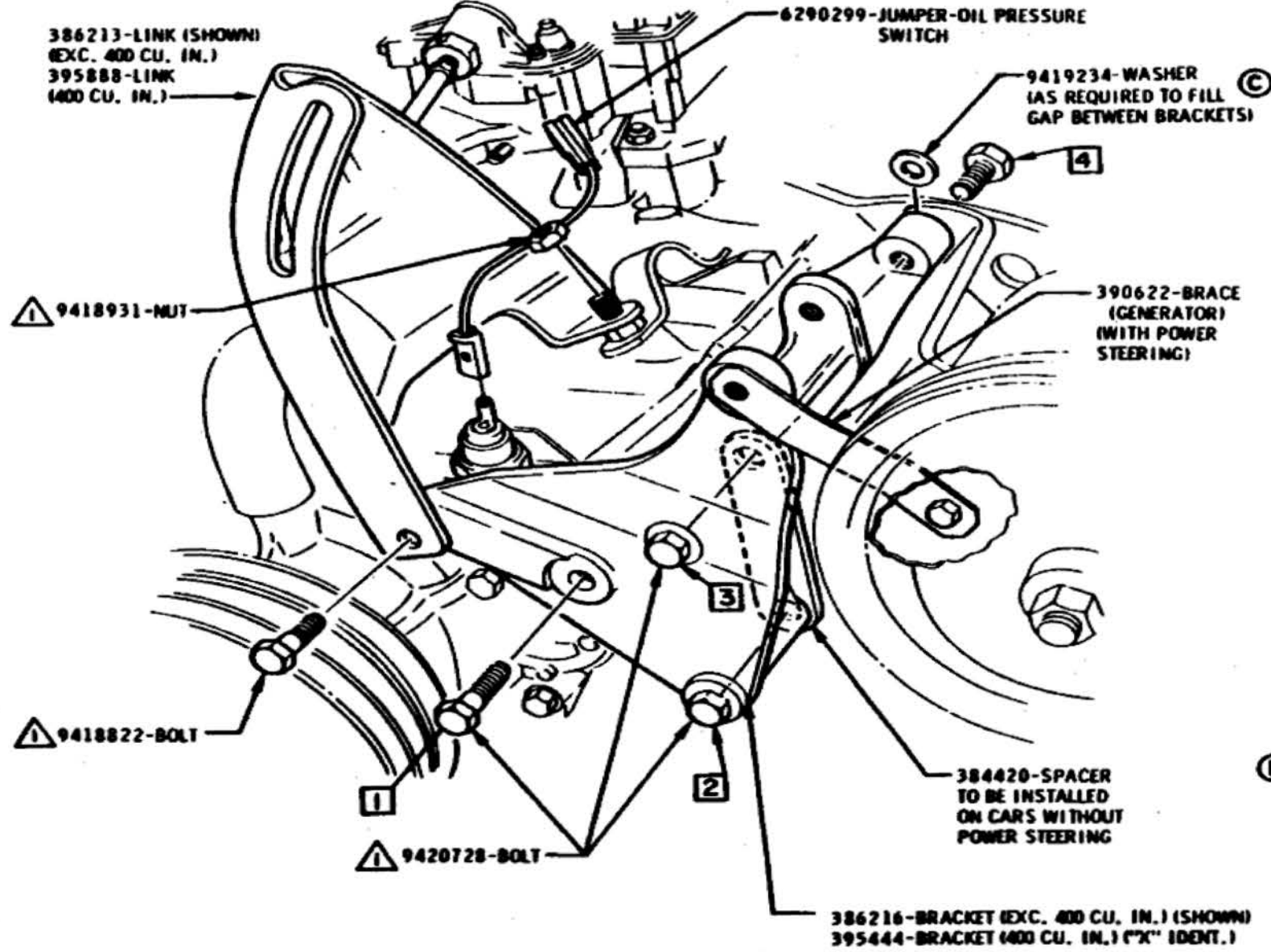


1 120 - 180 LB. IN.
2 20 - 30 LB. FT.

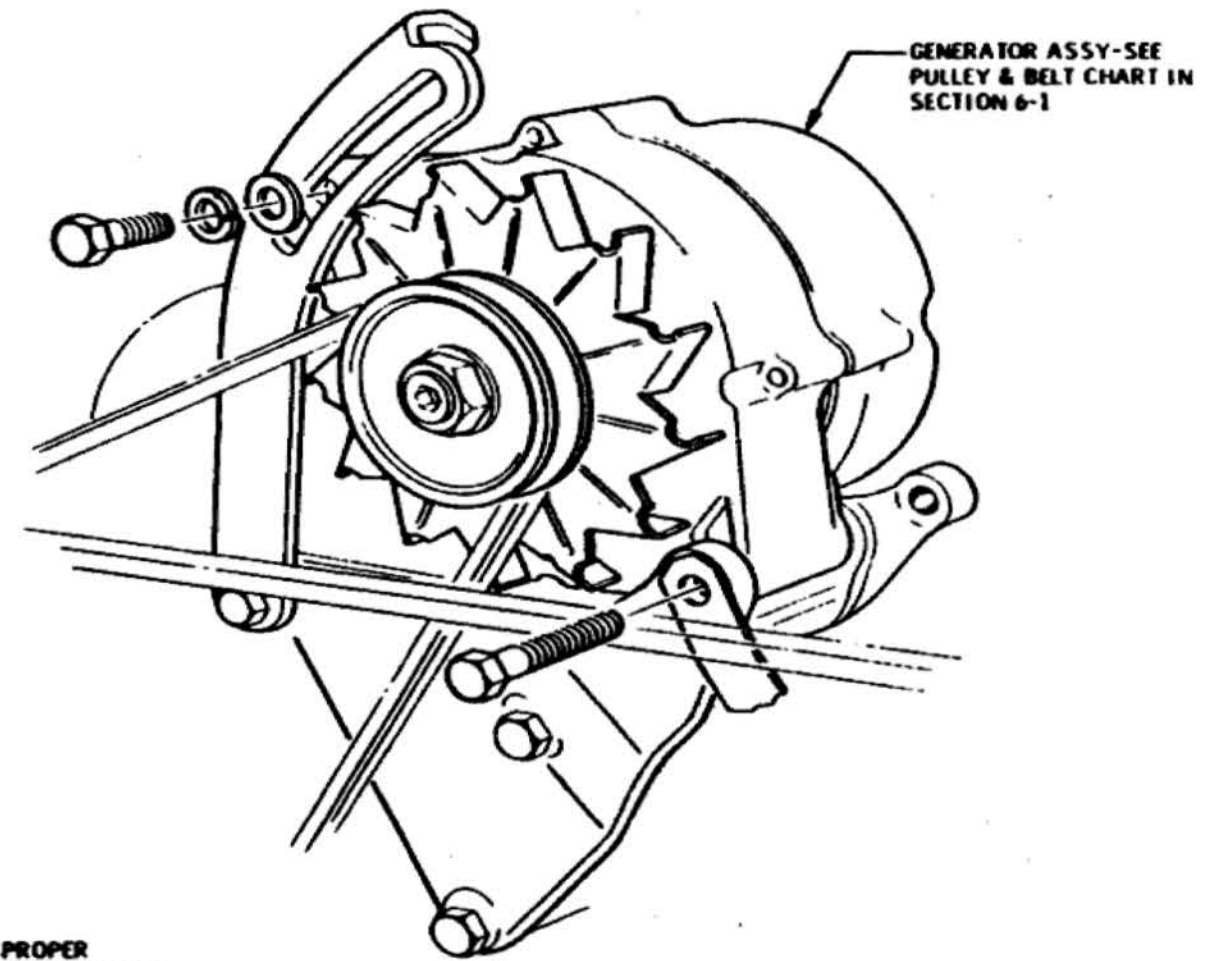
										TITLE		TRANSMISSION COOLER PIPES											
										DATE		APRIL 1, 1966		PART USED		1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE	
										DR. BY		R.E. MASON						6-1		1.65			
										CHECKED		<i>H. J. B. Pugh</i>		REV. 35181 (766) TR-542		SERIES		A		PART NO.		394435	
										APPR.		<i>H. J. B. Pugh</i>		REV. 35182 (766) TR-542									
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	APPR.								



DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE		
					9-7-66	K	CLAMP REPOSITIONED	J13	5/2	7-1-66	E	WAS 3RH082-HOSE	U1/2	7/2								CARB. AIR PRE - HEATER SYSTEM	1967		6-1	1.80	
					8-16-66	J	NOTE REVISED	U1/2	7/2	6-27-66	D	NOTE ADDED	U1/2	7/2								DATE APRIL 12, 1966					
10-20-66	N	TORQUE REMOVED			8-16-66	H	PART NUMBER ADDED	U1/2	7/2	5-27-66	C	NOTE REVISED	U1/2	7/2								DR BY ED J ROE					
10-11-66	M	TORQUES ADDED			7-1-66	G	NOTE REVISED	U1/2	7/2	5-26-66	B	TORQUES ADDED	U1/2	7/2								CHECKED BY <i>R. S. ...</i>					
9-7-66	L	NOTE ADDED			7-1-66	F	CLAMP ADDED	U1/2	7/2	5-18-66	A	PART NO. ADDED	U1/2	7/2								APPR. R. S. ...					
																						REF	SERIES	PART NO.			
																							A-B-C	394435-6			



INSTALLATION OF GENERATOR MOUNTING BRACKET



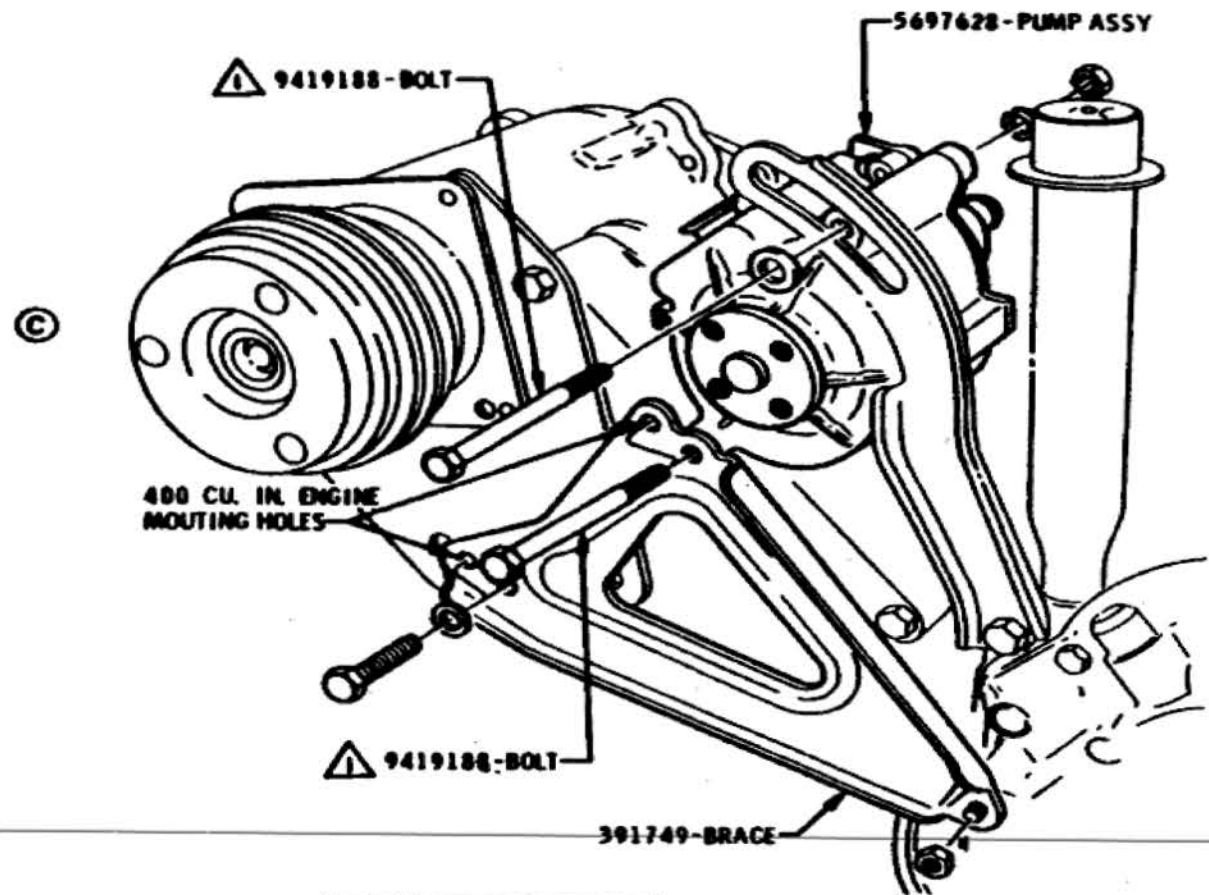
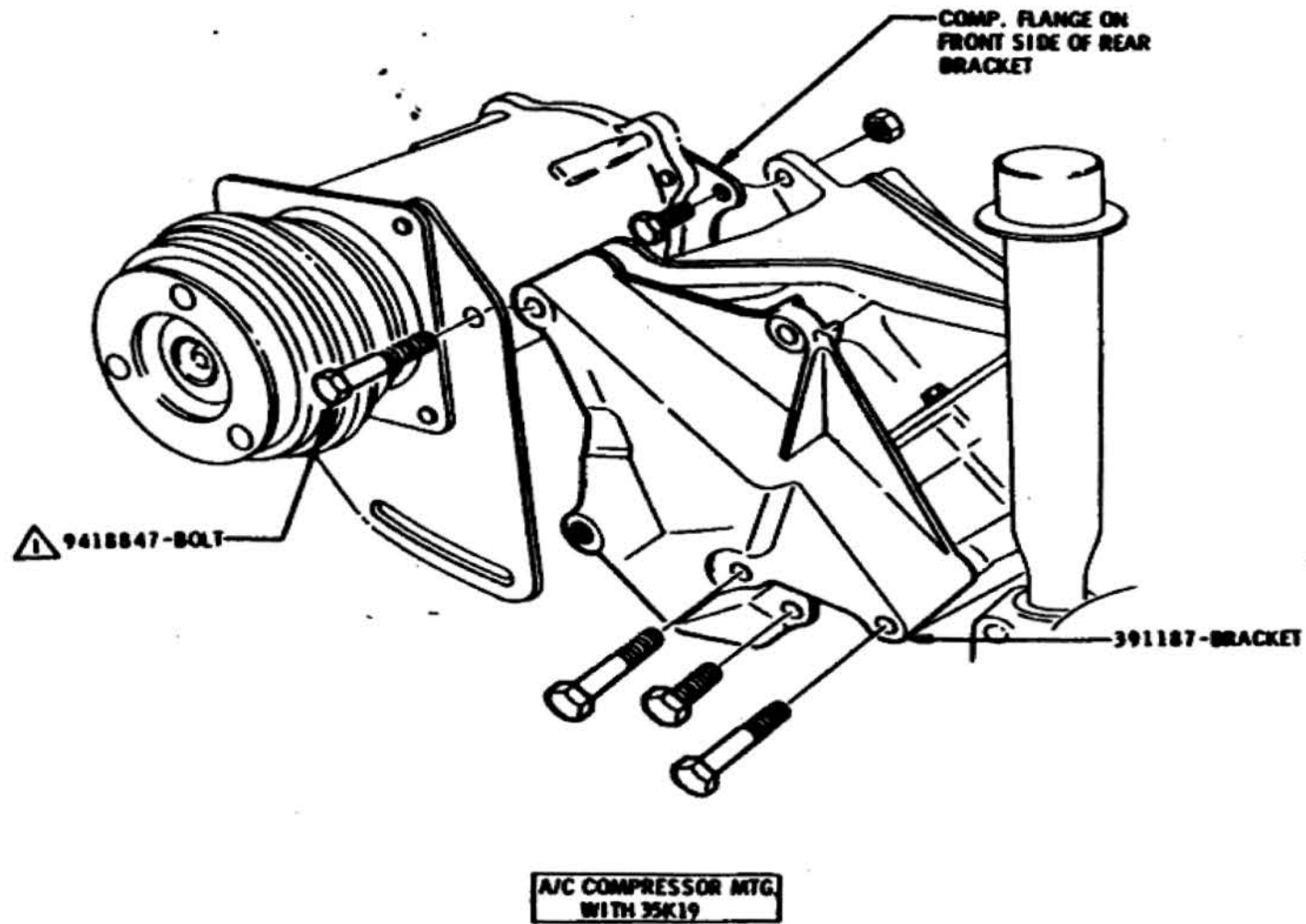
INSTALLATION OF GENERATOR ASSY TO MOUNTING BRACKETS

TO INSURE PROPER ALIGNMENT OF GENERATOR MOUNTING BRACKET, TORQUE THESE (4) BOLTS IN THE SEQUENCE SHOWN STARTING WITH **1**

1 25 - 35 LB. FT.

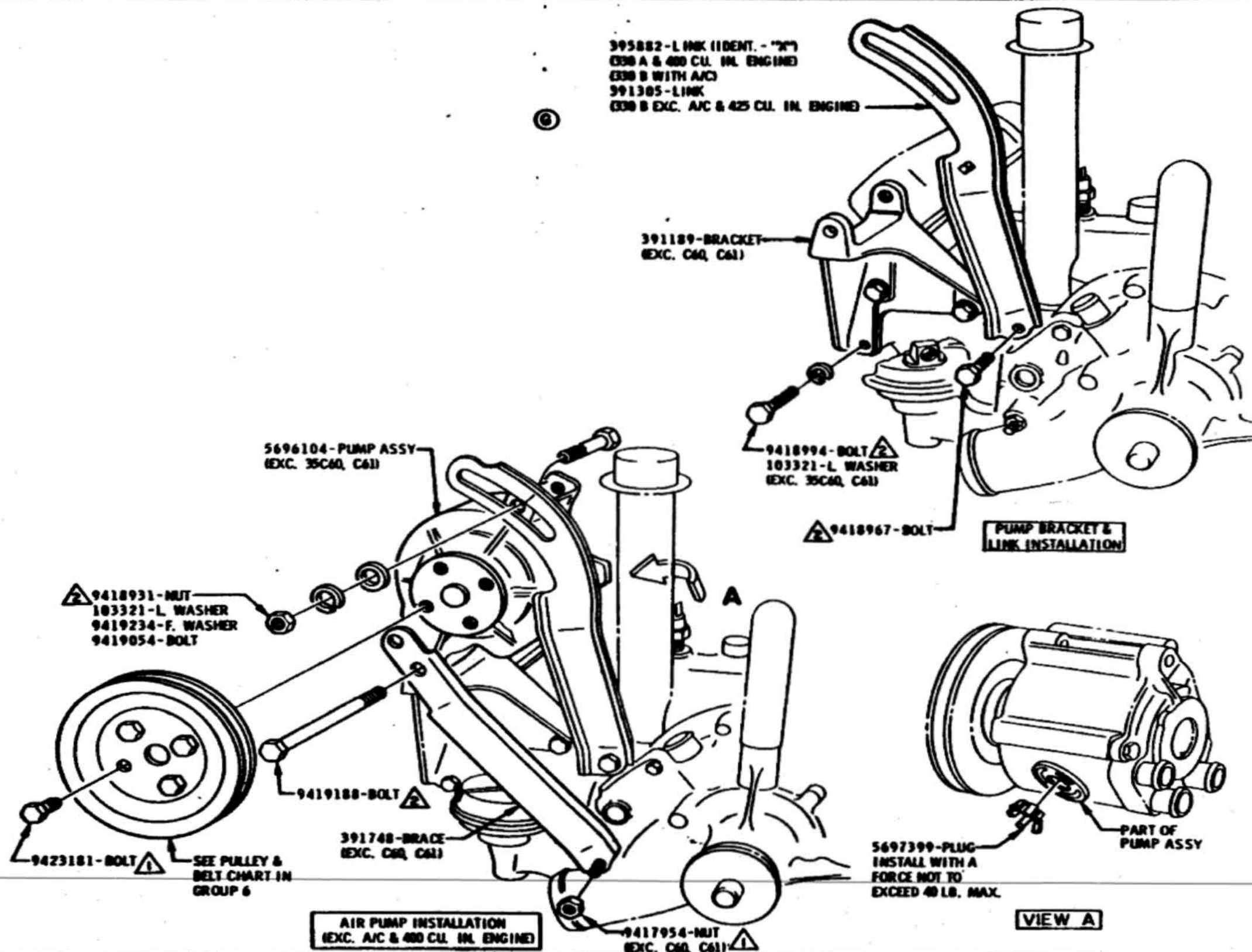
BALANCE OF INFORMATION SAME AS STANDARD CAR

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	SERIES	PART NO	
																GENERATOR MOUNTING WITH A/C AND OR 35K19	1967		6-1	2.01	A	394435	
					2/23/67	E	TORQUE ADDED																
					2/23/67	D	ASSY NOTE ADDED										DATE FEBRUARY 22, 1966						
					2/23/67		WASHER ADDED										DR BY GODWIN						
					4-15-66	B	TITLE REVISED									CHECKED <i>[Signature]</i>							
					8-5-66	A	NOTE REVISED									APPR <i>[Signature]</i>							



Ⓢ 25 - 35 LB. FT.

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
					8-17-66	D	TORQUE ADDED									FEBRUARY 28, 1966	1967		6-1	4.01
					8-17-66	C2	NOTE REVISED									R. GOODWIN				
					5-27-66	D	FLAT WASHER RELOCATED									M. DONALD				
					4-7-66	A	NEW REVISED									S. M. DONALD				
																		A		394435

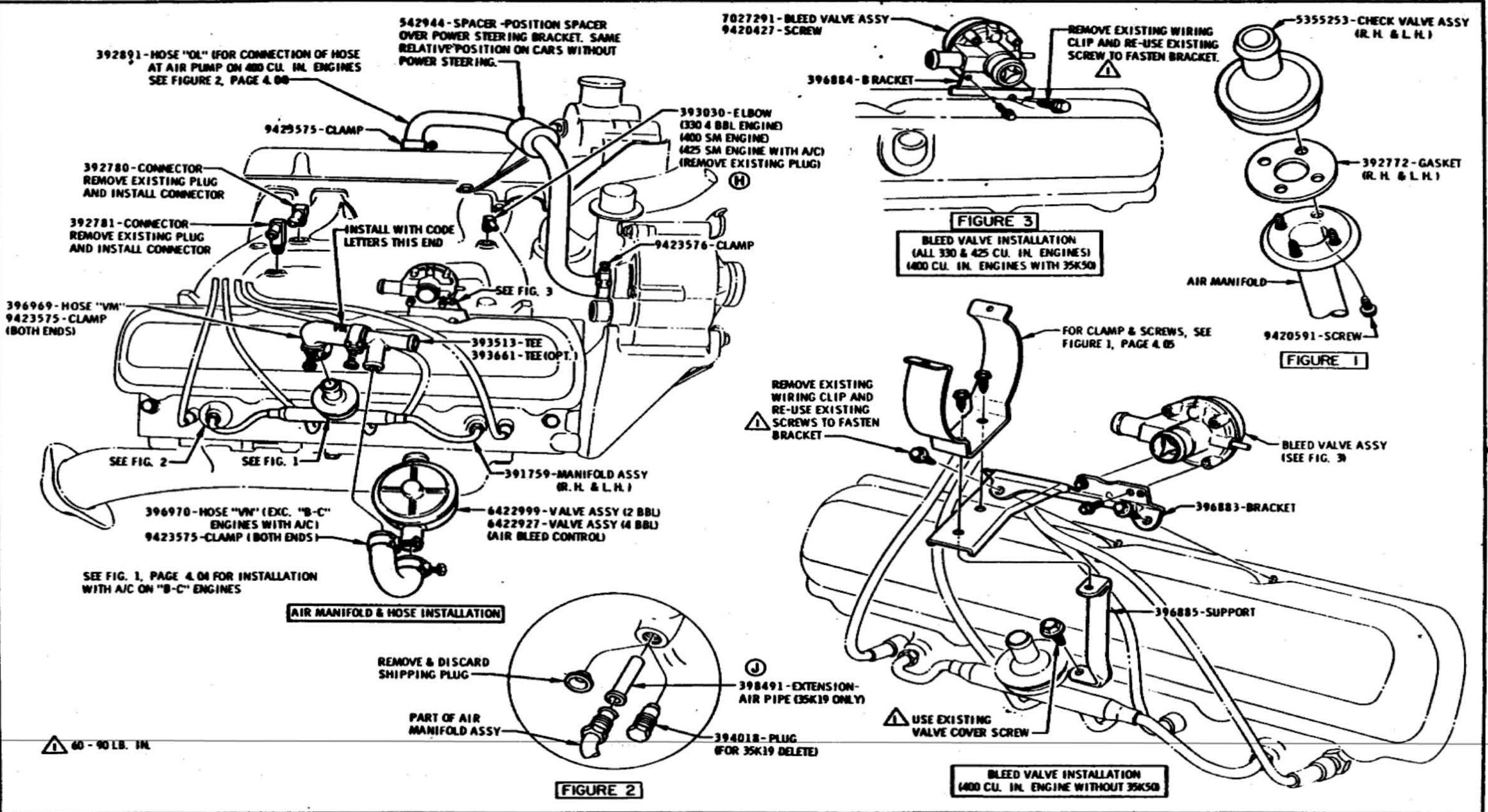


▲ 20 - 25 LB. FT.
 ▲ 25 - 35 LB. FT.

AIR PUMP INSTALLATION
 (EXC. A/C & 400 C.I. INL. ENGINE)

DATE	BY	REVISION	DR.	CL.	DATE	SYM.	REVISION	DR.	CL.	DATE	SYM.	REVISION	DR.	CL.	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
7-18-66	B	NOTE REVISED														A.I.R. SYSTEM	1967		6-1	4.02
6-29-66	D	NOTE ADDED																		
6-29-66	C	NOTE REVISED																		
6-29-66	B	CABLE ROUTING REVISED																		
8-17-66	F	REVISED & REDRAWN																		
8-17-66	A	REDRAWN & REVISED																		

GEN. A-B-C PART #394435-6



AIR MANIFOLD & HOSE INSTALLATION

FIGURE 2

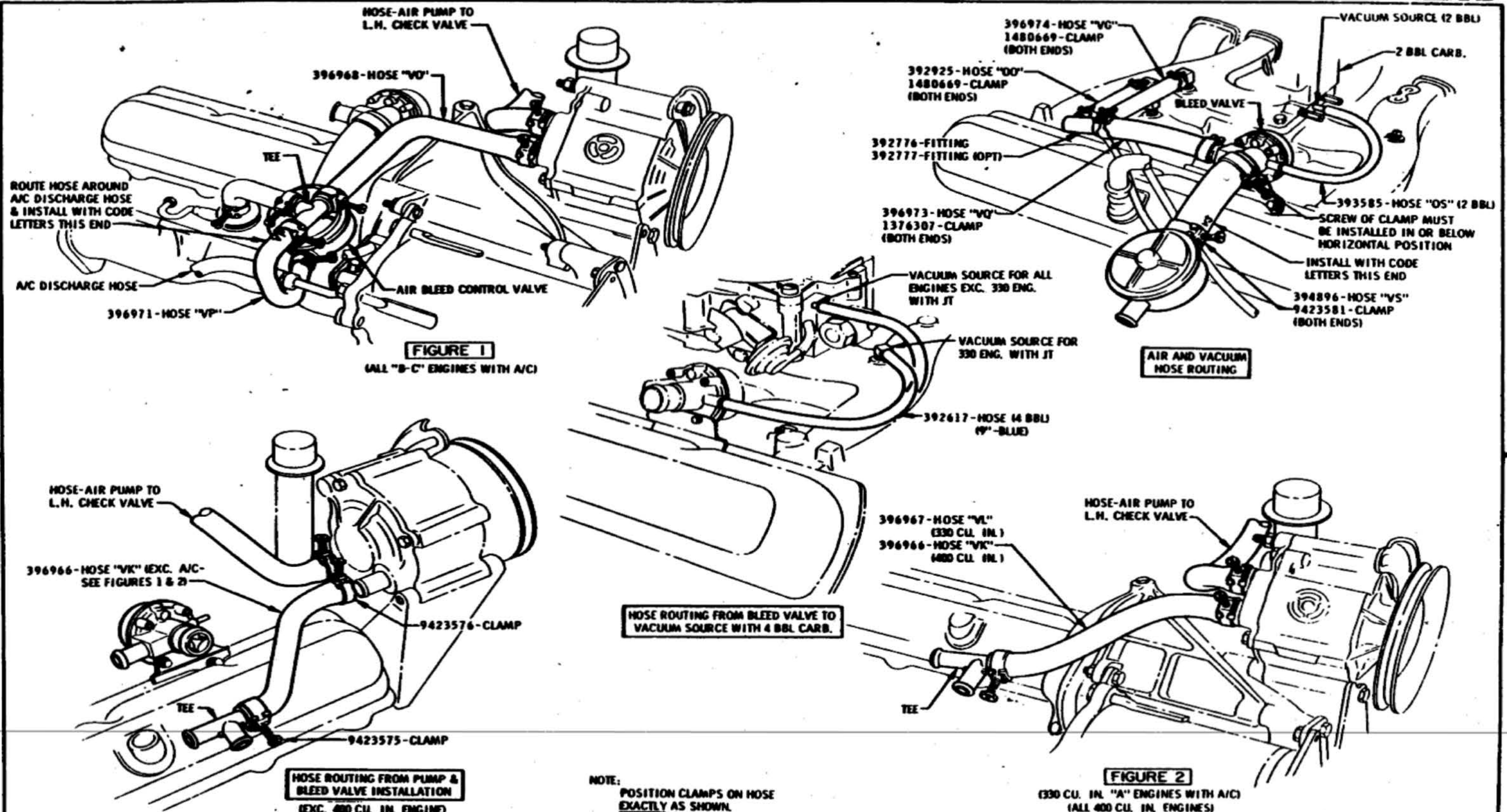
FIGURE 3
BLEED VALVE INSTALLATION (ALL 330 & 425 CU. IN. ENGINES) (400 CU. IN. ENGINES WITH 35K50)

BLEED VALVE INSTALLATION (400 CU. IN. ENGINE WITHOUT 35K50)

60 - 90 LB. IN.

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																A.I.R. SYSTEM	1967		6-1	4.03
					9-29-66	J	NAS 38806/2													
					9-29-66	H	NOTE ADDED													
					8-17-66	G	REVISED & REDRAWN													

SERIES **A B-C** PART NO **394435-6**



NOTE:
POSITION CLAMPS ON HOSE EXACTLY AS SHOWN.

TITLE										A.I.R. SYSTEM									
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																1967		6-1	4.04
													8-17-66 G REDRAWN & REVISED APPR. R. Smith DR. CK. APPR.			PART NO. A-B-C 394435-6			

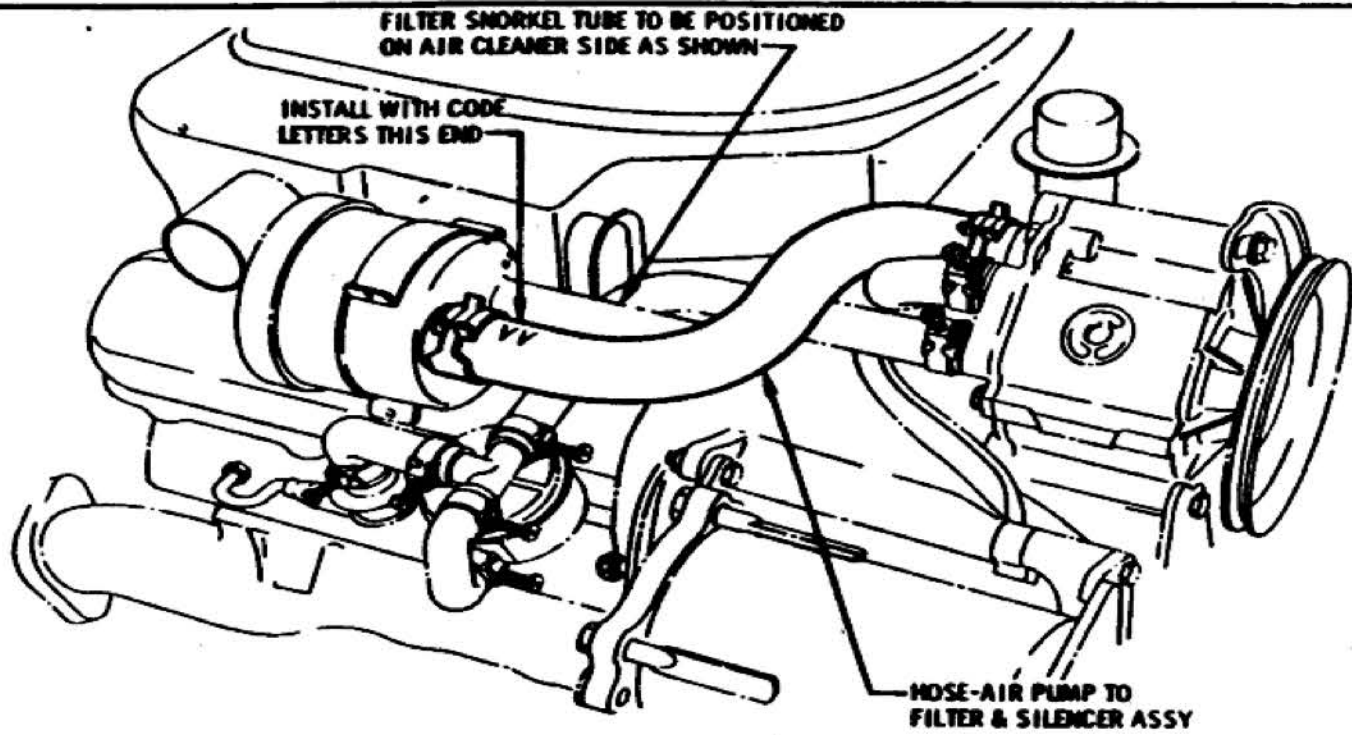


FIGURE 4

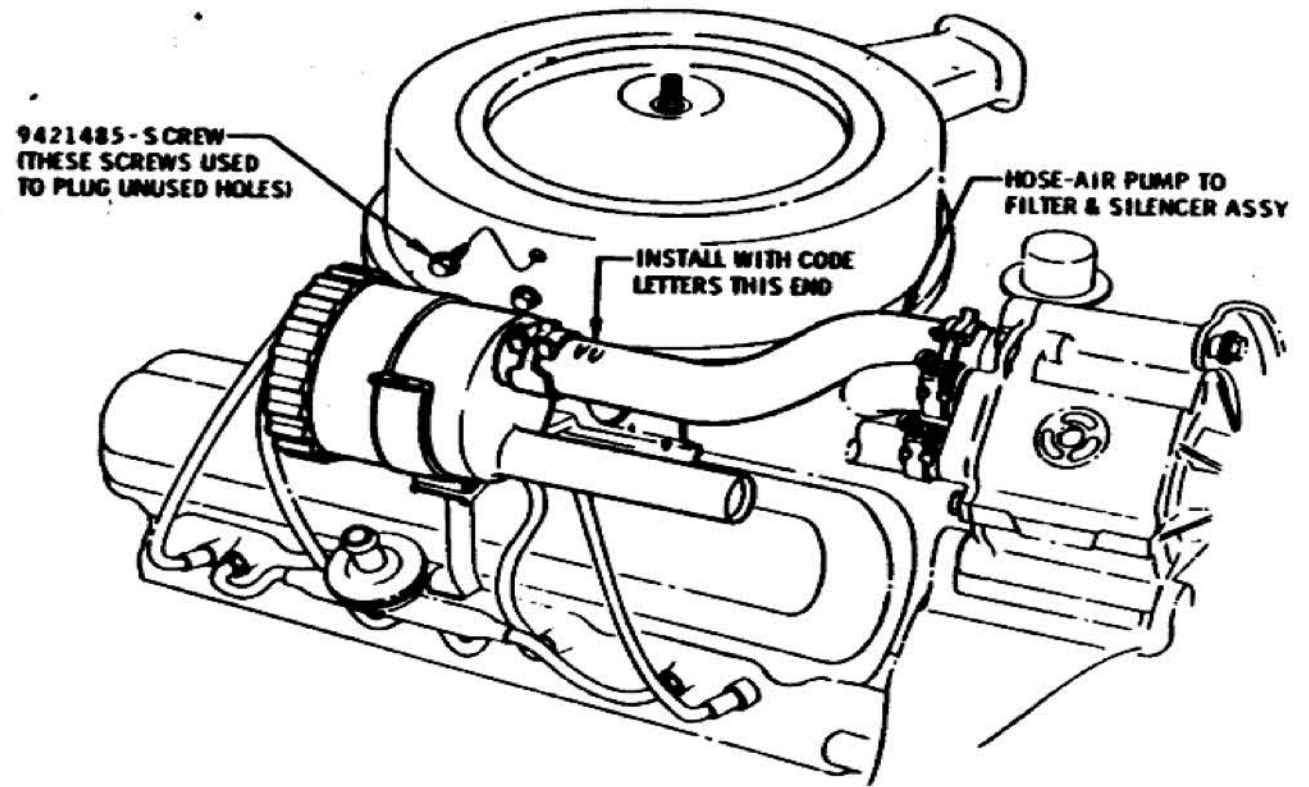


FIGURE 6

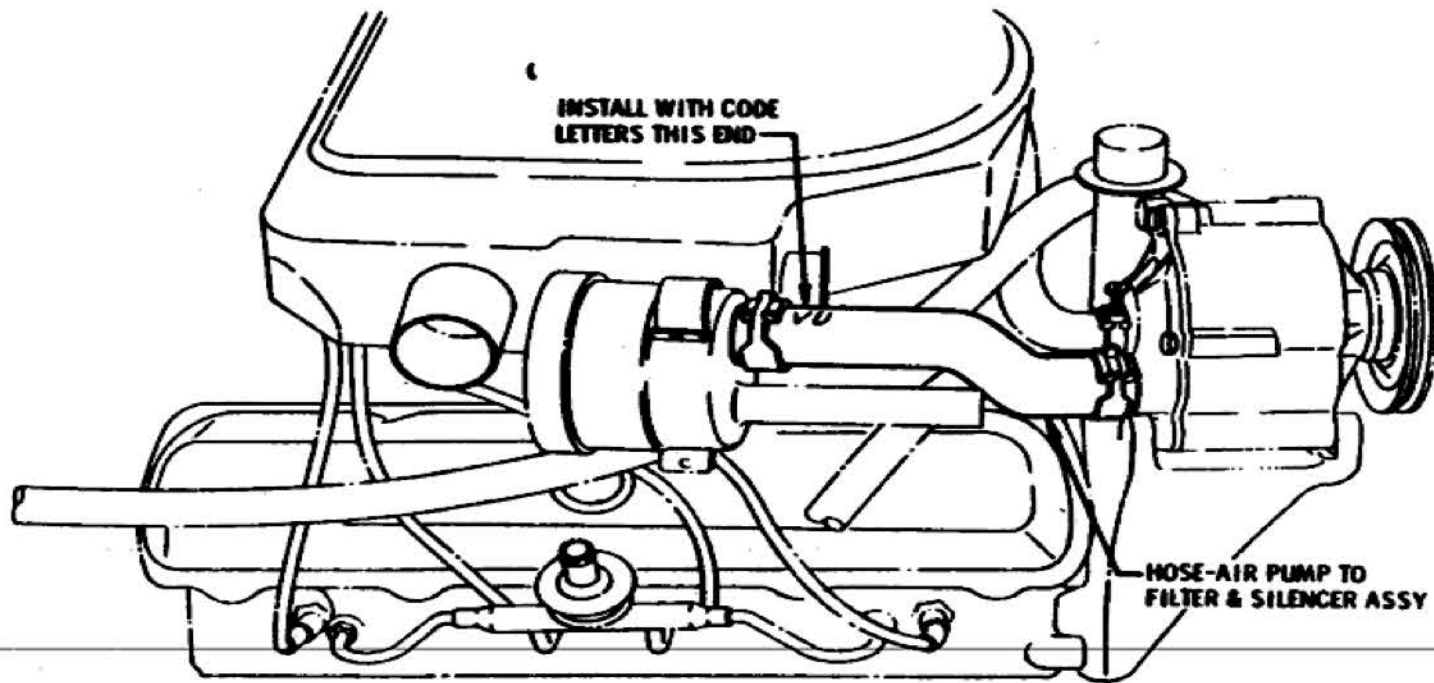


FIGURE 5

												TITLE		A. I. R. SYSTEM							
												DATE <i>AUGUST 17, 1966</i>		FIRST USED		OLDSMOBILE PRODUCT		MANUAL SECTION		PAGE	
												DR BY <i>H. R. MASON</i>		1967		INFORMATION MANUAL		6-1		4.06	
												CHECKED <i>[Signature]</i>									
												APPR <i>[Signature]</i>									
												APPR				SERIES		PART NO			
																A B-C		394435-6			
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	APPR.						

L6 ENGINE FINAL ASSEMBLY - SECTION 6-2

1.01	ENGINE IDENTIFICATION CHART
1.11	PULLEY AND BELT DATA CHART
1.21	PULLEY AND BELT DIAGRAM CHART
1.25	THROTTLE ADJUSTMENT CHART
1.26	VACUUM FITTINGS
1.31	ENGINE CONVERSION CHART
1.40	OIL PRESSURE UNIT, DIP STICK, STARTER AND GENERATOR
1.41	POWER STEERING PUMP AND BRACKET
1.42	CARBURETOR AND AIR CLEANER
1.43	PIPES, VENTILATION, OIL FILTER AND FUEL PUMP
1.44	IGNITION COIL AND CABLE
1.45	THROTTLE CONTROL
1.46	AUTOMATIC TRANSMISSION MODULATOR PIPES
1.50	POWER PLANT TO FRAME
2.00	FAN, PULLEY AND CLUTCH
2.01	AIR CONDITIONING COMPRESSOR AND BRACKETS
3.50	CRUISE CONTROL VACUUM SERVO
4.01	AIR INJECTION REACTOR AIR PUMP AND BRACKETS
4.02	A.I.R. AIR PIPE AND CHECK VALVE
4.03	A.I.R. AND CRANKCASE VENTILATION

(A)

DATE OF ISSUE 7-20-66

MANUAL NO. 394435

PAGE 0.01

3123-470
115

PART NUMBER	UPC CODE	PRODUCTION CODE	TRANSMISSION		SPECIAL ACCESSORIES	
			SYNCHROMESH	AUTOMATIC	C60 / Y76	K19
396490	6	VA	X			
396491	C60	VB	X		X	
396492	K19	VC	X			X
396493	K19	VD	X		X	X
396494	M31	VE		X		
396495	C60	VF		X	X	
396496	K19	VG		X		X
396497	K19	VH		X	X	X
* 396498	L90	VJ	X			
* 396499	L90	VK		X		

* EXPORT

PRODUCTION CODE LETTER TAG
WILL BE APPLIED BY VENDOR

250 CUBIC IN. 6-9 ENGINE ASSEMBLIES

SHEET 2

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	SERIES	PART NO	
																CHART-ENGINE IDENTIFICATION	1967		6-2	1.01	A	396489	

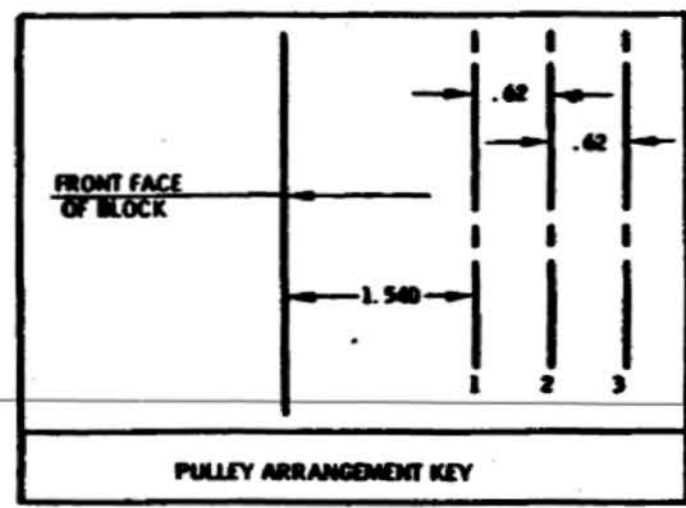
SIGLE A Y76 ADDED

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

© GENERAL MOTORS

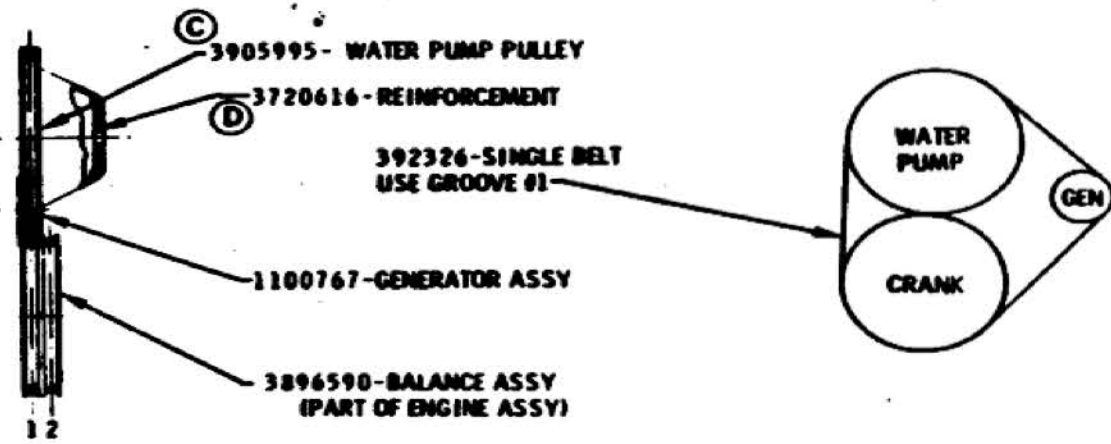
(D) 1967 PRODUCTION DRIVE RATIOS			(D) 1967 PRODUCTION PULLEYS						(D) 1967 PRODUCTION DRIVE BELTS		
PULLEY	RATIO	USAGE	CODE	PART NO.	DESCRIPTION	P. D.	O. D.	NO. OF GROOVES	CODE	PART NO.	BELT LENGTH
CRANK FAN	$\frac{6.64}{7.85} = .948$ TO 1	NON AIR CONDITIONING	*	3896591	FAN DRIVE	7.18	7.28	2	MA	392326	38.86
CRANK FAN	$\frac{7.18}{8.79} = 1.160$ TO 1	AIR CONDITIONING	*	3896590	FAN DRIVE	6.64	6.72	2	MB	392590	54.20
CRANK GENERATOR	$\frac{6.64}{2.50} = 2.656$ TO 1	NON AIR CONDITIONING	BV	3876872	FAN DRIVE	7.18	7.30	1	MC	392327	38.64
CRANK GENERATOR	$\frac{7.18}{2.50} = 2.872$ TO 1	AIR CONDITIONING	CT	3890419	FAN & WATER PUMP	6.19	6.31	2	LS	391209	48.75
CRANK POWER STEERING	$\frac{6.64}{5.60} = 1.186$ TO 1	NON AIR CONDITIONING	(F) CF	3905995 (E)	FAN & WATER PUMP	7.00	7.12	1	WB	384564B	49.50
CRANK POWER STEERING	$\frac{7.18}{5.60} = 1.282$ TO 1	AIR CONDITIONING	CH	3900434	FAN & WATER PUMP	7.00	7.12	2	XO	3880802	30.00
CRANK AIR PUMP	$\frac{6.64}{5.31} \times \frac{5.60}{5.31} = 1.319$ TO 1	NON AIR CONDITIONING	CI	3791943	POWER STEERING	5.60	5.71	1	MD	392333	31.14
CRANK AIR PUMP	$\frac{7.18}{5.31} \times \frac{5.60}{5.31} = 1.426$ TO 1	AIR CONDITIONING	DO	3880846	POWER STEERING	5.60	5.71	2	LB	382616	49.62
CRANK A/C COMPRESSOR	$\frac{7.18}{5.60} = 1.456$ TO 1	AIR CONDITIONING		3880800	AIR PUMP	5.31	5.43	1			
			* PART OF ENGINE ASSEMBLY								

(D) 1967 PRODUCTION GENERATORS					
CODE	PART NO.	AMPS	PULLEY		
			NO. OF GROOVES	P. D.	O. D.
AG	1100767	37	1	2.50	2.62
VB	1100762	37	2	2.50	2.62
AB	1100733	95	1	2.50	2.62
AD	1100752	95	2 (1.34 SPAC)	2.50	2.62
AA	1100730	95	2 (1.70 SPAC)	2.50	2.62

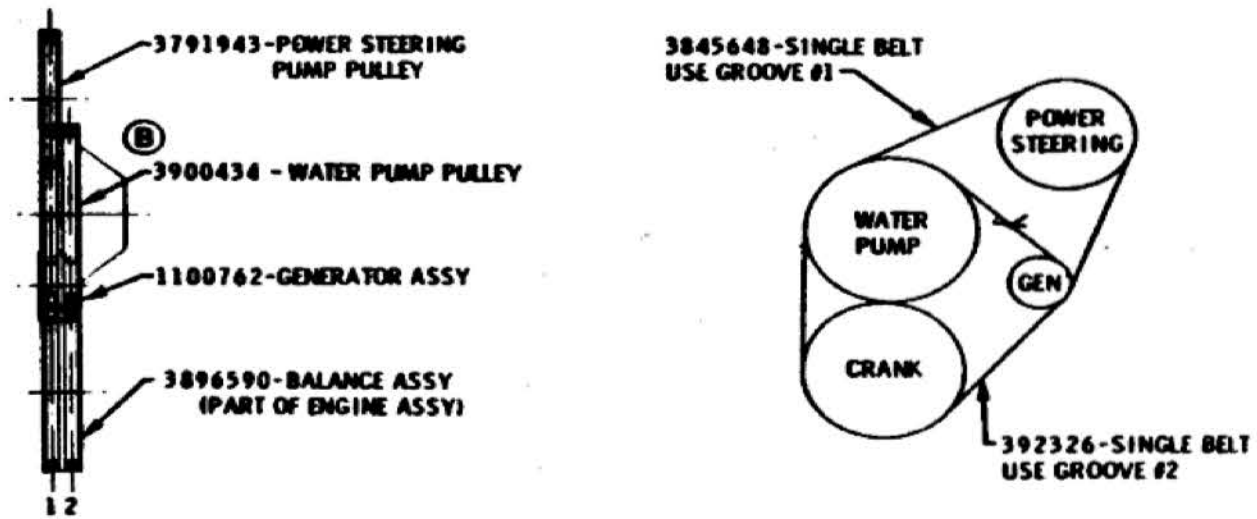


250 CUBIC INCH L-6 SHEET 2

CHART - PULLEY & BELT DATA										
7-666 E WAS 3700472	SA	TITLE	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE				
6-27-66 D 1967 WAS 1866	SA	DATE FEB 28, 1966			6-2	111				
6-26-66 C LINE REVISED	SA	DR BY DON WALKIN								
6-16-66 B WAS 3790356	SA	CHECKER I. N. RAMES								
4-5-66 A MANUAL SECTION REV.	CB	APPR.					SERIES	PART NO.		
							A	396690		
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE

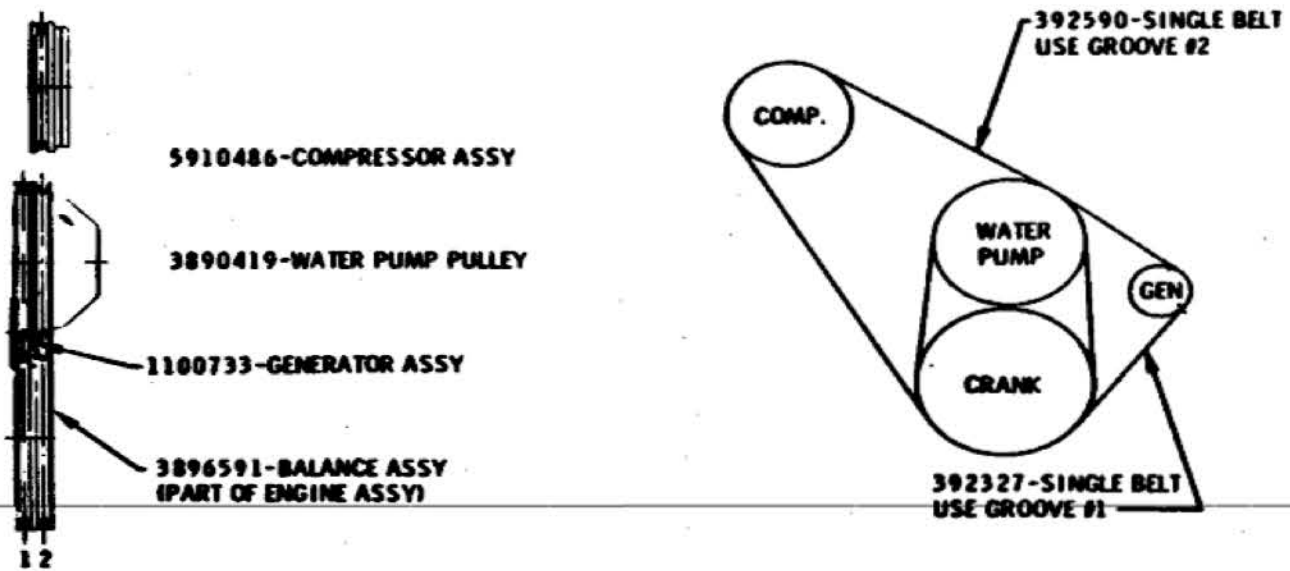


STANDARD

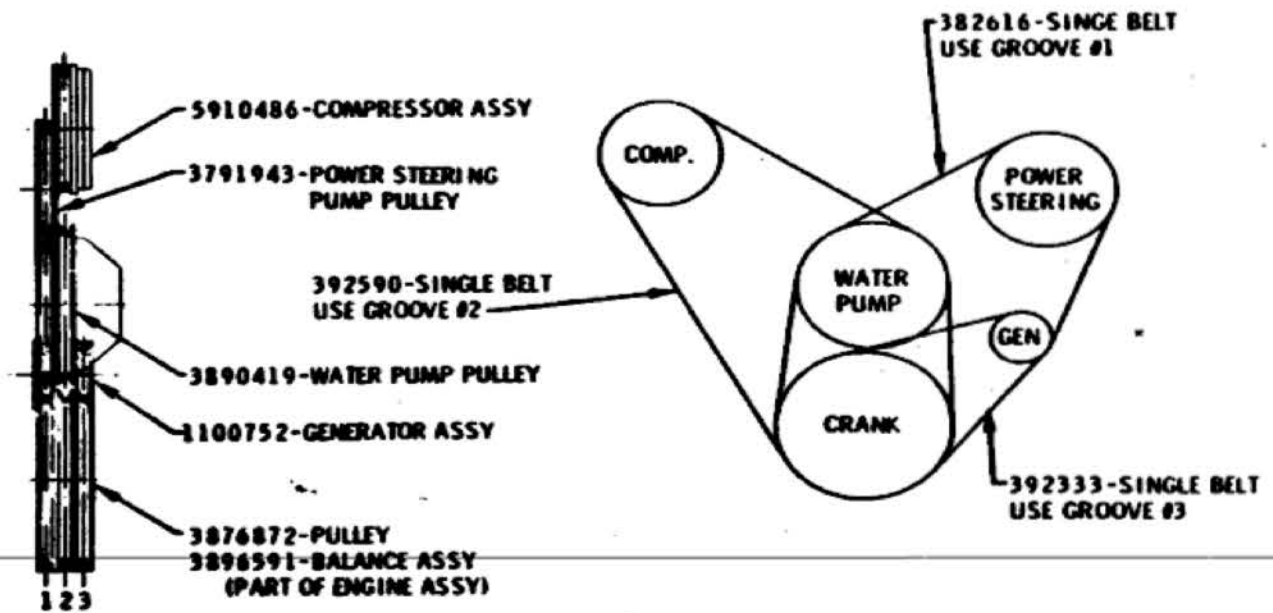


POWER STEERING

FOR ADDITIONAL PULLEY & BELT DRIVE INFORMATION, SEE PULLEY & BELT DATA CHART 396690



AIR CONDITIONING



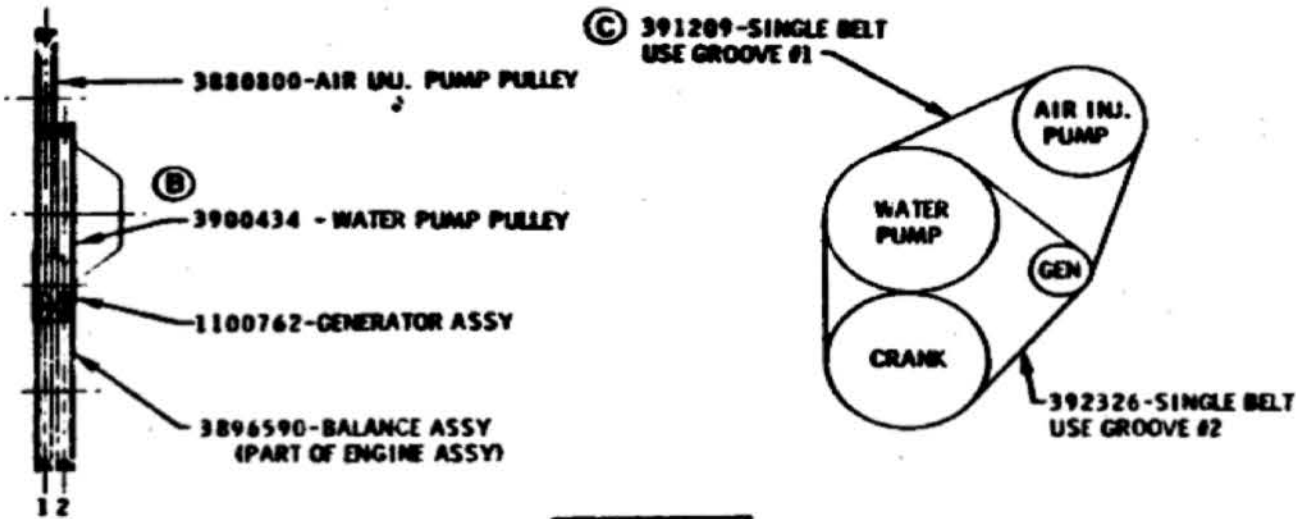
POWER STEERING WITH AIR CONDITIONING

ENGINE - 250 CU. IN. I6
COLOR - GOLD

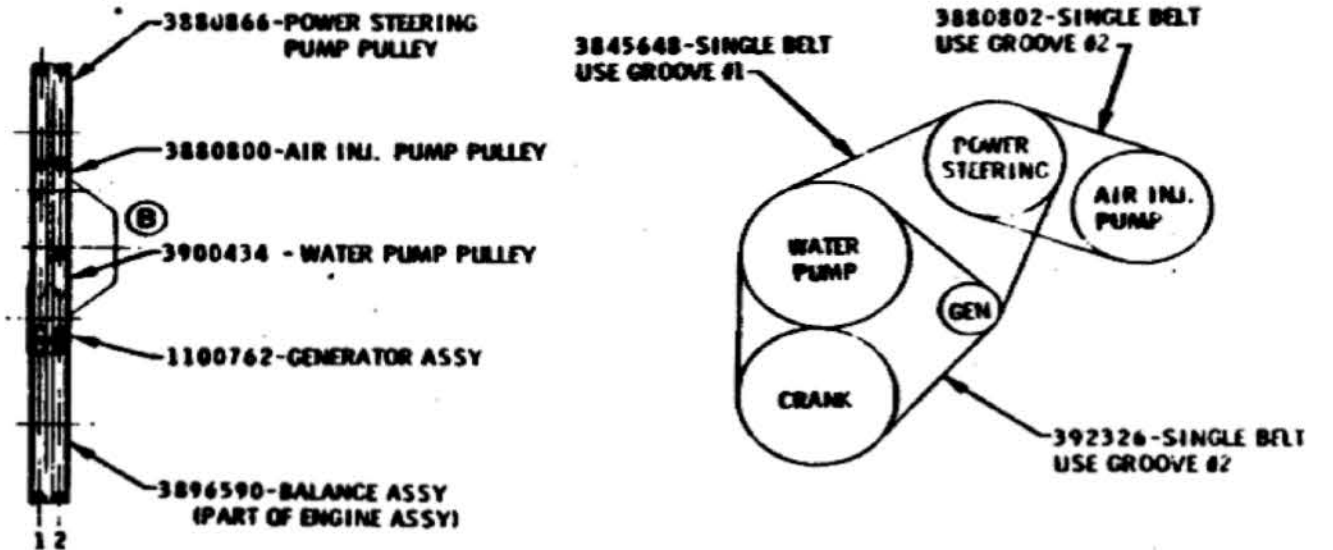
SHEET 7

REVISIONS				TITLE				FIRST USED		MANUAL SECTION		PAGE	
3-3-67	D	3720616 ADDED		CHART - PULLEY & BELT DIAGRAM				1967		6-2	1.21		
7-8-66	C	WAS 3788472		DATE MARCH 6, 1966									
6-1-66	B	WAS 3790356		OR BY BARRY PARKER									
	A	ANNUAL SECTION REV.		CHECKED BY [Signature]									

SERIES **A** PART NO **396737**

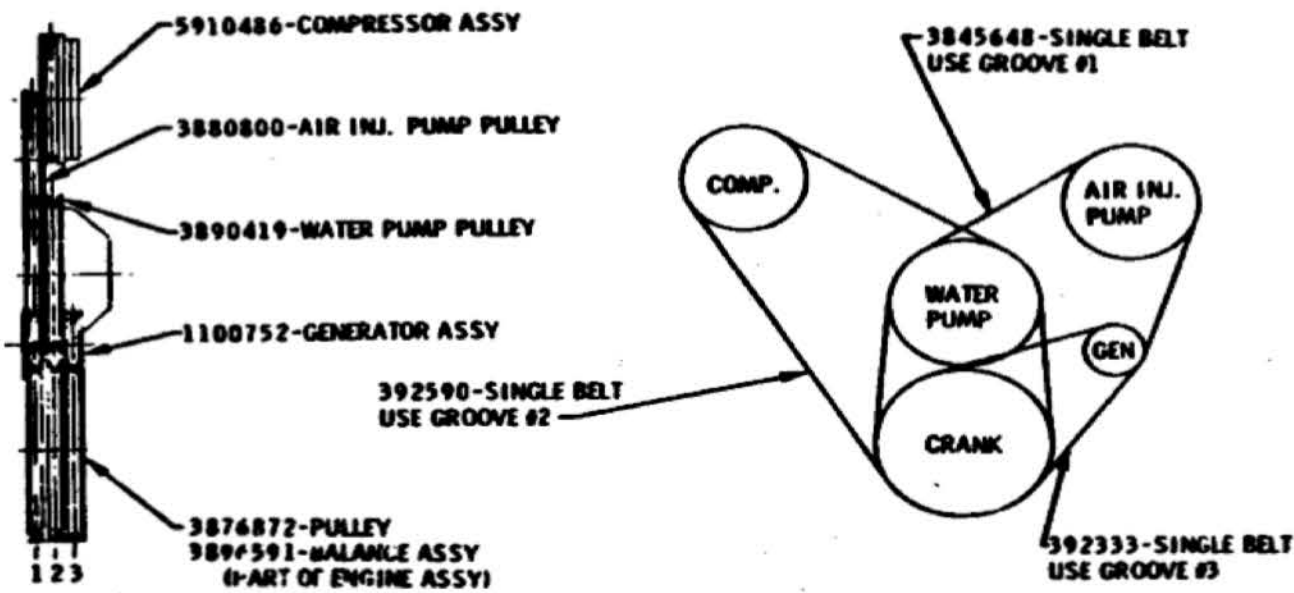


STANDARD WITH AIR INJ. PUMP

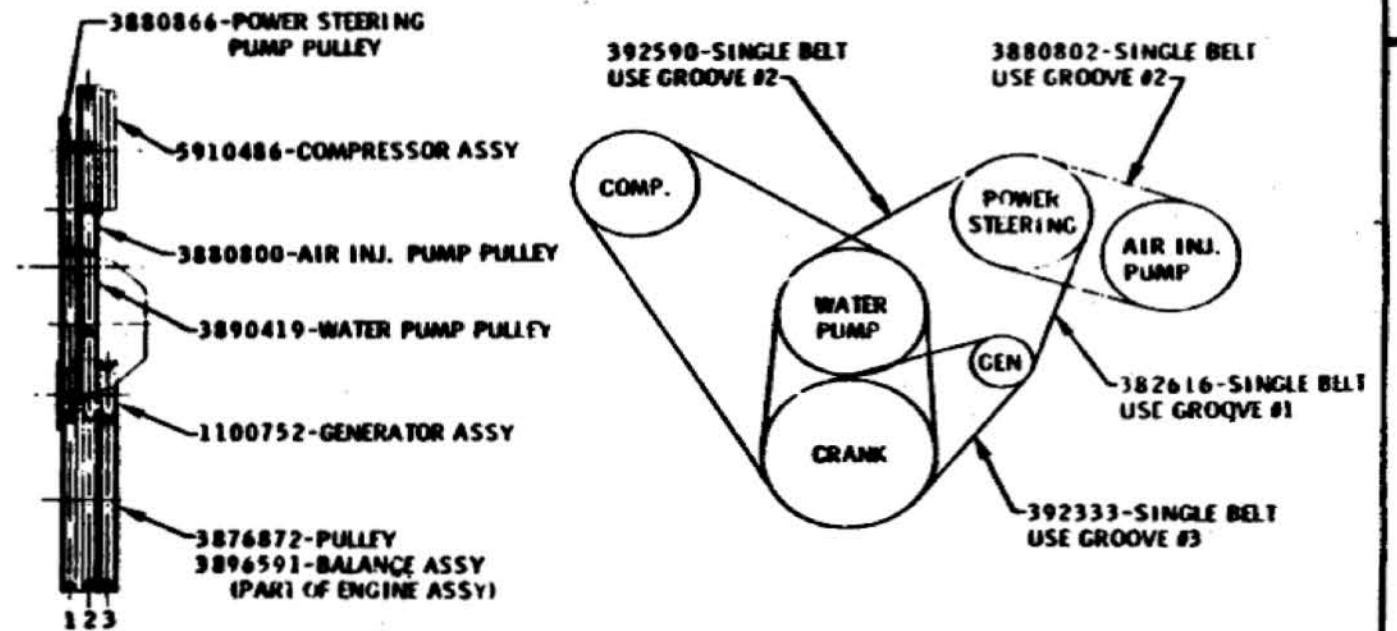


POWER STEERING WITH AIR INJ. PUMP

FOR ADDITIONAL PULLEY & BELT DRIVE INFORMATION, SEE PULLEY & BELT DATA CHART 396690



AIR CONDITIONING WITH AIR INJ. PUMP



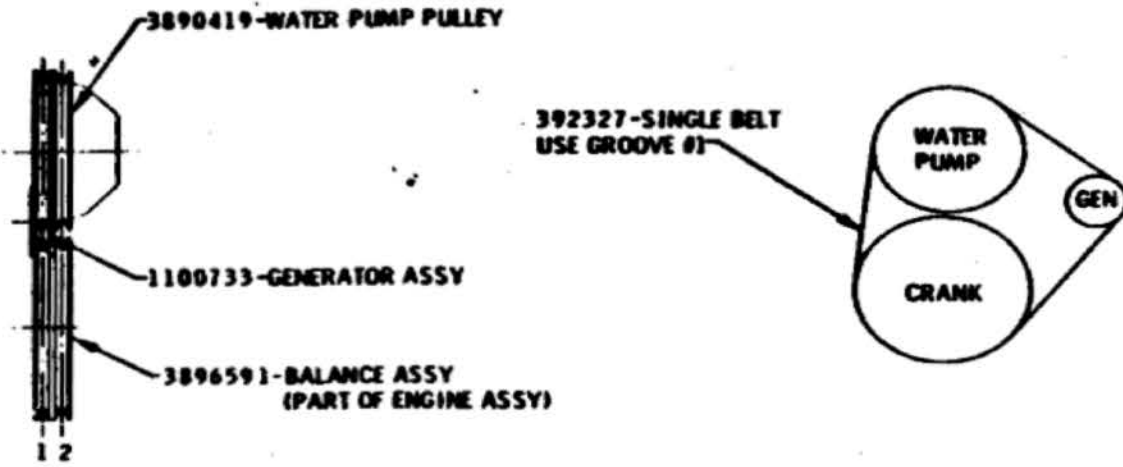
AIR CONDITIONING AND POWER STEERING WITH AIR INJ. PUMP

ENGINE-250 CU. IN. L6
COLOR-GOLD SHEET 6

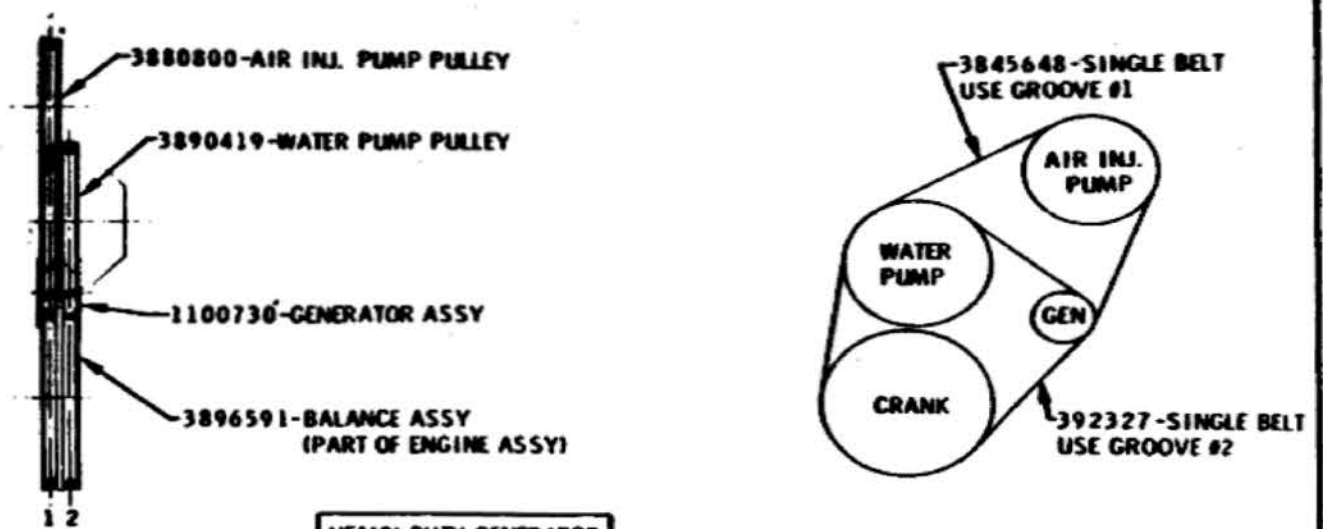
TITLE												ENGINE-250 CU. IN. L6				
PULLEY & BELT DIAGRAM												SHEET 6				
DATE	BY	REVISION	LA. C.	DATE	BY	REVISION	DR. CK.	DATE	BY	REVISION	DR. CK.	APPR.	YEAR	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
													1967		6-2	1.22
SERIES A												PART NO. 396737				

OLDSMOBILE DIVISION

GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

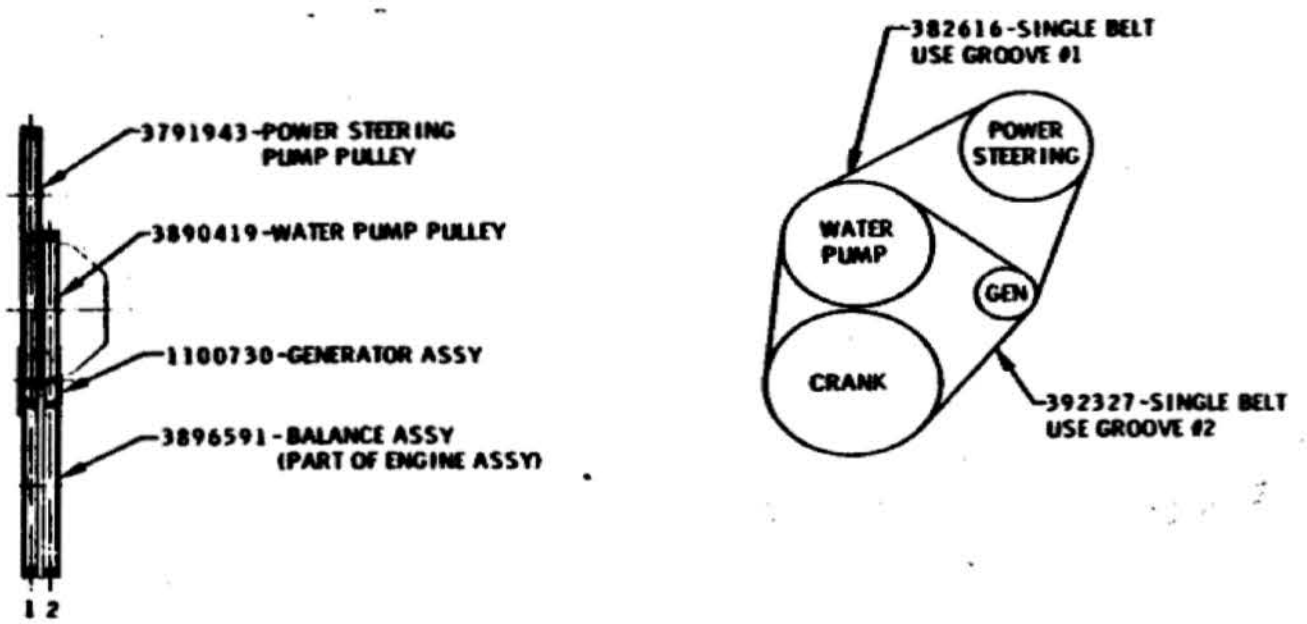


HEAVY DUTY GENERATOR
AND ENGINE COOLING

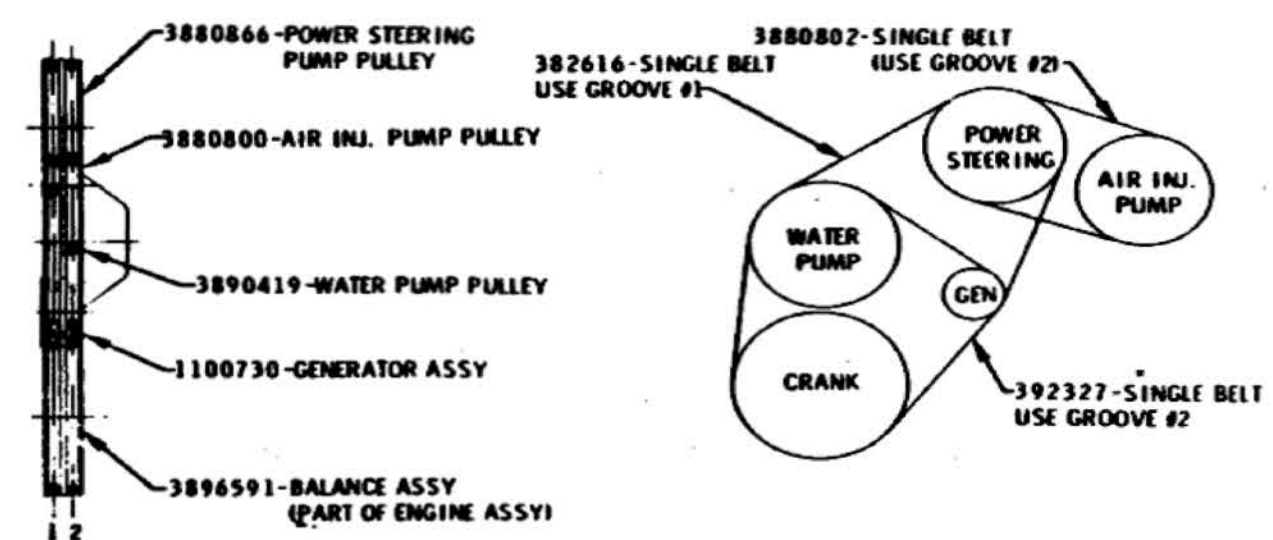


HEAVY DUTY GENERATOR
AND ENGINE COOLING
WITH AIR INJ. PUMP

FOR ADDITIONAL PULLEY & BELT
DRIVE INFORMATION, SEE
PULLEY & BELT DATA CHART 396690



HEAVY DUTY GENERATOR
AND ENGINE COOLING
WITH POWER STEERING



HEAVY DUTY GENERATOR
AND ENGINE COOLING
WITH POWER STEERING
AND AIR INJ. PUMP

ENGINE - 250 CU. IN. I6
COLOR - GOLD

SHEET 9

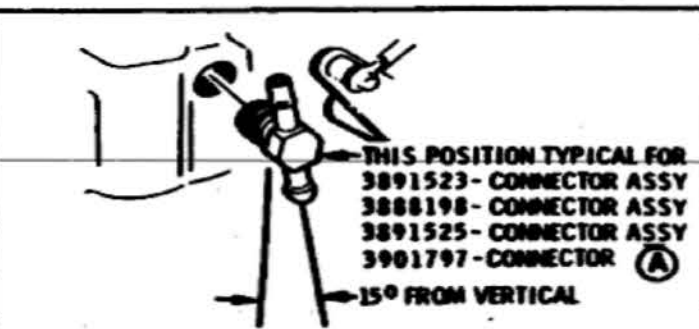
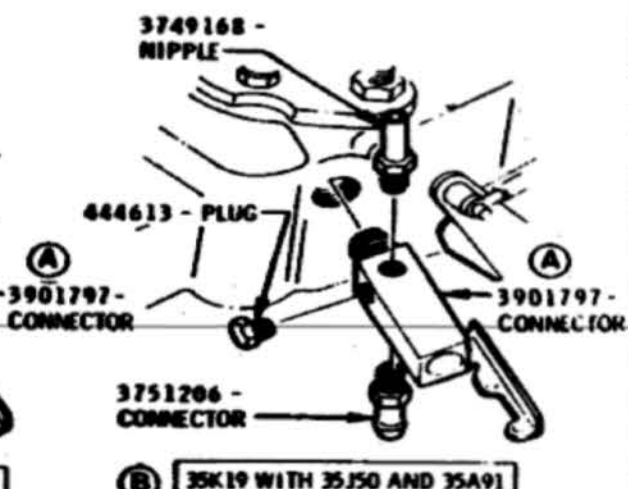
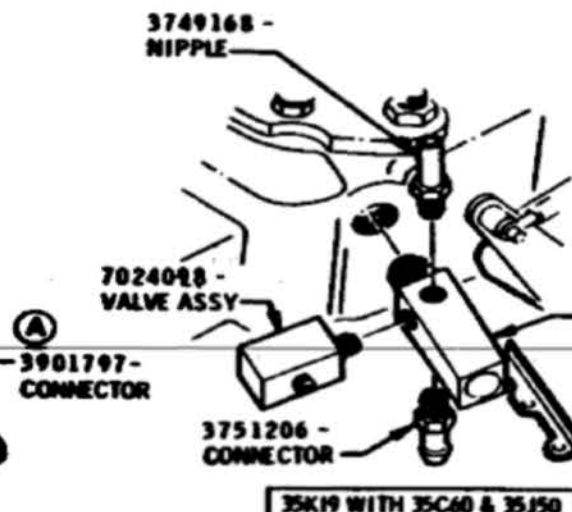
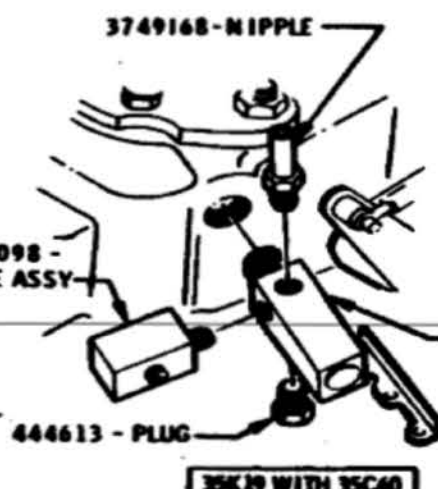
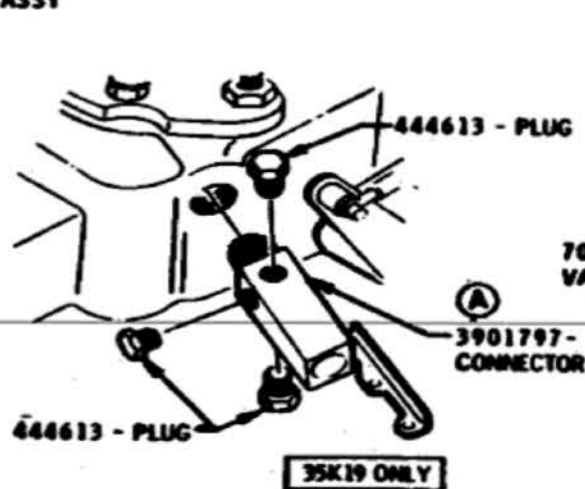
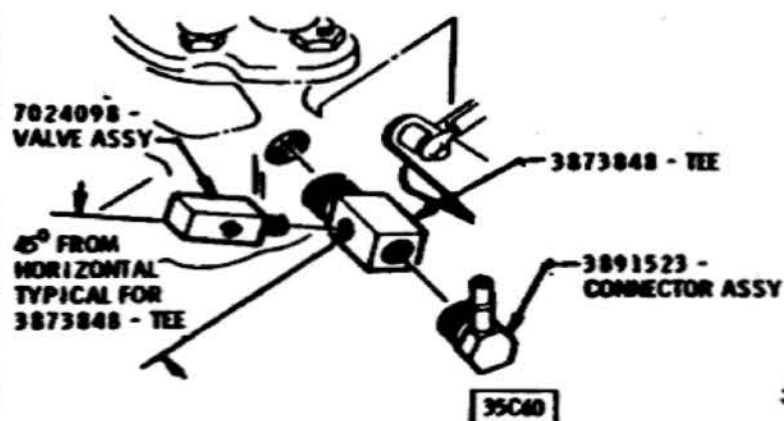
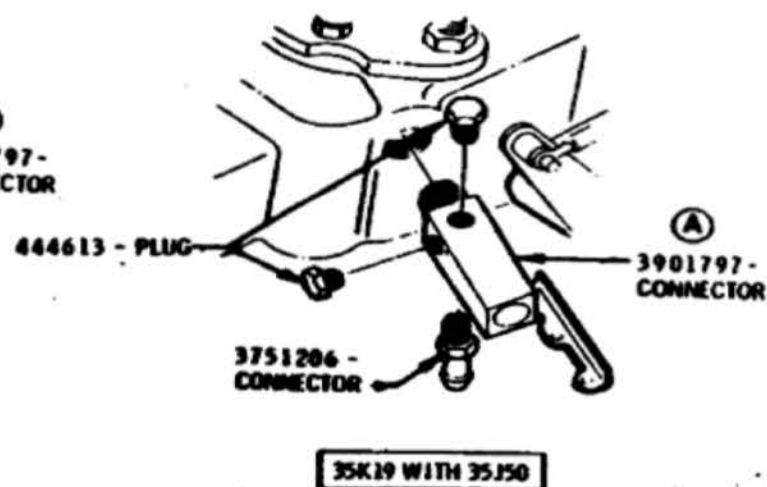
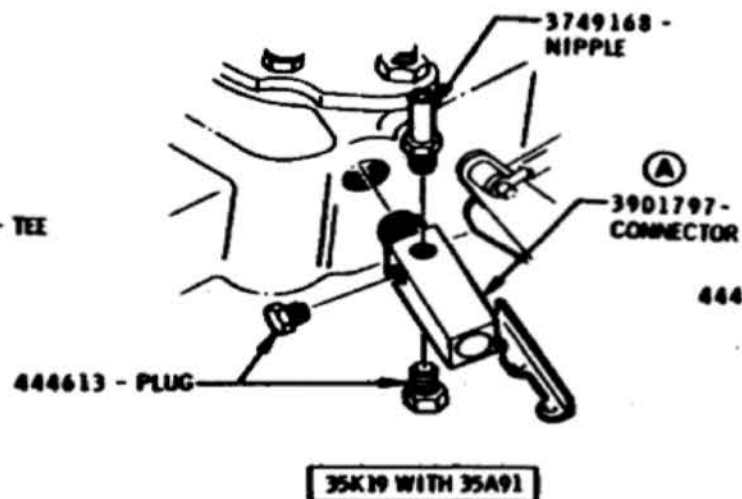
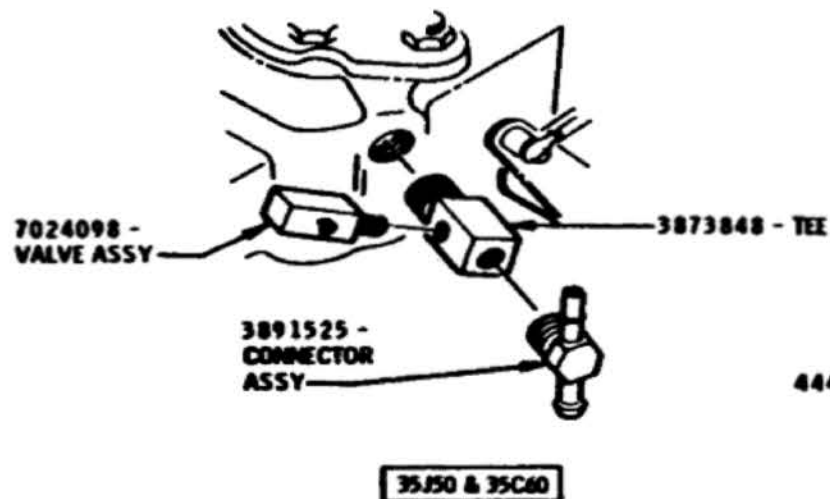
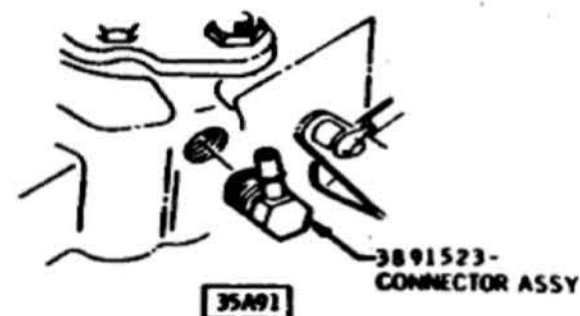
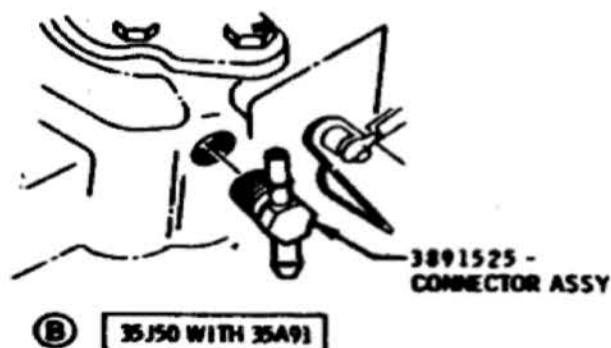
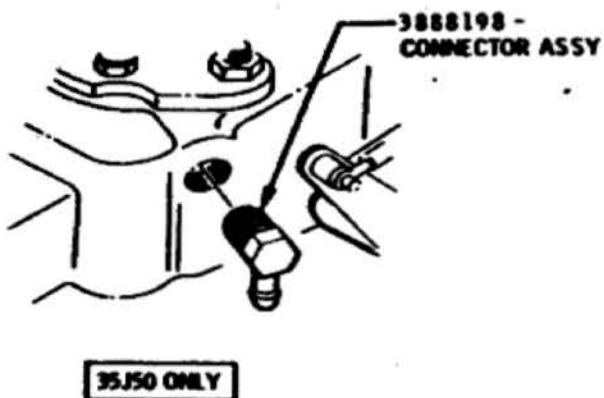
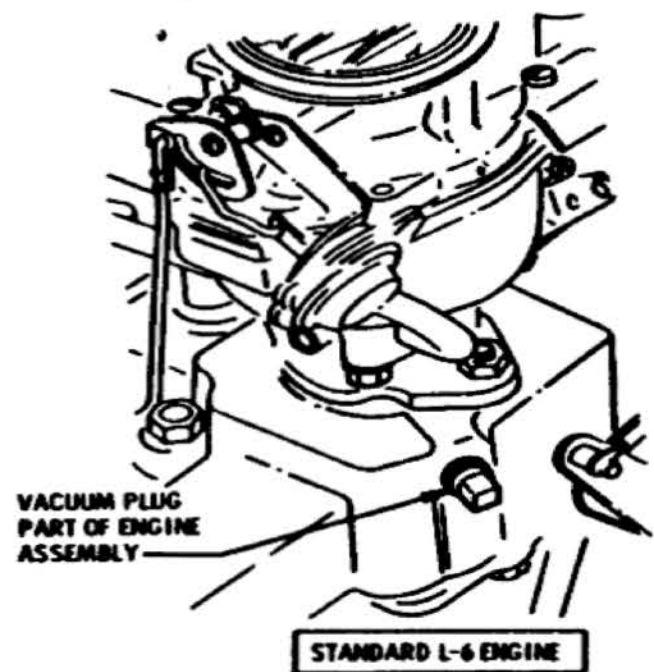
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<p>TITLE: CHART - PULLEY & BELT DIAGRAM</p> <p>DATE: MARCH 7, 1966 DR BY: DON MALKIN CHECKED BY: [Signature]</p> <p>FIRST USED: 1967</p> <p>OLDSMOBILE PRODUCT INFORMATION MANUAL</p> <p>MANUAL SECTION: 6-2</p> <p>PAGE: 1.23</p> <p>SERIES: A</p> <p>PART NO: 396737</p>															

- SLOW IDLE ADJUSTMENT SM & JT CARS**
- A. REQUIRED CONDITIONS**
- ENGINE TO BE WARM.
 - THROTTLE RETURN SPRING TO BE EFFECTIVELY HOLDING THROTTLE LEVER AGAINST SLOW IDLE ADJUSTING SCREW STOP.
- B. ADJUSTMENT**
- ADJUST THE SLOW IDLE SCREW TO OBTAIN THE FOLLOWING R. P. M.

TRANS.	AIR COND.	A. I. R.	RANGE	R. P. M. ^(C)
SM	WITHOUT	WITHOUT	N	500
SM	WITH	WITHOUT	N	580 *
SM	WITH	WITH	N	700 **
SM	WITHOUT	WITH	N	700
JT	WITHOUT	WITHOUT	DR	500
JT	WITH	WITHOUT	DR	580 *
JT	WITHOUT	WITH	DR	500
JT	WITH	WITH	DR	580 * ^(A)

^(D) * A/C ON
**A/C OFF

												250 CUBIC IN. L-6	SHEET 2			
												CHART - THROTTLE ADJUSTMENT				
												DATE MARCH 18, 1966	FIRST USED	MANUAL SECTION	PAGE	
												DR. W. L. DON MALKIN	1967	OLDSMOBILE PRODUCT	6-2	1.25
												CHECKED H. J. ...		INFORMATION MANUAL		
												DATE 4-28-66	SERIES	PART NO.	396998	
												A				



TITLE										L6 VACUUM FITTINGS					
DATE APRIL 5, 1966										FIRST USED	1967		OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
5-23-66 B, USAGE REVISED										CHECKED	M. J. DOWD	APR. 5, 1966	SERIES	PART NO.	
5-23-66 A, WAS 3885025 CONV ASSY										DR.	CL.	APPR.	A	394435	

**1967 250 CUBIC INCH (L-6) ENGINE ASSEMBLIES
CONVERSION PROCEDURES**

DELETE K19 BY THE FOLLOWING		
ITEM	REMOVE	INSTALL
PLUG, CYLINDER HEAD (6)	--	3000330

DELETE K20 BY THE FOLLOWING		
ITEM	REMOVE	INSTALL
PLUG, VALVE COVER	--	3000337

EXPORT ONLY CONVERT TO 35C60 BY THE FOLLOWING		
ITEM	REMOVE	INSTALL
DAMPER - CRANKSHAFT TORSIONAL	3876722 (SCRAP)	3876726

SHEET 2

										TITLE CHART-ENGINE CONVERSION									
										DATE <i>MARCH 15 1966</i>		FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 6-2		PAGE 1.31	
										DR <i>DIXON MALKIN</i>									
										CHECKED <i>J. N. GAMES</i>									
										<i>51266 A</i>		SERIES A		PART NO. 396954					
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK

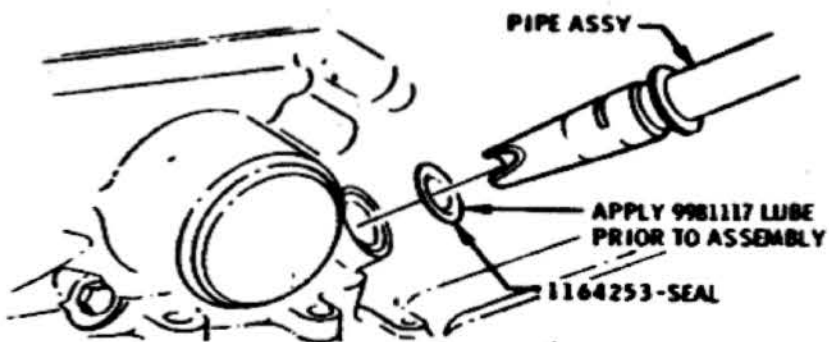
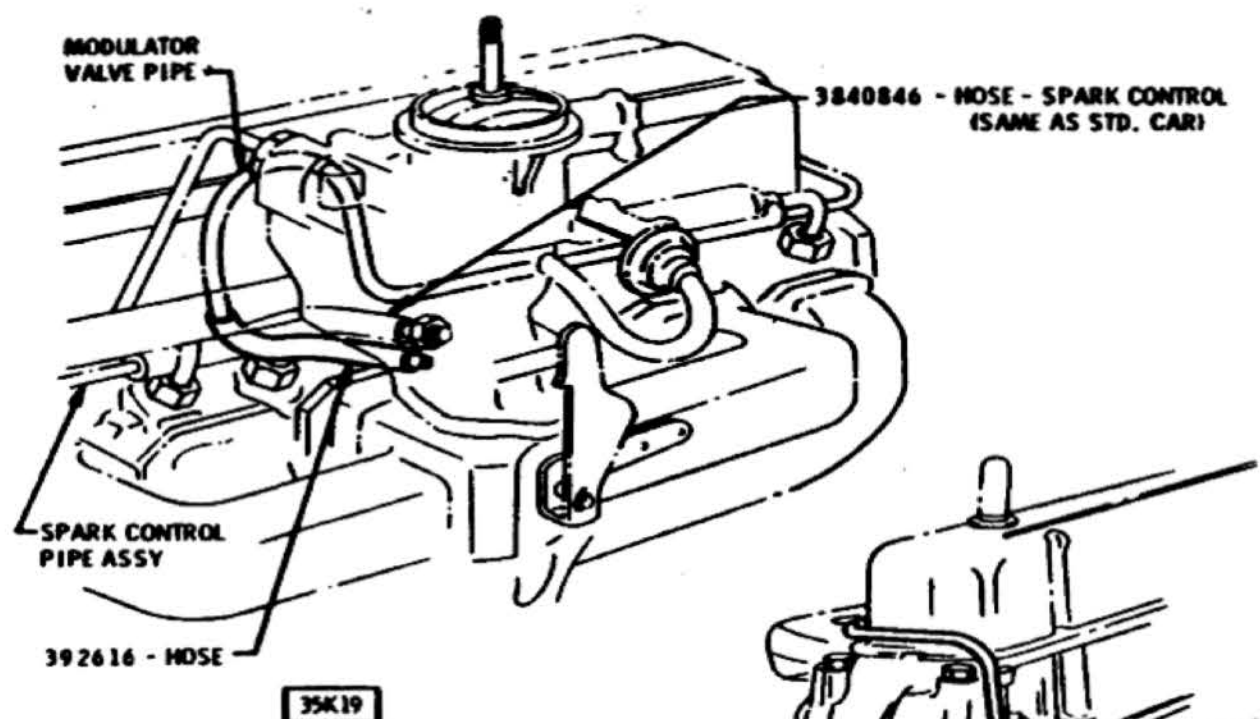


FIGURE 2

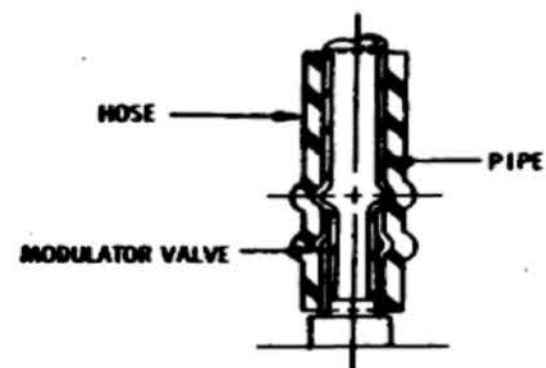
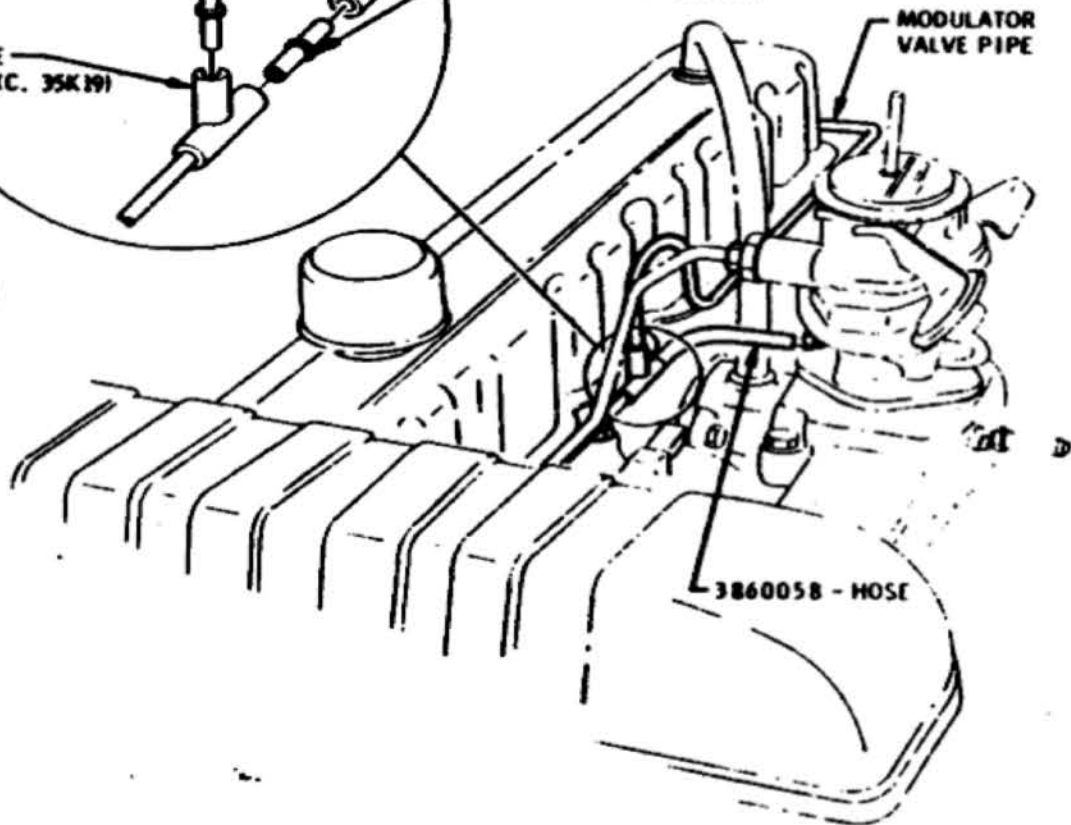
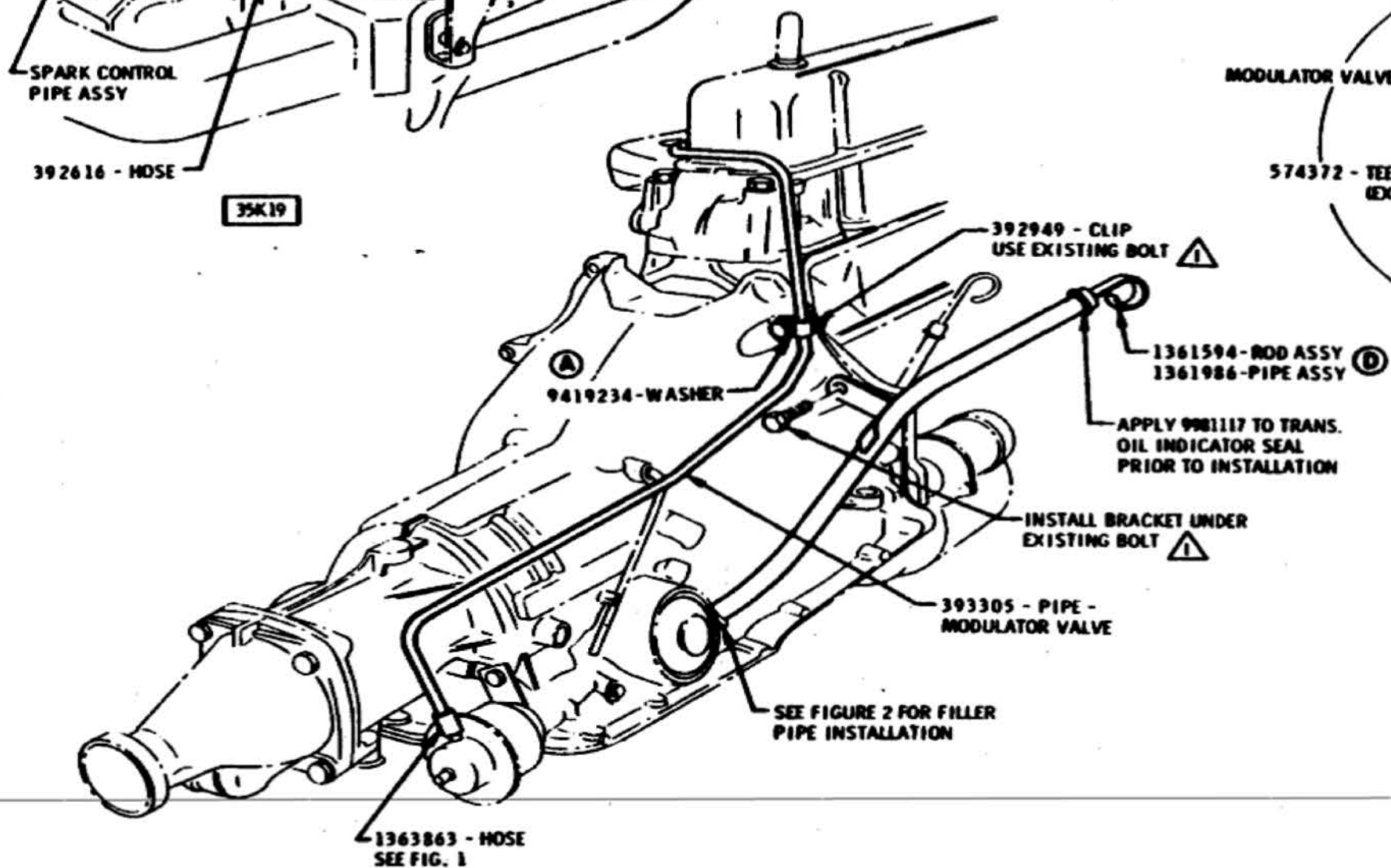
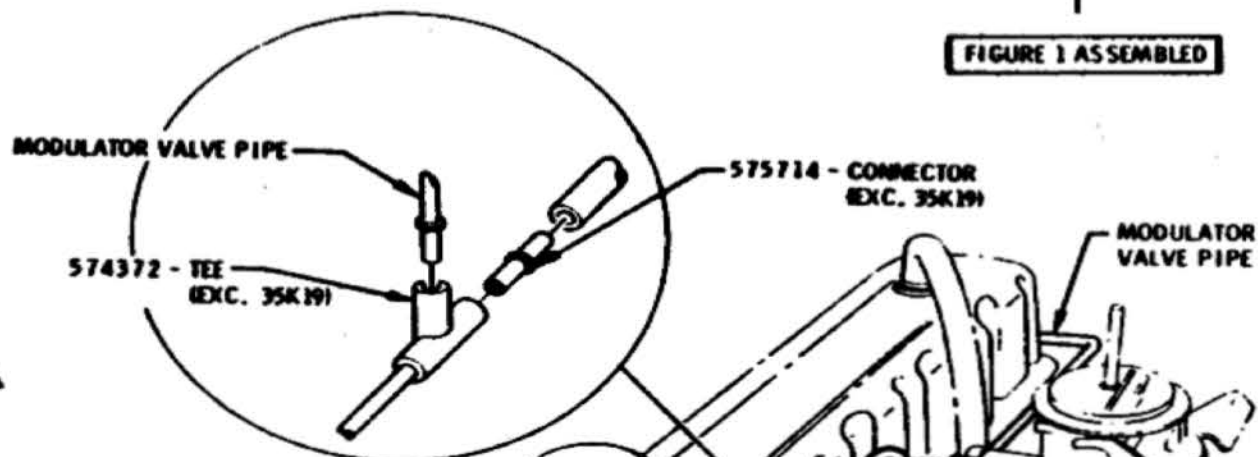
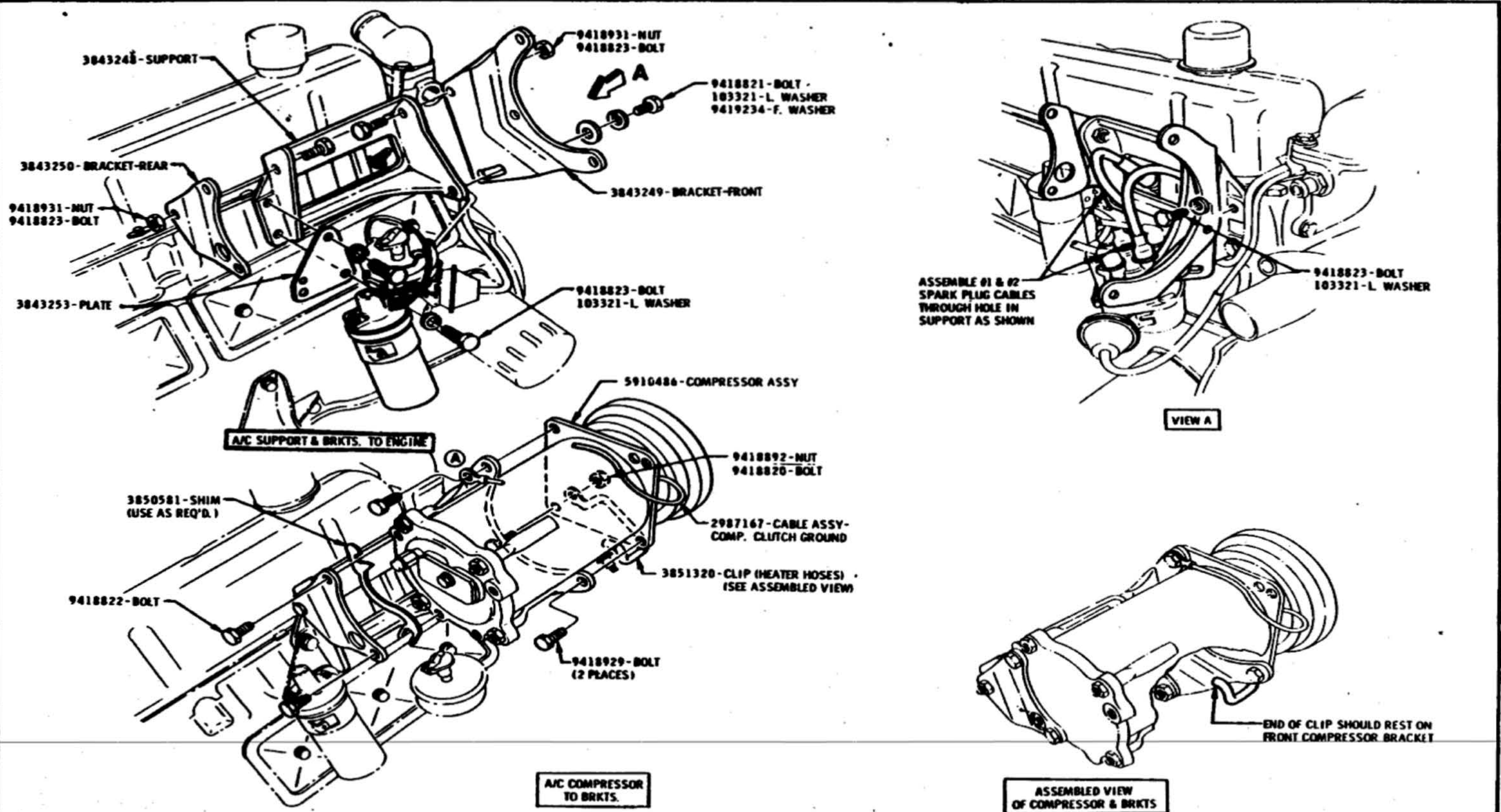


FIGURE 1 ASSEMBLED

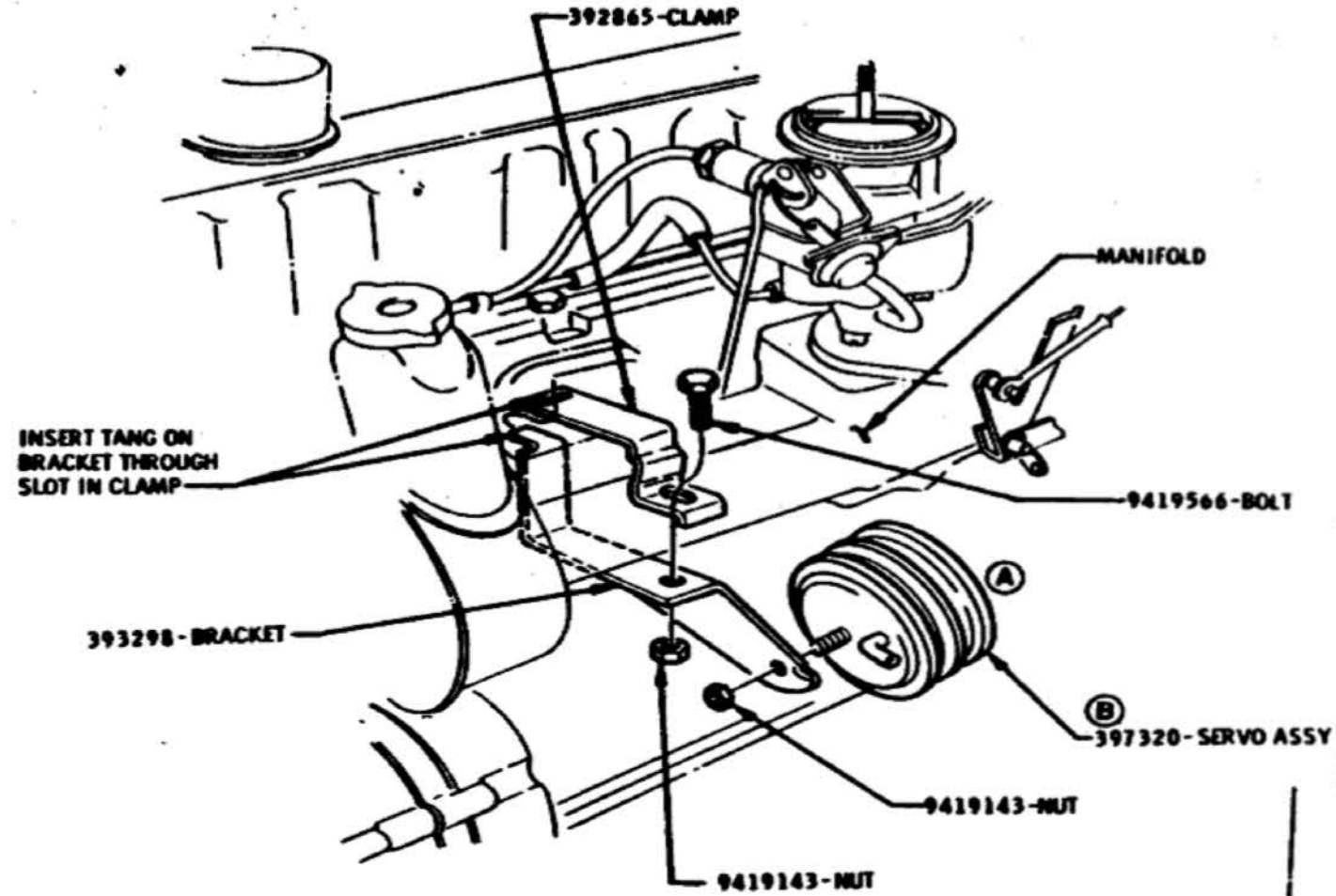


30 - 45 LB. FT

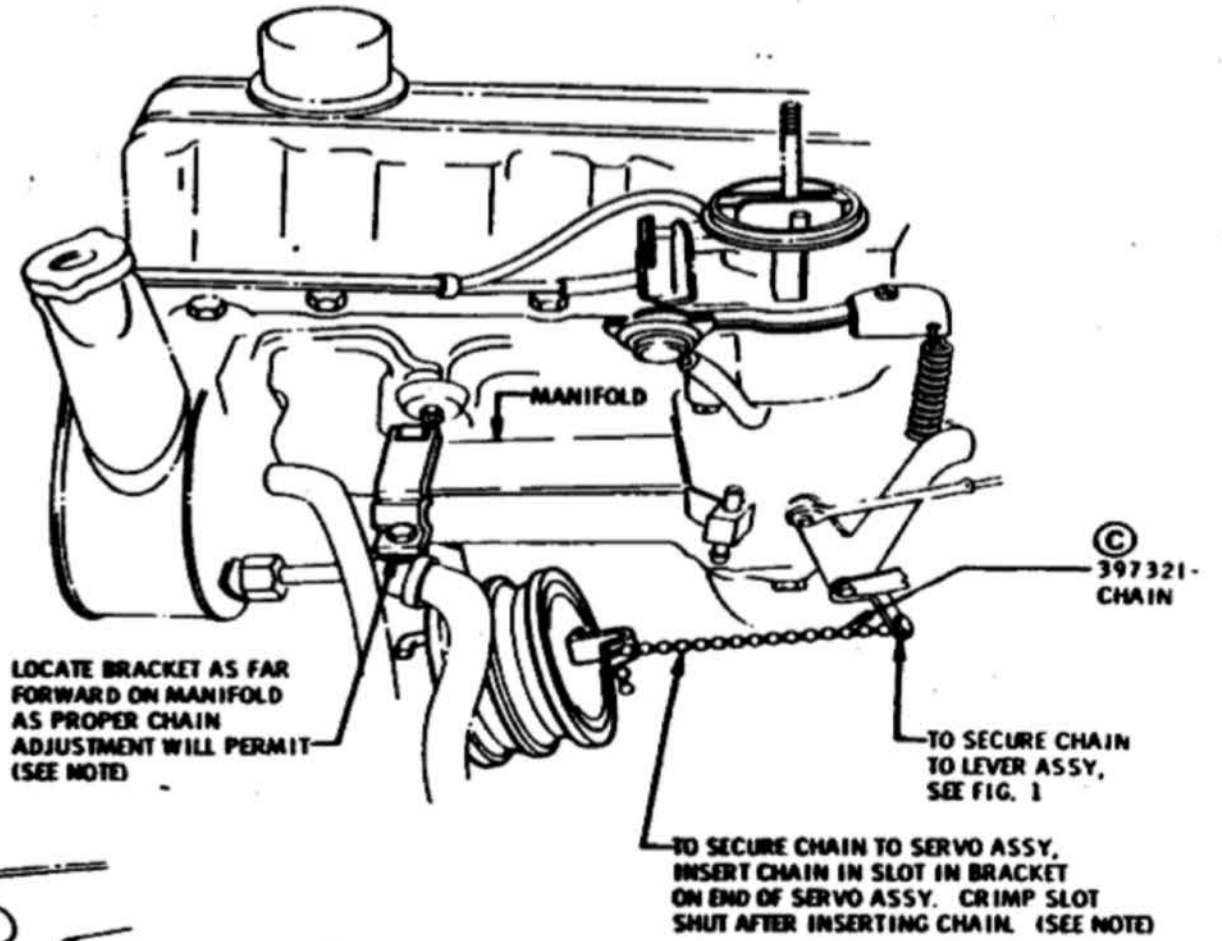
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																DATE APRIL 5, 1966	1967		6-2	1.46
																CHECKED BY <i>P. J. HILLESY</i>				
																MPR. <i>R. J. B. POSE</i>				
																	NO. 35M31 (108C)	SERIES A	PART NO. 394435	
																	TR-5928			



TITLE										A/C COMPRESSOR & BRACKETS	
DATE										FEBRUARY 8, 1966	
DR. BY										MASON	
CHECKED										Mason	
APPR.										2/2/66	
DATE										1967	
SYMBOL										A	
REVISION										6-66 A GROUND CABLE RELOCATED	
MANUAL SECTION										6-2	
PAGE										201	
PART NO.										394435	



INSTALLATION OF SERVO ASSEMBLY



NOTE:
AFTER SECURING CHAIN TO LEVER ASSY, ATTACH OPPOSITE END OF CHAIN TO BRACKET ON SERVO ASSY KEEPING CHAIN TAUT, THEN SLACKEN CHAIN ONE BEAD LENGTH.

ATTACHMENT AND ADJUSTMENT OF CHAIN FROM SERVO ASSY TO LEVER

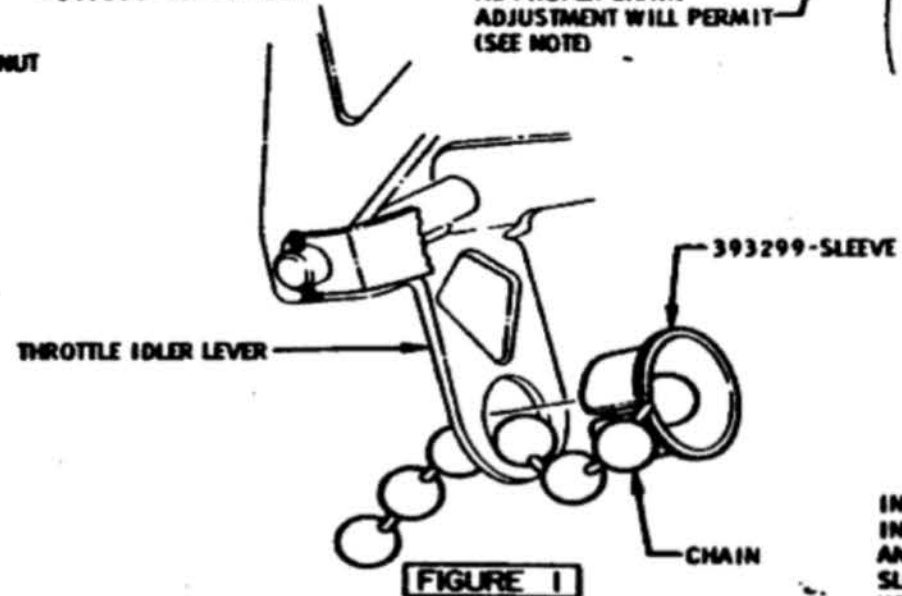
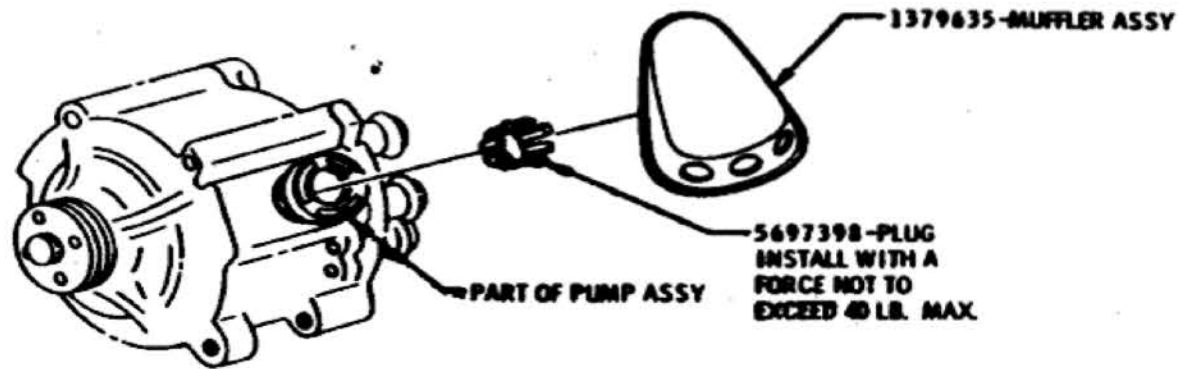


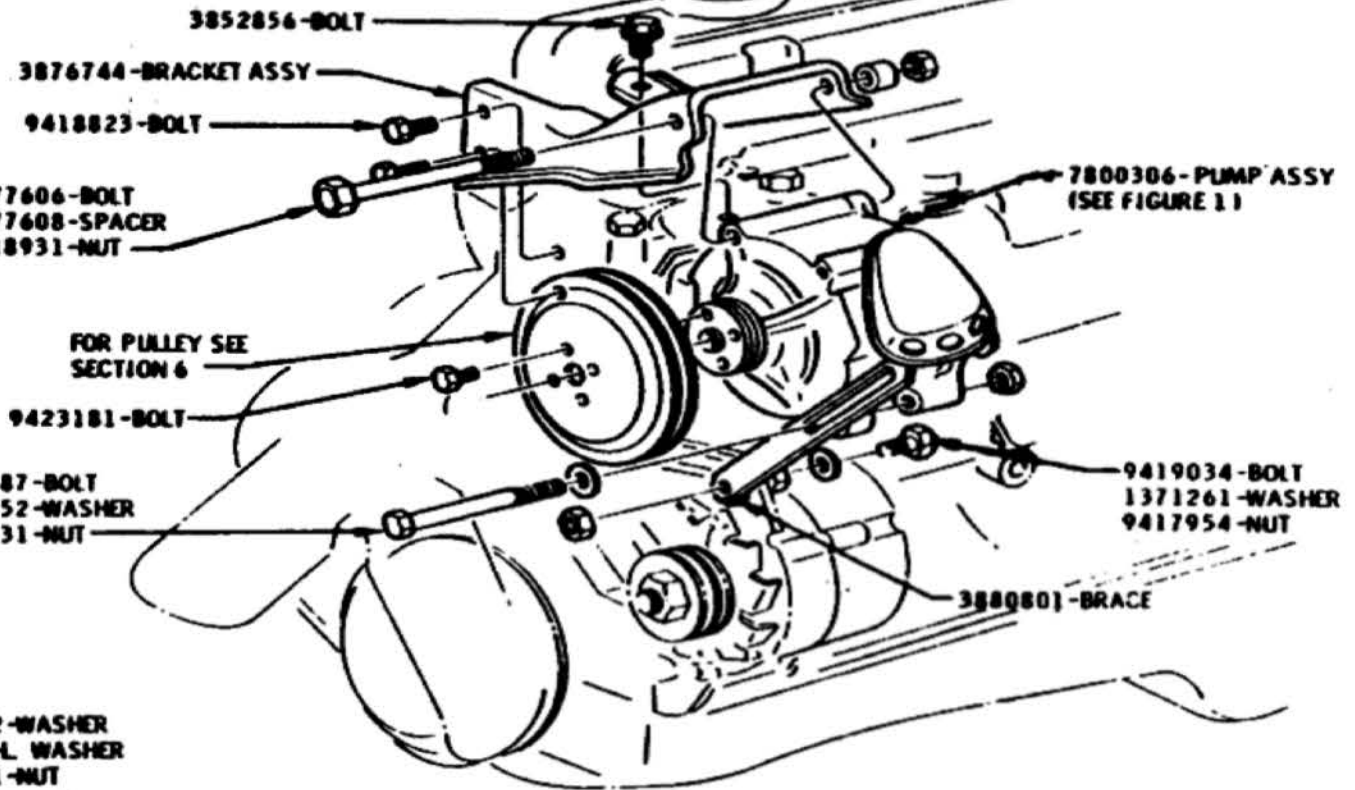
FIGURE 1

ATTACHING CHAIN TO THROTTLE IDLER LEVER ASSY

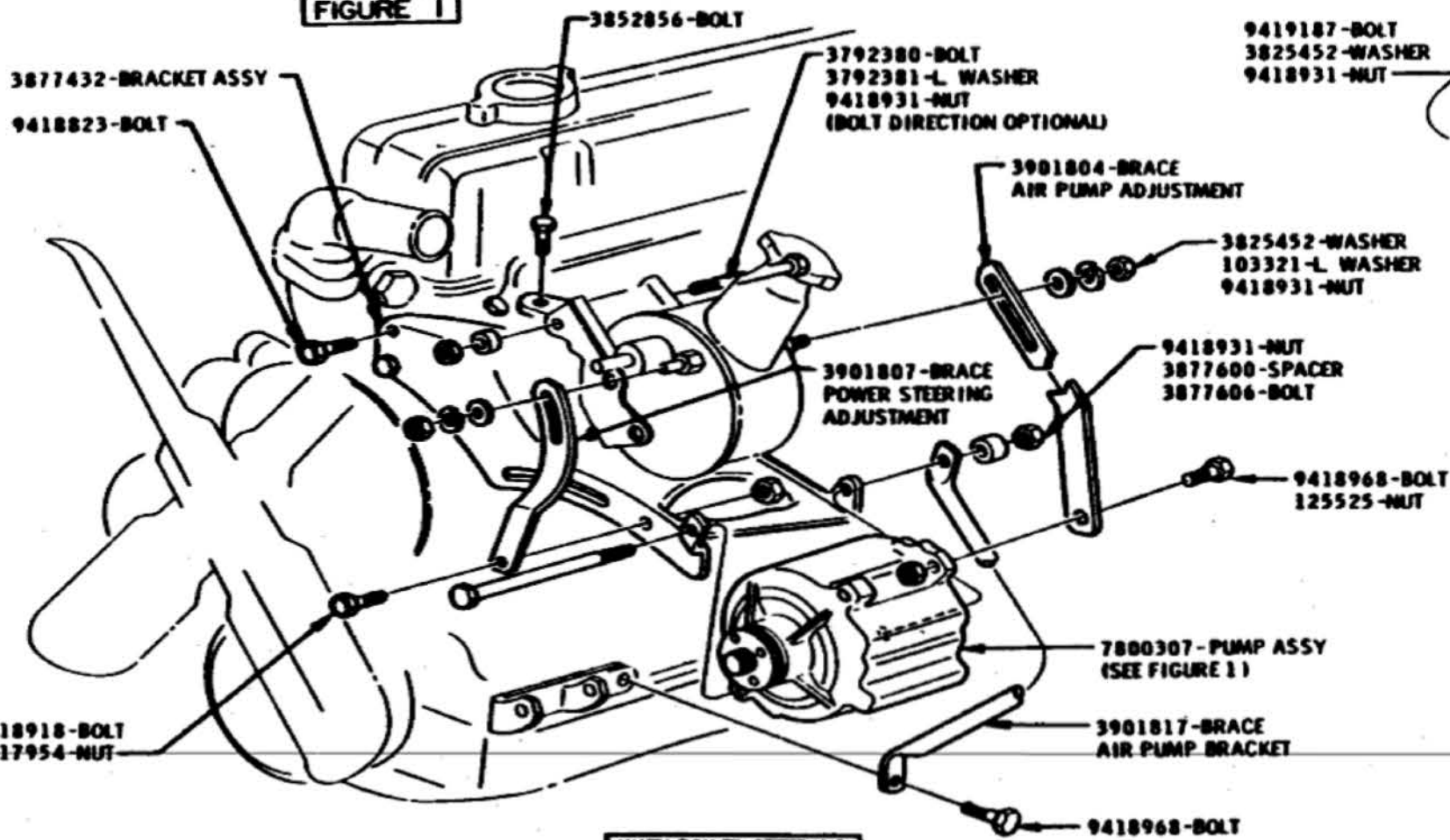
												TITLE		35K30 VACUUM SERVO (L6)		PART USED		1967		OLDSMOBILE PUBLISHING INFORMATION MANUAL		MANUAL SECTION		PAGE			
												DATE		APR. 11, 1966		DR. BY		D. PARKER				6-2		3.50			
												REVISION		A		WAS 393178 CHAIN		BY									
												REVISION		B		WAS 395105 SERVO		BY									
												REVISION		A		REDRAWN		BY									
DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION
												APPR.		M. J. J.													
												SERIAL		A		PART NO.		394435									



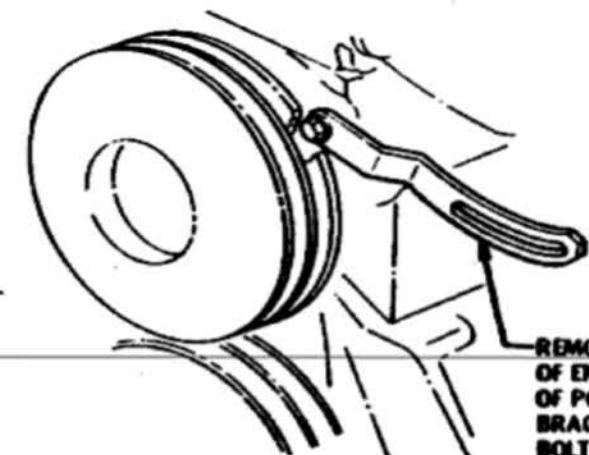
**PLUG AND MUFFER
TO AIR PUMP**
FIGURE 1



WITHOUT POWER STEERING

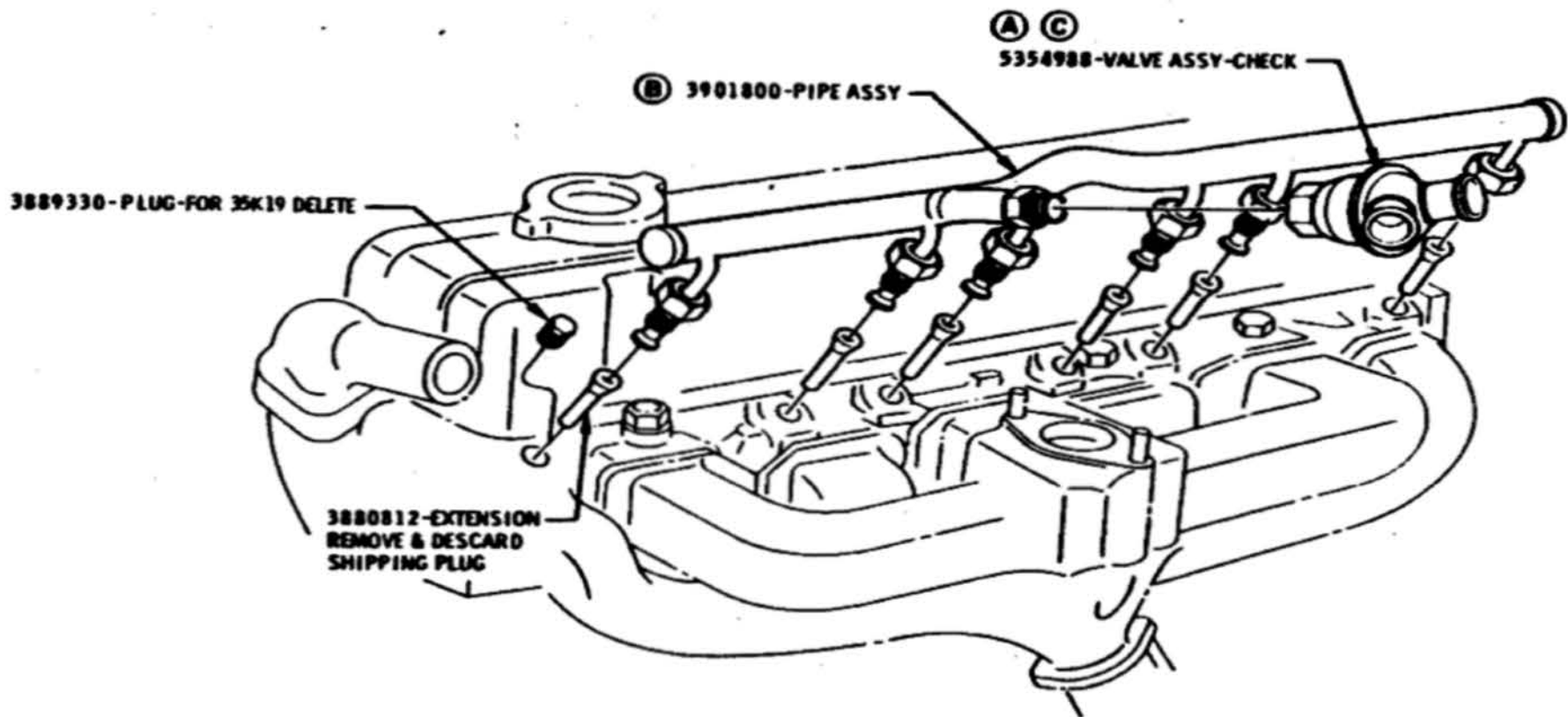


WITH POWER STEERING



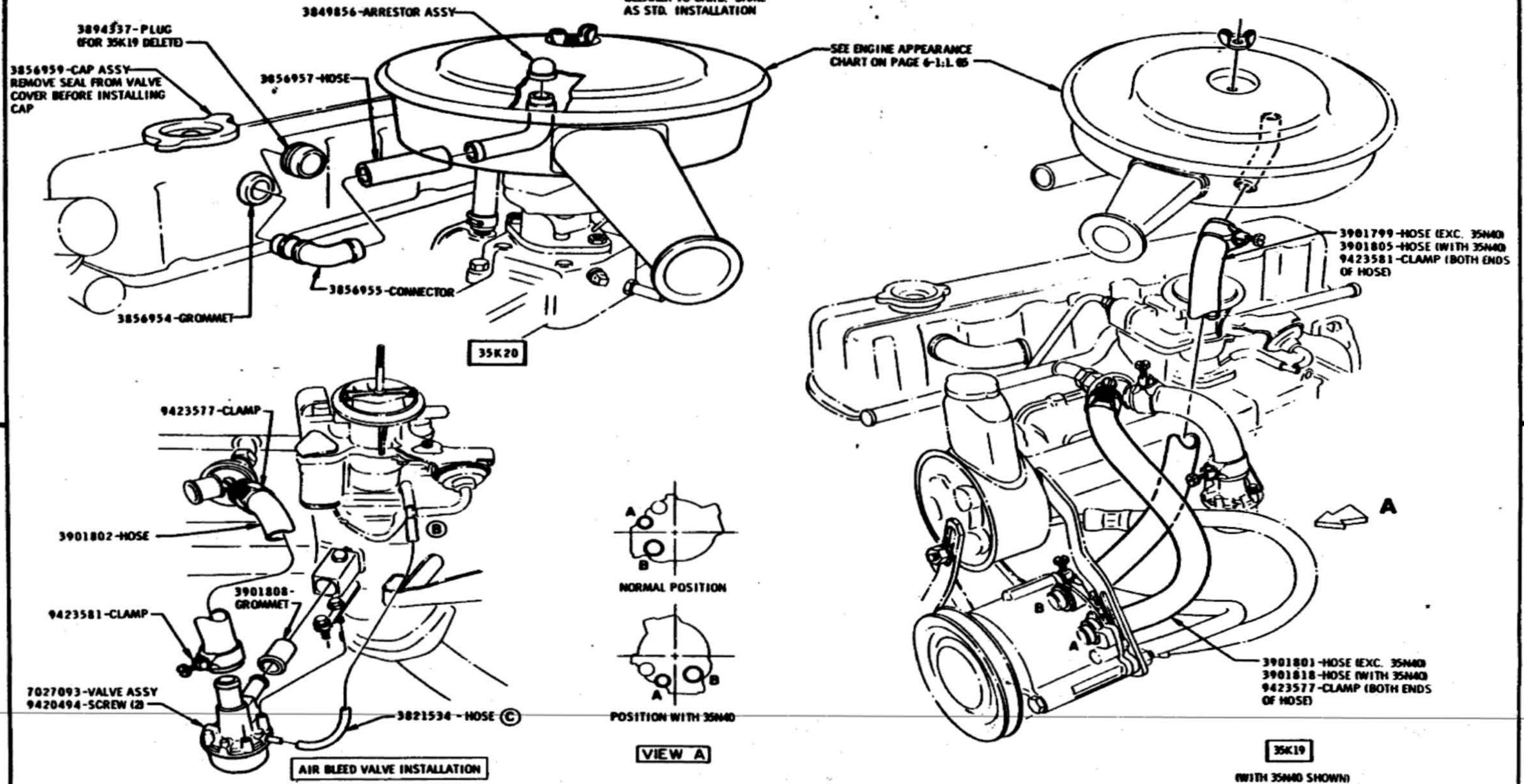
WITH POWER STEERING

					TITLE 35 K19 AIR PUMP & BRACKETS						
					DATE	FEBRUARY 10, 1966	FIRST USED	1967	OLDSMOBILE PRODUCT	MANUAL SECTION	PAGE
					DR. BY	W.E. MASON			INFORMATION MANUAL	6-2	4.01
					CHECKED	<i>[Signature]</i>					
					APP. BY	<i>[Signature]</i>					
					REVISED	REDRAWN			SERIES	A	PART NO.
					527-66 A						394435



REVISIONS										TITLE									
NO	REV	DATE	BY	APP	DESCRIPTION	NO	REV	DATE	BY	APP	35K19 AIR PIPE & CHECK VALVE								
523-66	C				WAS 5354987-VALVE ASSY						DATE	FEBRUARY 8, 1966	FIRST USED	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	6-2	PAGE	4.02
523-66	B				WAS 3889334-PIPE ASSY						CHECKED	<i>M. Barnhart</i>	APP						
523-66	A				WAS 5354988-VALVE ASSY						APP	<i>D. J. Ford</i>	REF		SERIES	A	PART NO.	394435	

NOTE: ATTACHING PARTS FOR AIR
CLEANER TO CARB. SAME
AS STD. INSTALLATION



SEE ENGINE APPEARANCE
CHART ON PAGE 6-1:1.85

AIR BLEED VALVE INSTALLATION

VIEW A

35K19
(WITH 35N40 SHOWN)

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																35K19 & CRANKCASE VENTILATION	1967	6-2	4.03	
					7-6-66	C	WAS 3798297								DR. BY W.C. AMSON					
					6-28-66	B	REVISED TO DETAIL								CHECKED BY <i>M. Hamant</i>					
					5-27-66	A	REVISED (REDRAWN)								APPR. <i>J. Schulz</i>					
																SERIES	PART NO			
																A	394435			

TRANSMISSION -SECTION 7

1.01	TRANSMISSION USAGE CHART
1.02	CLUTCH USAGE CHART
1.10	SPEEDOMETER GEAR CHART
1.20	CLUTCH CONTROL
1.25	SYNCHROMESH COLUMN SHIFT CONTROL
1.30	3 SPEED FULLY SYNCHRONIZED COLUMN SHIFT
1.32	4 SPEED MANUAL FLOOR SHIFT
1.35	3 SPEED FULLY SYNCHRONIZED FLOOR SHIFT
1.36	MANUAL FLOOR SHIFT BACK-UP LAMP SWITCHES
1.50	AUTOMATIC TRANSMISSION COLUMN SHIFT
1.55	AUTOMATIC TRANSMISSION CONSOLE SHIFT

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING — MICHIGAN

PART NUMBER	IDENTIFICATION	SERIES	RELEASE GROUP	SPEEDOMETER DRIVE GEAR	LOCATION OF IDENTIFICATION
3860040 3860097 9777226 (K) 9781076	QD RJ DB DA	<u>FULLY SYNCHRONIZED 3 SPEED</u> 3300, 3500 (L-6 COLUMN SHIFT) 3400, 3600, 3800 (V-8 COLUMN SHIFT) 3400, 3600, 3800 (EXC. 3405, 45-3635-3855, 65) (V8 HEAVY DUTY FLOOR SHIFT) 5200, 5400, 5800, 5900 (V-8 COLUMN SHIFT)	7B1 7B1 M-14 7B1	8 TOOTH 8 TOOTH 8 TOOTH 8 TOOTH	1" HIGH LETTERS ON R. H. SIDE OF CASE 2" HIGH LETTERS ON R. H. SIDE OF EXTENSION ↓
3890534 3877459	HP HF	<u>FULLY SYNCHRONIZED 4 SPEED</u> 3400, 3600, 3800 (FLOOR SHIFT-WIDE RATIO) 3400, 3600, 3800 (FLOOR SHIFT-CLOSE RATIO)	M-20 M-21	8 TOOTH (30 PITCH) 8 TOOTH (30 PITCH)	1" HIGH LETTER ON R. H. SIDE OF CASE ↓
(P) 1377110 (M) 1384311 1377120	(R) LC MM MT	<u>NEWWAY TRANSMISSION (2 SPEED)</u> (N) (J) 3300, 3500 (L-6 FIXED STATOR) 3400, 3600, 3800 (V-8 VARIABLE STATOR - EXC. L-46, L-77, L-78) (J) 5200 (V-8 VARIABLE STATOR - 2 BBL STD. & L-90 & 4 BBL L-78)	M-31 M-33 M-33	17 TOOTH 17 TOOTH NONE	1" HIGH LETTERS ON CONVERTOR HOUSING ↓
(L) 8625635 8625535 8625545 8625545 8625265 8625555 8625575 8625495 8625735 8625355	OA OB OC OD OL OE OF OG OH OJ	<u>TURBO HYDRAMATIC TRANSMISSION (3 SPEED VARIABLE STATOR)</u> 3465, 3855, 3865 (V8) (2 BBL & 4 BBL) 5400, 5600, 5800, 6400, 6600 (V-8 2 BBL EXC. L-65, L-90) (ALL 4 BBL EXC. L-75, L-77) 5400, 5600, 5800 (V-8 2 BBL WITH L-65, L-90) 5400, 5600, 5800, 6400, 6600, (V-8 WITH L-75) 5600, 5800 (V-8 WITH L-77) 5400, 5600, 5800, 6400, 6600, 9860 (V-8 2 BBL & 4 BBL-ALL HEAVY DUTY) 5200 (V-8 2 BBL & 4 BBL) ALL 3400, 3600, 3800, (V8 4BBL WITH L77, L78) EXC. 3405, 3855 65 3807-17-67 (V8 2BBL WITH L-66) 9400, 9600 (V-8 4 BBL)	M-40 7B3, M-40 M-40 M-40 M-41 M-41 M-40 M-40 M-40 7B3	(H) 18 TOOTH NONE NONE NONE NONE NONE NONE (H) 18 TOOTH (H) 18 TOOTH 14 TOOTH	2" HIGH LETTERS ON CONVERTOR HOUSING ↓ NAME PLATE ON L. H. SIDE OF CONVERTOR HOUSING

REV	SYN	REVISION	DR	CK	DATE	SYN	REVISION	DR	CK	DATE	SYN	REVISION	DR	CK	APPR	CHART - TRANSMISSION USAGE				
1467	R	WAS ML	SA	SA	10-26-66	K	LINE REMOVED	SA	SA	10-26-66	E	8625785 ADDED	SA	SA	SA	TITLE	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 7	PAGE 1.01
1467	P	WAS 1377110	SA	SA	10-26-66	J	SERIES REVISED	SA	SA	10-26-66	D	8625695 ADDED	SA	SA	SA	DATE JAN 9, 1966	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 7	PAGE 1.01
1467	N	USAGE REVISED	SA	SA	11-7-66	I	WAS 17 TOOTH	SA	SA	11-7-66	C	PART NOS. REMOVED	SA	SA	SA	DR BY C. GORDON	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 7	PAGE 1.01
1467	M	LINE REMOVED	SA	SA	10-26-66	G	L76 REMOVED	SA	SA	10-26-66	B	LINE REMOVED	SA	SA	SA	CHECKED J. V. AMES	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 7	PAGE 1.01
1360	L	WAS 8625555 CODE OE	SA	SA	10-26-66	F	SERIES REVISED	SA	SA	10-26-66	A	SERIES REVISED	SA	SA	SA	APPR R. C. STENPEL	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 7	PAGE 1.01
1467	R	WAS ML	SA	SA	10-26-66	K	LINE REMOVED	SA	SA	10-26-66	E	8625785 ADDED	SA	SA	SA	TITLE	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 7	PAGE 1.01
1467	P	WAS 1377110	SA	SA	10-26-66	J	SERIES REVISED	SA	SA	10-26-66	D	8625695 ADDED	SA	SA	SA	DATE JAN 9, 1966	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 7	PAGE 1.01
1467	N	USAGE REVISED	SA	SA	11-7-66	I	WAS 17 TOOTH	SA	SA	11-7-66	C	PART NOS. REMOVED	SA	SA	SA	DR BY C. GORDON	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 7	PAGE 1.01
1467	M	LINE REMOVED	SA	SA	10-26-66	G	L76 REMOVED	SA	SA	10-26-66	B	LINE REMOVED	SA	SA	SA	CHECKED J. V. AMES	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 7	PAGE 1.01
1360	L	WAS 8625555 CODE OE	SA	SA	10-26-66	F	SERIES REVISED	SA	SA	10-26-66	A	SERIES REVISED	SA	SA	SA	APPR R. C. STENPEL	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 7	PAGE 1.01

SERIES A-BC-E PART NO 396321

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

PART NO.	MODEL	EFFECTIVE PLATE PRESSURE (LBS.) AT 2000 RPM	FRICTION LAG	FACING	BOLT CIRCLE	COLOR CODE	P/L GROUP
3886126 PLATE ASSEMBLY	3300-3500 L6 SM		.045-.080 (.065 - .080 PREFERRED)	.135 X 9.12 (RM 3514) OPT (ASB MFG. CO. 157 - 80) WOVEN		OLIVE DRAB ON HUB	7B1B
3886134 COVER ASSEMBLY	3300-3500 L6 SM	(1) BELLEVILLE SPRING 1650-1850 LBS. TOTAL			10.96 DIA.	BLUE ON SPRING	7B1B
391254 PLATE ASSEMBLY	3407-3435-3449- 3400-3817- 3839-3867-3869, VB - SM & FS 5200 SM		.040 - .070	.135 X 10.40 (RM 969XR1) WOVEN		WHITE ON HUB	7B1B
3799139 COVER ASSEMBLY	3407-3435-3449- 3400-3817- 3839-3867-3869, VB - SM & FS 5200 SM	(1) BELLEVILLE SPRING 1900 - 2200 LBS. TOTAL			11.625 DIA.	ORANGE ON SPRING	7B1B
9774163 (OPT) COVER ASSEMBLY	3407-3435-3449- 3400-3817- 3839-3867-3869, VB - SM & FS 5200 SM	(1) BELLEVILLE SPRING 1900 - 2200 LBS. TOTAL			11.625 DIA.	ORANGE ON SPRING YELLOW ON LUG FOR PRESSURE PLATE	7B1B
9779392- PLATE ASSEMBLY	3465-3855-3865 VB-SM & FS		.025 - .045 (.035 DESIRED)	.135 X 11.00 & .150 X 11.00 (ASB MFG. CO. 157-80) WOVEN		YELLOW ON RETAINER PLATE	7B1B
3893236 COVER ASSEMBLY	3465-3855-3865 VB - SM & FS	(1) BELLEVILLE SPRING 2450 - 2750 LBS. TOTAL BENT FINGER			12.625 DIA.	WHITE ON SPRING	7B1B
9779392- PLATE ASSEMBLY	3407-3435-3449- 3400-3817- 3839-3867-3869 VB - SM & FS HEAVY DUTY		.025 - .045 (.035 DESIRED)	.135 X 11.00 & .150 X 11.00 (ASB MFG CO 157-80) WOVEN		YELLOW ON RETAINER PLATE	35M01
3893236 COVER ASSEMBLY	3407-3435-3449- 3400-3817- 3839-3867-3869 VB - SM & FS HEAVY DUTY	(1) BELLEVILLE SPRING 2450 - 2750 LBS. TOTAL BENT FINGER			12.625 DIA.	WHITE ON SPRING	35M01
9779392 PLATE ASSEMBLY	5400 5400 - 5800 SM		.025 - .045 (.035 DESIRED)	.135 X 11.00 & .150 X 11.00 (ASB MFG. CO. 157 - 80) WOVEN		YELLOW ON RETAINER PLATE	7B1B
3893236 COVER ASSEMBLY	5400 5400-5800 SM	(1) BELLEVILLE SPRING 2450 - 2750 LBS. TOTAL BENT FINGER			12.625 DIA.	WHITE ON SPRING	7B1B

										TITLE CHART - CLUTCH USAGE					
										DATE FEB 22 1966	FIRST USED 1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 7	PAGE 1.02	
										DR. BY BILL SCHMIDT		SERIES AB		PART NO 396545	
										CHECKED J. N. RAMPS					
										APP. B.C. STEMPEL					
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APP.

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

TRANSMISSION TYPE	AXLE RATIO	REAR TIRES				NVV				SPEED DRIVE GEAR				ADAPTER RATIO	DESIRED RATIO		DRIVE RATIO	% ERROR	
		SIZE	Ø		Ø		PART NO.		TEETH	TEETH	SLEEVE ASSY PART NO.	PART NO.	COLOR		45 MPH	60 MPH		45 MPH	60 MPH
			45 MPH	60 MPH	45 MPH	60 MPH	45 MPH	60 MPH							45 MPH	60 MPH			
3 SPEED FULLY SYNCHRONIZED	FACTORY INSTALLED	2.78	7.75-14	785.6	779.1	36.40	36.10	3708144 (28 PITCH)	8	18		3860341	BROWN	NONE	2.1838	2.1658	2.250	-2.94	-3.74
		3.08	7.75-14	785.6	779.1	40.33	39.99	3708144	8	19		3860342	NATURAL	NONE	2.4195	2.3996	2.3750	+1.87	+1.03
			7.75-15	750.0	747.0	38.50	38.35	9777230 #	18			3860341	BROWN	NONE	2.3100	2.3010	2.2500	+2.67	+2.27
		3.23	F70-14	797.6	794.2	42.94	42.75	3708144	8	20		3860343	BLUE	NONE	2.5764	2.5650	2.5000	+3.05	+2.60
	7.75-14		785.6	779.1	42.29	41.94	9777230 #	8	20		3860343	BLUE	NONE	2.5373	2.5164	2.5000	+1.49	+ .65	
	8.25-14	767.3	760.6	41.30	40.94	19				3860342	NATURAL	NONE	2.4783	2.4564	2.3750	+4.34	+3.42		
	7.75-15	750.0	747.0	40.37	40.21	19		3860342	NATURAL	NONE	2.4222	2.4126	2.3750	+1.99	+1.58				
	3.42	FACTORY INSTALLED	F70-14	797.6	794.2	45.46	45.27	3708144	8	21		3860344	RED	NONE	2.7276	2.7162	2.6250	+3.90	+3.47
7.75-14			785.6	779.1	44.78	44.41	9777230 #	8	21		3860344	RED	NONE	2.6866	2.6645	2.6250	+2.34	+1.50	
7.75-15	750.0	747.0	42.75	42.58	20				3860343	BLUE	NONE	2.5650	2.5548	2.5000	+2.60	+2.19			
3.55	FACTORY INSTALLED	F70-14	797.6	794.2	47.19	46.99	3708144	8	19		3860342	NATURAL	.8653	2.8315	2.8194	2.7450	+3.15	+2.71	
		7.75-14	785.6	779.1	46.48	46.10	9777230 #	8	19		3860342	NATURAL	.8653	2.7889	2.7658	2.7450	+1.60	+ .75	
7.75-15	750.0	747.0	44.37	44.20	21				3860344	RED	NONE	2.6622	2.6520	2.6250	+1.42	+1.03			
3.90 AND 3.91	FACTORY INSTALLED	F70-14	797.6	794.2	51.98	51.76	3708144 (H)	8	21		3860344	RED	.8653	3.1188	3.1056	3.0340	+2.79	+2.36	
		7.75-14	785.6	779.1	51.19	50.77	9777230 #	8	21		3860344	RED	.8653	3.0715	3.0462	3.0340	+1.23	+ .40	
7.75-15	750.0	747.0	48.87	48.68	18				3860341	BROWN	.7692	2.9322	2.9208	2.9250	+ .25	+ .10			
4.11	DEALER INSTALLED	F70-14	797.6	794.2	54.64	54.40	3708144 (H)	8	20		3860343	BLUE	.7692	3.2784	3.2640	3.2501	+ .87	+ .43	
		7.75-14	785.6	779.1	53.81	53.37	9777230 #	8	19		3860342	NATURAL	.7692	3.2286	3.2020	3.0876	+4.56	+3.70	
7.75-15	750.0	747.0	51.38	51.17	19				3860342	NATURAL	.7692	3.0828	3.0702	3.0876	- .15	- .56			
4.33	DEALER INSTALLED	F70-14	797.6	794.2	57.56	57.31	3708144 (H)	8	21		3860344	RED	.7692	3.4536	3.4386	3.4126	+1.20	+ .76	
		7.75-14	785.6	779.1	56.69	56.22	9777230 #	8	20		3860343	BLUE	.7692	3.4015	3.3735	3.2501	+4.65	+3.79	
7.75-15	750.0	747.0	54.12	53.91	20				3860343	BLUE	.7692	3.2472	3.2346	3.2501	- .09	- .48			

NOTE: DATA FOR 7.75-14 AND 8.25-14 SIZE APPLIES TO STANDARD, EXPORT AND 8 PLY TIRES.

.7692 - ADAPTER 535615 (YELLOW)

Ø REVOLUTIONS PER MILE USING CURB WEIGHT + DRIVER & ONE PASSENGER WITH RECOMMENDED TIRE PRESSURE.

1.125 - ADAPTER 540474 (NO COLOR)

.8653 - ADAPTER 535617 (BLUE)

(K) # 9777230 WITH M-14 TRANSMISSION

SHEET 1 OF 4

REVISION				REVISION				REVISION				REVISION			
DATE	BY	DR	CK	DATE	BY	DR	CK	DATE	BY	DR	CK	DATE	BY	DR	CK

CHART - SPEEDOMETER GEAR

TITLE	DATE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
	MAY 10, 1966	1967		7	1.10
DR BY	CHECKER	APPR.	SERIES	PART NO.	
DON MALKIN	J. N. JAMES	R. C. STEMPER	A	397582	

OLDSMOBILE DIVISION

GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

TRANSMISSION TYPE	AXLE RATIO	REAR TIRES				N/V		SPEED DRIVE GEAR		SPEEDO DRIVEN GEAR				ADAPTER RATIO #	DESIRED RATIO		DRIVE RATIO	% ERROR			
		SIZE	45 MPH	60 MPH	45 MPH	60 MPH	PART NO.	TEETH	TEETH	SLEEVE ASSY PART NO.	PART NO.	COLOR	#		45 MPH	60 MPH		#	45 MPH	60 MPH	
														45 MPH			60 MPH				45 MPH
4 SPEED FULLY SYNCHRONIZED (STANDARD RATIO) M-20 (CLOSE RATIO) M-21	FACTORY INSTALLED	3.08	7.75-14 J	785.6 750.0	779.1 747.0	40.33 38.50	39.99 38.35	3708145 (30 PITCH)	8	22 22			3860345 3860345	GREEN GREEN	1.132 1.132	2.4195 2.3100	2.3996 2.3010	2.4293 2.4293	- .40 - 4.91	- 1.22 - 5.28	
			7.75-15 J	797.6 785.6 767.3 750.0	794.2 779.1 760.6 747.0	42.94 42.29 41.30 40.37	42.75 41.94 40.94 40.21	3708145	8	25 22 22 22				3860346 3860345 3860345 3860345	BLACK GREEN GREEN GREEN	1.132 1.132 1.132 1.132	2.5764 2.5373 2.4783 2.4222	2.5650 2.5164 2.4564 2.4156	2.5398 2.4293 2.4293 2.4293	+ 1.44 + 4.44 + 2.01 - .29	+ .99 + 3.58 + 1.11 - .56
		3.42	7.75-14 J	797.6 785.6 750.0	794.2 779.1 747.0	45.46 44.78 42.75	45.27 44.41 42.58	3708145	8	24 24 23				3860347 3860347 3860346	YELLOW YELLOW BLACK	1.132 1.132 1.132	2.7276 2.6866 2.5650	2.7162 2.6645 2.5548	2.6502 2.6502 2.5398	+ 2.92 + 1.37 + .99	+ 2.49 + .53 + .59
			7.75-15 J	797.6 785.6 750.0	794.2 779.1 747.0	47.39 46.48 44.37	46.99 46.10 44.20	3708145	8	22 22 24				3860345 3860345 3860347	GREEN GREEN YELLOW	NONE NONE 1.132	2.8335 2.7889 2.6622	2.8194 2.7658 2.6520	2.7500 2.7500 2.6502	+ 2.96 + 1.41 + .45	+ 2.52 + .57 + .07
		3.90 AND 3.91 H	7.75-14 F	797.6 785.6 750.0	794.2 779.1 747.0	51.89 51.19 48.87	51.76 50.77 48.68	3708145	8	25 24 23				3860348 3860347 3860346	ORANGE YELLOW BLACK	NONE NONE NONE	3.1188 3.0715 2.9322	3.1056 3.0462 2.9208	3.1250 3.0000 2.8750	- .20 + 2.38 + 1.99	- .62 + 1.54 + 1.59
	7.75-15 J	797.6 785.6 750.0	794.2 779.1 747.0	54.64 53.81 51.38	54.40 53.37 51.17	3708145	8	25 25 24					3860346 3860348 3860347	BLACK ORANGE YELLOW	.866 NONE NONE	3.2784 3.2286 3.0828	3.2640 3.2020 3.0702	3.3199 3.1250 3.0000	- 1.25 + 3.31 + 2.76	- 1.68 + 2.46 + 2.34	
	DEALER INSTALLED	4.33	7.75-14 J	797.6 785.6 750.0	794.2 779.1 747.0	57.56 56.69 54.12	57.31 56.22 53.91	3708145	8	24 23 22				3860347 3860346 3860345	YELLOW BLACK GREEN	.866 .866 .866	3.4536 3.4015 3.2472	3.4386 3.3735 3.2546	3.4642 3.3199 3.1755	- .31 + 2.45 + 2.26	- .74 + 1.61 + 1.86

(E) NOTE: DATA FOR 7.75-14 AND 8.25-14 SIZE APPLIES TO STANDARD, EXPORT AND 8 PLY TIRES.

USE RIGHT ANGLE SPEEDOMETER DRIVE ADAPTERS ONLY.

REVOLUTIONS PER MILE USING CURB WEIGHT + DRIVER & ONE PASSENGER WITH RECOMMENDED TIRE PRESSURE.

1.132 ADAPTER 395431 (NO COLOR)

.866 ADAPTER 395430 (BLUE)

SHEET 2

DATE		SYM		REVISION		DR		CK		DATE		SYM		REVISION		DR		CK		DATE		SYM		REVISION		DR		CK		APPV		TITLE		CHART - SPEEDOMETER GEAR		FIRST USED		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE			
																																						1967				7		1.11	
				10-14		J		7.75-15 TIRE INFO REVISED		62066 E																								NOTE ADDED											
				8-56		H		5.00 ACCEL		62066 D																								F70 M TIRE INFO ADDED											
				8-56		G		5.55 R/TW ADDED		62066 C																								MAY 5, 1966											
				8-56		F		LINE REVISED		62066 B																								7.55 TIRE INFORMATION REMOVED											
				8-56		A		MANUAL SECTION PAGE REV		62066 A																										APR. R.C. STENMILL									

A

PART NO 397582

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

TRANSMISSION TYPE	AXLE RATIO	REAR TIRES				NVV				SPEEDO-DRIVE GEAR				DESIRED RATIO		DRIVE RATIO	% ERROR		
		SIZE	45 MPH	60 MPH	45 MPH	60 MPH	SPEEDO-DRIVE GEAR		TEETH	SLEEVE ASSY PART NO.	PART NO.	COLOR	ADAPTER RATIO	45 MPH	60 MPH		45 MPH	60 MPH	
							PART NO.	TEETH											
6 & 8 CYLINDER JETAWAY TRANSMISSION	FACTORY INSTALLED	2.78	7.75-14	785.6	779.1	36.40	36.10	ⓐ 1371878 (28 PITCH)	17	36	396793	1359270	WHITE	NONE	2.1838	2.1658	2.1176	+ 3.12	+ 2.27
		3.08	7.75-14	785.6	779.1	40.33	39.99	ⓐ 1371878	17	40	396794	1362048	BLACK	NONE	2.4195	2.3996	2.3529	+ 2.83	+ 1.98
			8.25-14	767.3	760.6	39.38	39.04												
			ⓑ 7.75-15	750.0	747.0	38.50	38.35												
	3.23	7.75-14	785.6	779.1	42.29	41.94	ⓐ 1371878	17	42	396794	1362049	GREEN	NONE	2.5373	2.5164	2.4785	+ 2.70	+ 1.85	
		8.25-14	767.3	760.6	41.30	40.94													
		ⓑ 7.75-15	750.0	747.0	40.37	40.21													
	3.42	7.75-14	785.6	779.1	44.78	44.41	ⓐ 1371878	17	39	396793	1359273	BROWN	.8653	2.6866	2.6645	2.6512	+ 1.33	+ .50	
ⓑ 7.75-15		750.0	747.0	42.75	42.58														
3.55	7.75-14	785.6	779.1	46.48	46.10	ⓐ 1371878	17	40	396794	1362048	BLACK	.8653	2.7889	2.7658	2.7192	+ 2.56	+ 1.71		
	ⓑ 7.75-15	750.0	747.0	44.37	44.20														
3.90 AND 3.91	7.75-14	785.6	779.1	51.19	50.77	ⓐ 1371878	17	39	396793	1359273	BROWN	.7692	3.0715	3.0462	2.9824	+ 2.98	+ 2.13		
	ⓑ 7.75-15	750.0	747.0	48.87	48.68														
4.11	7.75-14	785.6	779.1	53.81	53.37	ⓐ 1371878	17	41	396794	1362195	YELLOW	.7692	3.2286	3.2020	3.1353	+ 2.97	+ 2.13		
	ⓑ 7.75-15	750.0	747.0	51.38	51.17														
4.33	7.75-14	785.6	779.1	56.69	56.22	ⓐ 1371878	17	43	396794	1362196	PURPLE	.7692	3.4015	3.3735	3.2884	+ 3.43	+ 2.58		
	ⓑ 7.75-15	750.0	747.0	54.12	53.91														

ⓐ REVOLUTION PER MILE USING CURB WEIGHT + DRIVER & ONE PASSENGER WITH RECOMMENDED TIRE PRESSURE.

.7692 ADAPTER 535615 (YELLOW)

.8653 ADAPTER 535617 (BLUE)

SHEET 3

<p>3.90 ADDED 3.55 ADDED 3.55 RATIO ADDED 3.55 C WAS 7.87.6 3.55 B BOARD REVISED 3.55 A MANUAL SECT. (PAGE REV.)</p>										<p>TITLE CHART - SPEEDOMETER GEAR</p>		<p>DATE MAY 10, 1966</p>		<p>FIRST USED 1967</p>		<p>OLDSMOBILE PRODUCT INFORMATION MANUAL</p>		<p>MANUAL SECTION 7</p>		<p>PAGE 1.12</p>	
<p>12-166 08 WAS 1359233 10-11-66 07 7.75-15 TIRE INFO REV.</p>										<p>CHECKED J.N. FAMES</p>		<p>APPR. E.C. STEPHEN</p>		<p>SERIES A</p>		<p>PART NO. 397582</p>					
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.						

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

TRANSMISSION TYPE	AXLE RATIO	REAR TIRES				SPEEDO DRIVE GEAR				SPEEDO DRIVEN GEAR				DESIRED RATIO		% ERROR		
		SIZE	R		NV		PART NO.	TEETH	TEETH	SLEEVE ASSY PART NO.	PART NO.	COLOR	ADAPTER RATIO	45 MPH	60 MPH	DRIVE RATIO	45 MPH	60 MPH
			45 MPH	60 MPH	45 MPH	60 MPH												
8 CYLINDER 3 SPEED AUTOMATIC (M40)	2.48	N 195R-14 7.75-14	788.0	788.0	31.65	31.65	8623313	18	38	397807	1359272	BLUE	1.125	1.8990	1.8990	1.8765	+ 1.20	+ 1.20
			785.6	779.1	31.55	31.29			37	397807	1359271	RED		1.8774	1.8271	+ 3.60	+ 2.75	
		2.56	N 195R-14 7.75-14	788.0	788.0	33.62	33.62	8623313	18	36	397807	1359270	WHITE	NONE	2.0172	2.0172	2.0000	+ .86
	785.6			779.1	33.52	33.24	40			397806	1362048	BLACK	1.9944		1.9753	+ 1.82	+ .97	
	2.78	N 195R-14 7.75-14	788.0	788.0	36.51	36.51	8623313	18	39	397807	1359273	BROWN	NONE	2.1906	2.1906	2.1666	+ 1.10	+ 1.10
			785.6	779.1	36.40	36.10			38	397807	1359272	BLUE		2.1658	2.1111	+ 3.44	+ 2.59	
	3.08	F70-14 7.75-14 8.25-14 7.75-15	797.6	794.2	40.94	40.77	8623313	18	43	397806	1362196	PURPLE	NONE	2.4564	2.4462	2.3888	+ 2.83	+ 2.40
			788.0	788.0	40.45	40.45			43	397806	1362049	GREEN		2.4270	2.3888	+ 1.60	+ 1.60	
			785.6	779.1	40.33	39.99			42	397806	1362049	GREEN		2.4195	2.3333	+ 3.69	+ 2.84	
			767.3	760.6	39.38	39.04			41	397806	1362195	YELLOW		2.3632	2.2777	+ 3.75	+ 2.84	
			750.0	747.0	38.50	38.35			41	397806	1362195	YELLOW		2.3100	2.2777	+ 1.42	+ 1.02	
	3.23	F70-14 7.75-14 8.25-14 7.75-15	.8653									BROWN	.8653	2.5764	2.5650	2.5039	+ 2.90	+ 2.44
.8653									BROWN	.8653	2.5373	2.5164	2.5039	+ 1.33	+ .50			
.8653									BLUE	.8653	2.4783	2.4564	2.4397	+ 1.58	+ .68			
NONE									PURPLE	NONE	2.4222	2.4126	2.3888	+ 1.40	+ 1.00			
3.42	F70-14 7.75-14 7.75-15	.8653									GREEN	.8653	2.7276	2.7162	2.6965	+ 1.15	+ .73	
		.8653							YELLOW	.8653	2.6866	2.6645	2.6323	+ 2.06	+ 1.22			
		.8653							BROWN	.8653	2.5650	2.5548	2.5039	+ 2.44	+ 2.03			
3.55	F70-14 7.75-14 7.75-15	.7692									BLUE	.7692	2.8315	2.8194	2.7445	+ 3.17	+ 2.73	
		.7692							BLUE	.7692	2.7889	2.7658	2.7445	+ 1.61	+ .77			
		.7692							WHITE	.7692	2.6622	2.6520	2.6001	+ 2.38	+ 2.00			
3.90 AND 3.91	F70-14 7.75-14 7.75-15	.7692									GREEN	.7692	3.1188	3.1056	3.0334	+ 2.81	+ 2.38	
		.7692							YELLOW	.7692	3.0715	3.0462	2.9611	+ 1.26	+ .42			
		.7692							BLACK	.7692	2.9322	2.9208	2.8890	+ 1.50	+ 1.10			
4.11	F70-14 7.75-14 7.75-15	.7692									PURPLE	.7692	3.2784	3.2640	3.1056	+ 5.56	+ 5.10	
		.7692							PURPLE	.7692	3.2286	3.2020	3.1056	+ 3.96	+ 3.10			
		.7692							GREEN	.7692	3.0828	3.0702	3.0334	+ 1.62	+ 1.21			
4.33	F70-14 7.75-14 7.75-15	.7692									PURPLE	.7692	3.4536	3.4386	3.1056	+ 11.20	+ 10.72	
		.7692							PURPLE	.7692	3.4015	3.3735	3.1056	+ 9.52	+ 8.63			
		.7692							PURPLE	.7692	3.2472	3.2346	3.1056	+ 4.56	+ 4.15			

Global Procurement Supply

Chmo P/W

810 599 18
810 225 3021
Home

Ø REVOLUTIONS PER MILE USING CURB WEIGHT + DRIVER & ONE PASSENGER WITH RECOMMENDED TIRE PRESSURE.

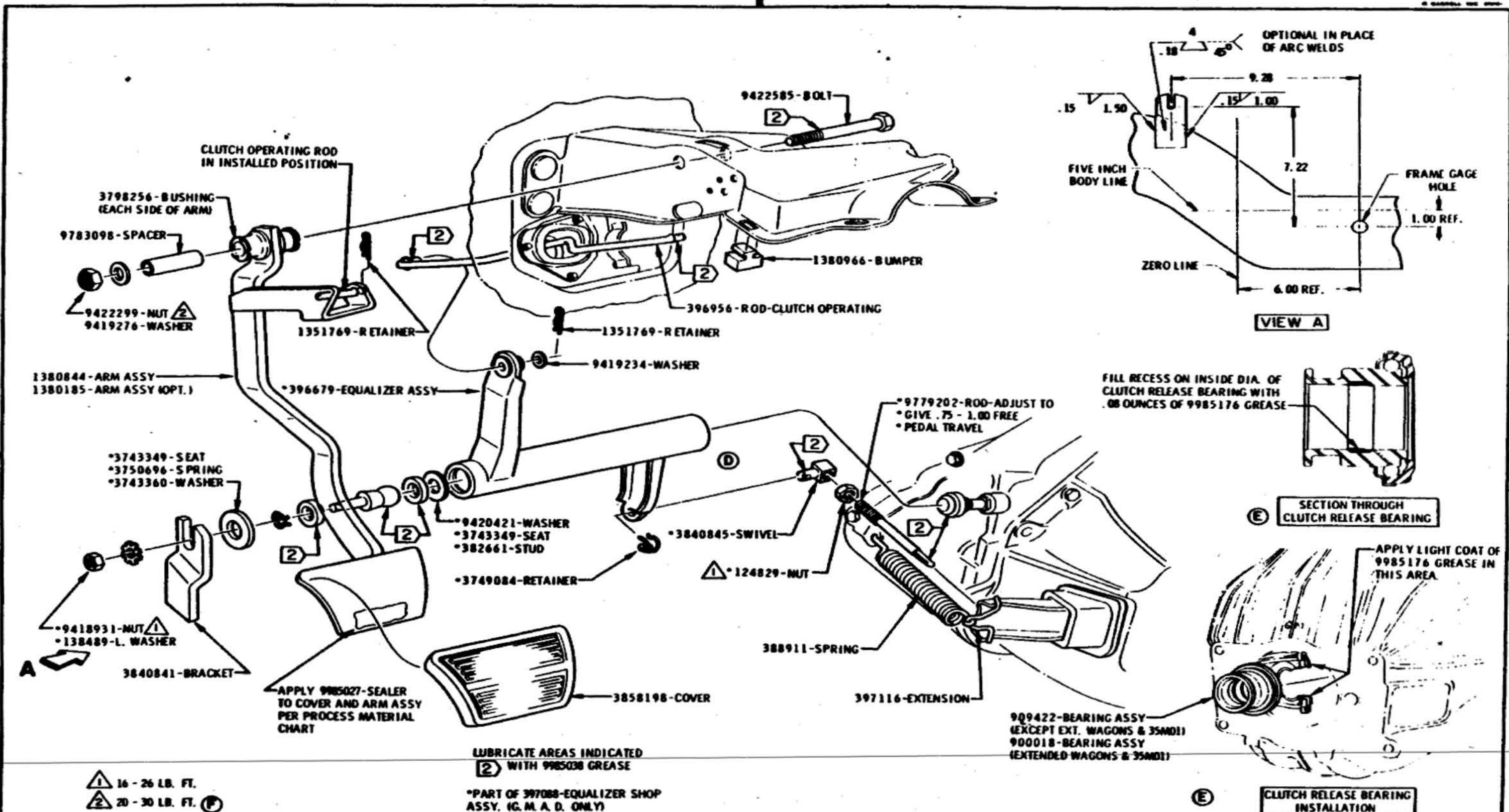
NOTE:

DATE	BY	REVISION
10-11-66	P	7.75-15 TIRE INFO REVISED
9-20-66	N	195R-14 ADDED
8-5-66	M	3.90 ADDED
8-5-66	L	3.55 RATIO ADDED

APTER 540474 (NONE)



TITLE				
CHART - SPEEDOMETER GEAR				
DATE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
MAY 11, 1966	1967		7	1.13
DR BY	CHECKED	APPR	SERIES	PART NO
K. LOVELL	J. N. FINE'S	E. C. STIMPEL	A	397582



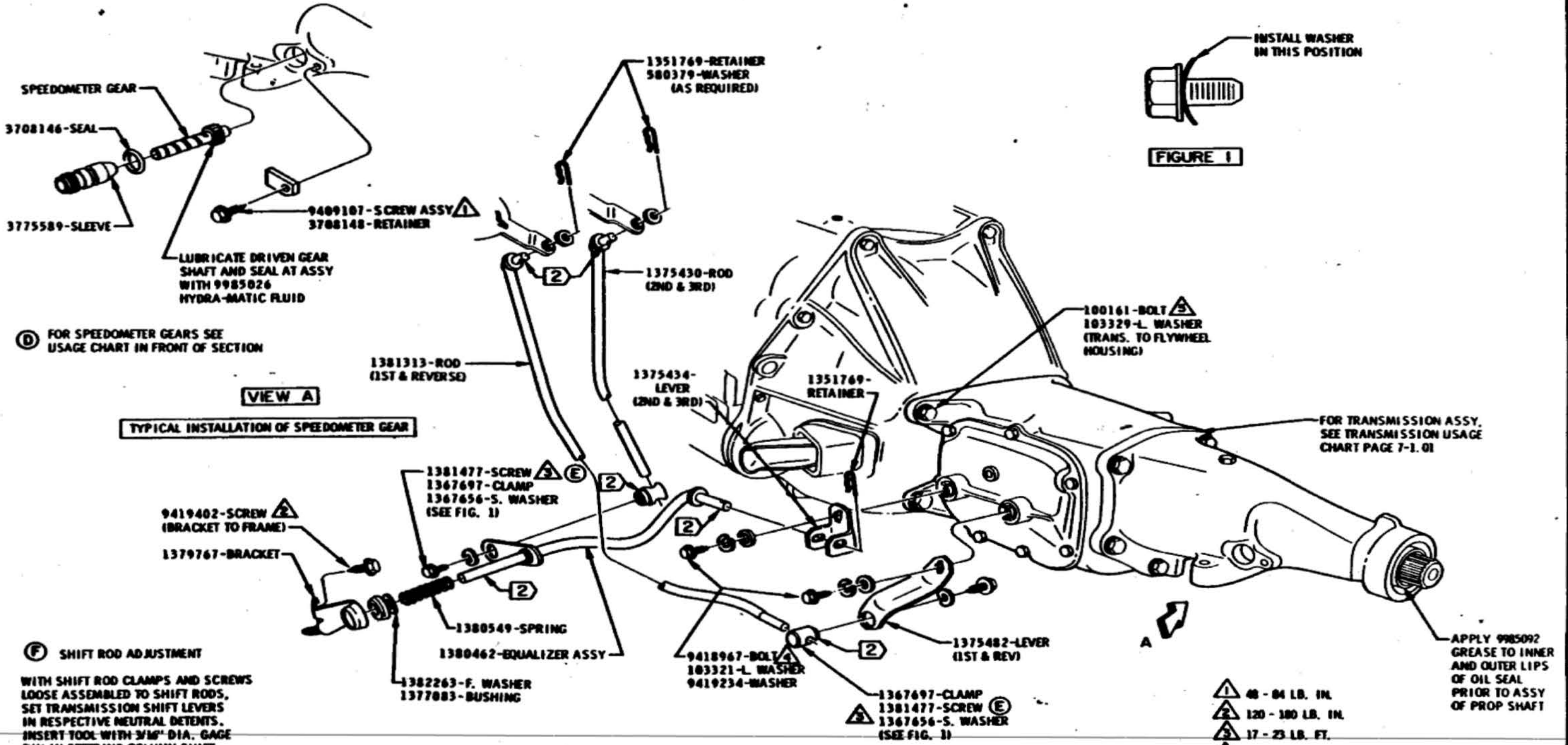
1 16 - 26 LB. FT.
 2 20 - 30 LB. FT. (P)

LUBRICATE AREAS INDICATED WITH 9985038 GREASE
 *PART OF 397088-EQUALIZER SHOP ASSY. (G. M. A. D. ONLY)

REVISIONS										TITLE					
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.
					07-66	E	VIEW ADDED								
					10-66	D	382658-SPL. REMOVED								
					5-66	C	WAS-BROUGHT UP								
					5-66	B	HAS 9418931 NUT								
					8-66	A	REDRAWN & REVISED								

DATE		SYM		REVISION		DR		CK		DATE		SYM		REVISION		DR		CK		APPR.	
------	--	-----	--	----------	--	----	--	----	--	------	--	-----	--	----------	--	----	--	----	--	-------	--

CLUTCH CONTROL (V-8 ENGINE)									
FIRST USED 1967									
GM PRODUCT INFORMATION MANUAL									
SERIES A									
PART NO. 394435									
MANUAL SECTION 7									
PAGE 120									
REF 7818									
TR-6998									



INSTALL WASHER IN THIS POSITION

FIGURE 1

VIEW A
TYPICAL INSTALLATION OF SPEEDOMETER GEAR

FOR TRANSMISSION ASSY, SEE TRANSMISSION USAGE CHART PAGE 7-1.01

APPLY 9985092 GREASE TO INNER AND OUTER LIPS OF OIL SEAL PRIOR TO ASSY OF PROP SHAFT

D FOR SPEEDOMETER GEARS SEE USAGE CHART IN FRONT OF SECTION

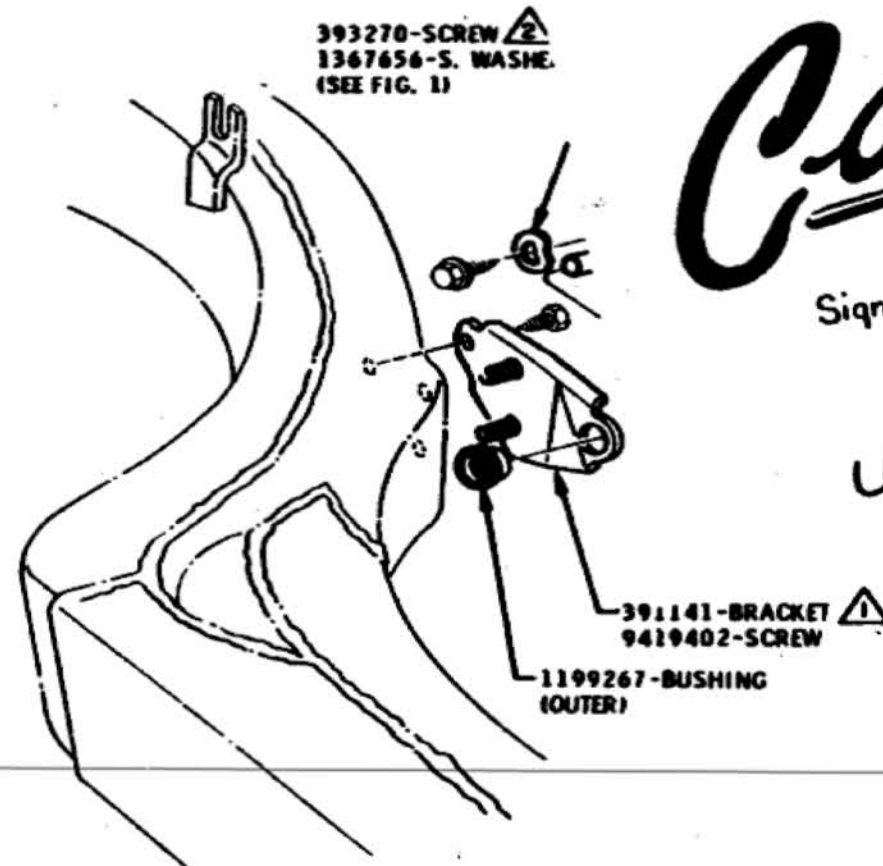
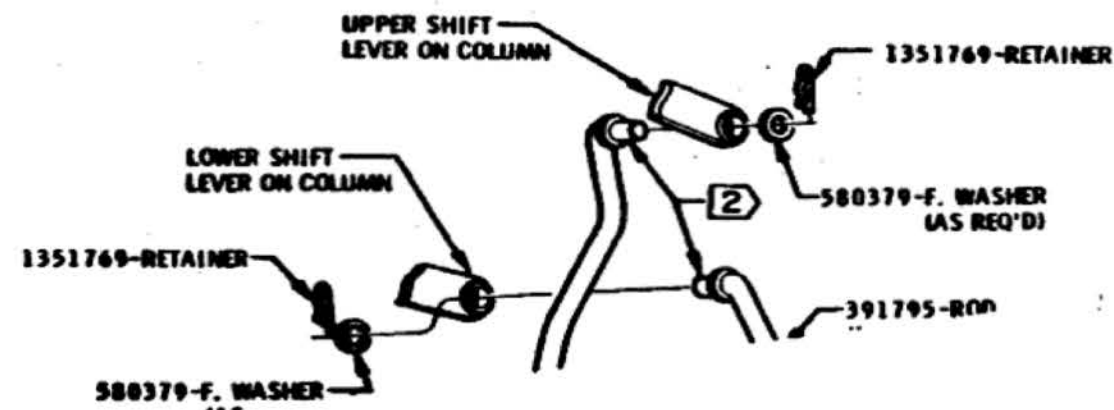
F SHIFT ROD ADJUSTMENT
WITH SHIFT ROD CLAMPS AND SCREWS LOOSE ASSEMBLED TO SHIFT RODS, SET TRANSMISSION SHIFT LEVERS IN RESPECTIVE NEUTRAL DETENTS. INSERT TOOL WITH 3/16" DIA. GAGE PIN IN STEERING COLUMN SHIFT LEVERS AND TIGHTEN SCREWS ON CLAMPS ON LOWER END OF SHIFT RODS.

FILL THRU FILLER HOLE ON R. H. SIDE OF TRANS. WITH 3.95 PINTS OF 998504 OIL (LANSING PLANT) OR 9985133 OR 998504 (OPT.) OIL AT G. M. A. D. ASSEMBLY PLANTS. THEN REINSTALL FILLER PLUG.

LUBRICATE AREAS INDICATED WITH 9985088 GREASE

- 1 48 - 84 LB. IN.
- 2 120 - 180 LB. IN.
- 3 17 - 23 LB. FT.
- 4 20 - 30 LB. FT.
- 5 45 - 60 LB. FT.

		4-8-67 E		WMS 393E70		TITLE		SYNCHROMESH COLUMN SHIFT CONTROL	
		11-16-66 D		NOTE REVISED		DATE		MARCH 9, 1966	
		10/1/66 C		1382263 WASHER ADDED		DR.		BY W. E. MASON	
		7-11-66 B		1377904 WASHERS REV'D		CHECKED		BY [Signature]	
		2-1-67 F		NOTE REVISED		APP. BY		E. C. STAVEL	
DATE	SYN	REVISION	DR.	CK.	DATE	SYN	REVISION	DR.	CK.
							FIRST USED	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL
							MANUAL SECTION	7	PAGE 1.25
							SERIES	A	PART NO. 394435

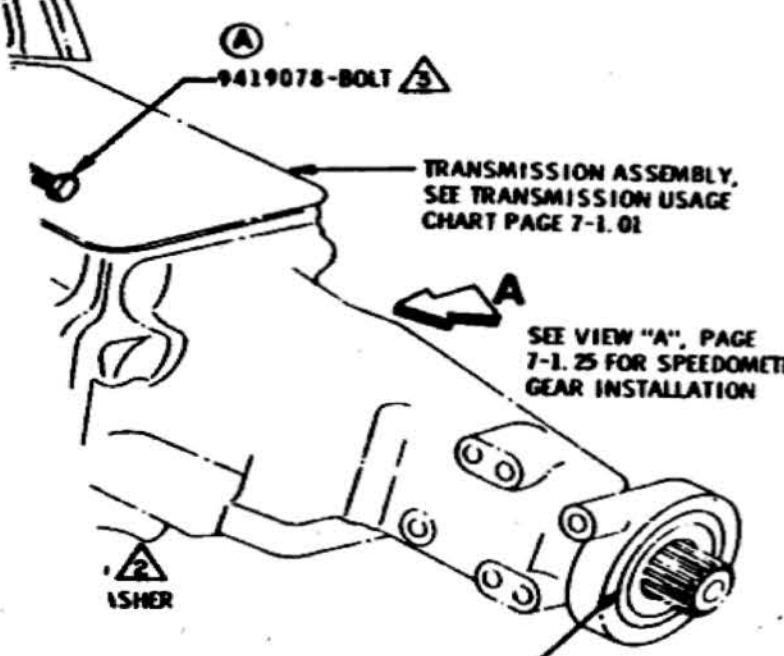


Cancelled

Signed *J. M. Donald* Date *8-29-66*

Information shown on this page is now obsolete

-NUT
- WASHER
-F. WASHER

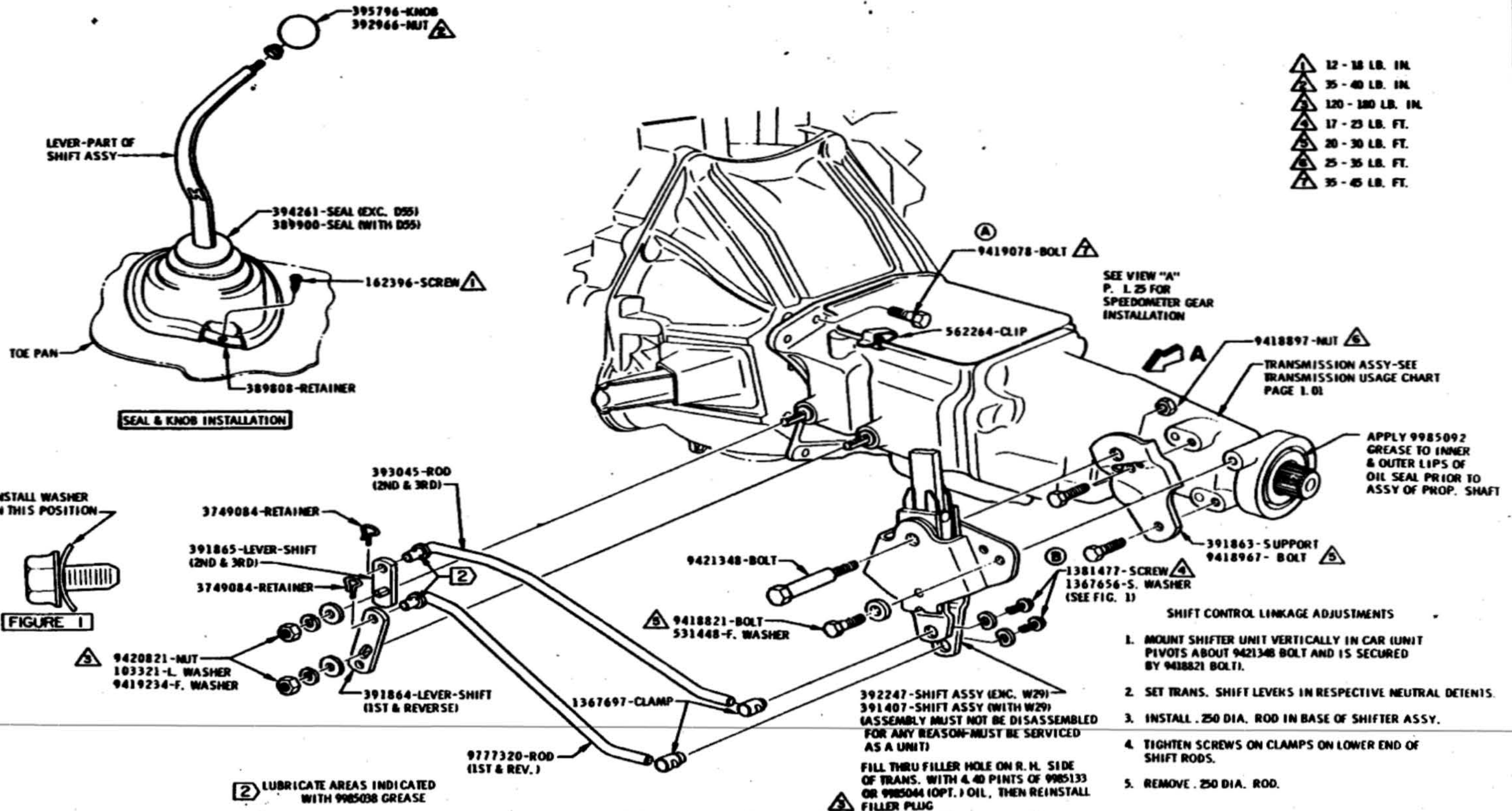


FILL THRU FILLER HOLE ON R. H. SIDE OF TRANS. WITH 4.40 PINTS OF 9985044 OIL (LANSING PLANT) FILL WITH 9985133 OR 9985044 (OPT.) OIL AT G. M. A. D. ASSEMBLY PLANTS. THEN REINSTALL FILLER PLUG.

LUBRICATE AREAS INDICATED WITH 9985038 GREASE.

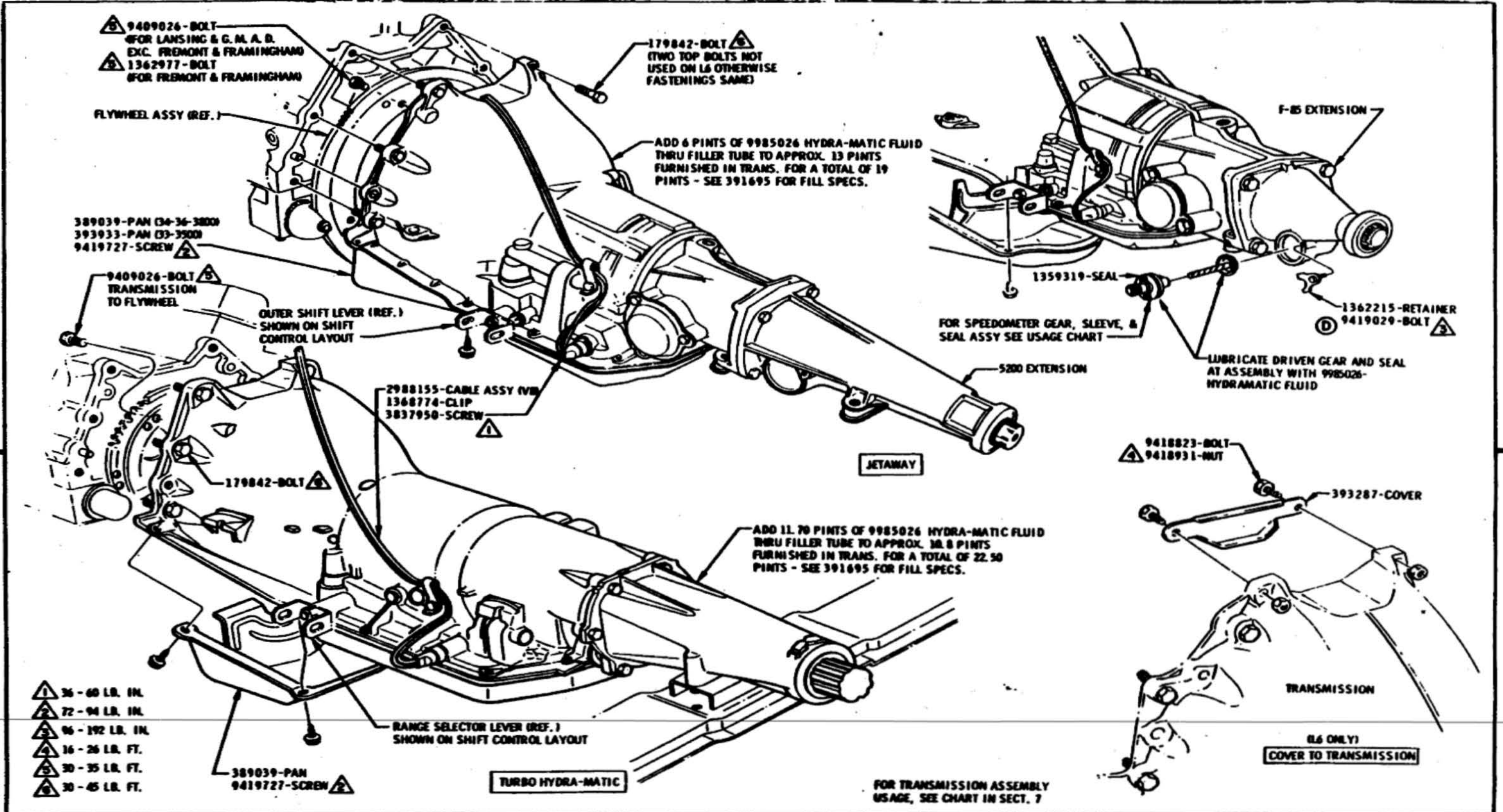
- 1 120 - 180 LB. IN.
- 2 17 - 23 LB. FT.
- 3 35 - 45 LB. FT.

TITLE										35M13 COLUMN SHIFT CONTROL					
DATE										MARCH 9, 1966					
OR BY										W. P. MASON					
CHECKED										P. C. STENFEL					
REV. NO.										1					
DESCRIPTION										M15 179064-BOLT					
DATE										MAY 1966					
BY										W. P. MASON					
REVISION										REV. NO. 1					
DATE										MAY 1966					
BY										W. P. MASON					
REVISION										REV. NO. 1					
										FIRST USED			1967		
										OLDSMOBILE PRODUCT			MANUAL SECTION		
										INFORMATION MANUAL			7		
										SERIES			PART NO.		
										A			394435		
										REF. TR 5630					



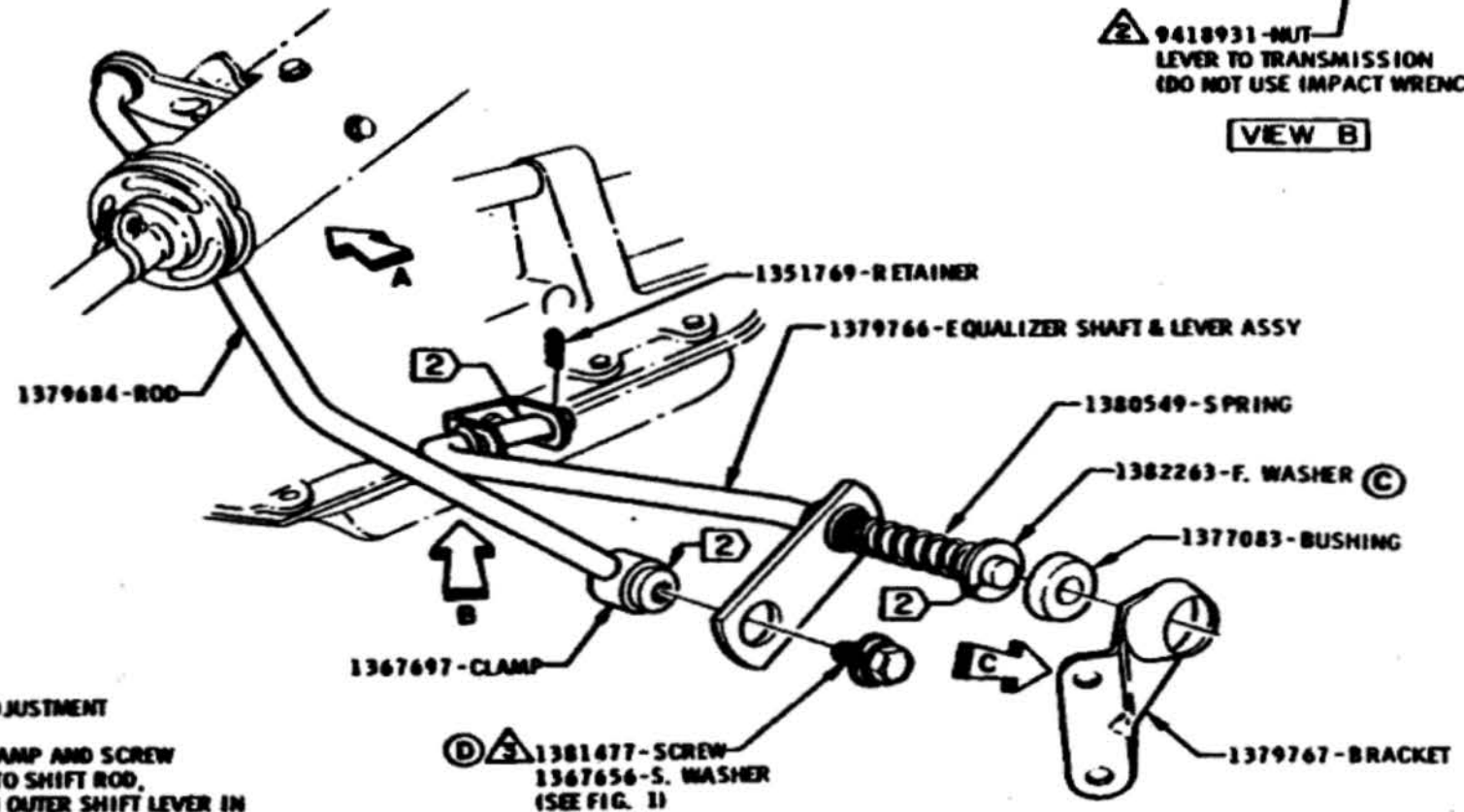
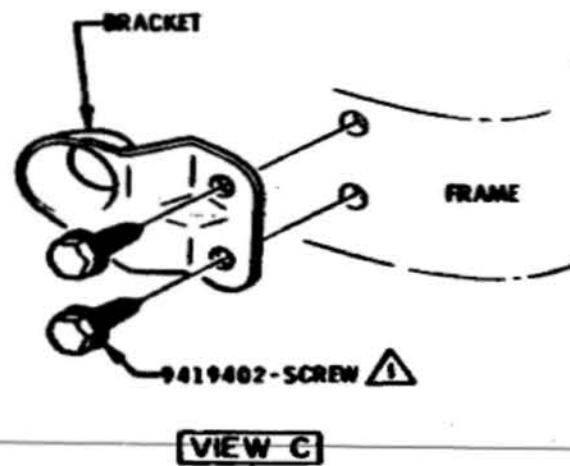
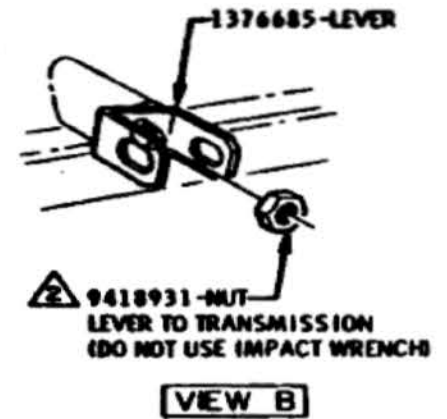
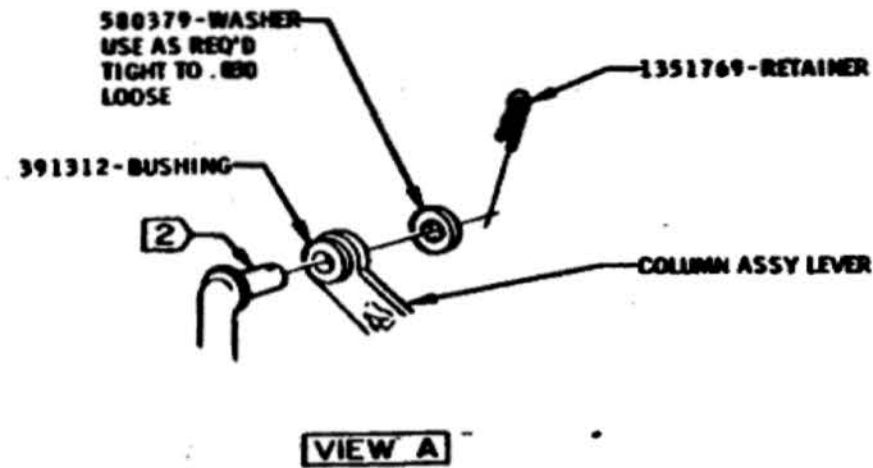
2 LUBRICATE AREAS INDICATED WITH 9985038 GREASE

TITLE										35M14 SHIFT CONTROL	
DATE FEBRUARY 16, 1966										FIRST USED	
DR BY H.C. NASON										1967	
CHECKED BY [Signature]										OLDSMOBILE PRODUCT INFORMATION MANUAL	
APP. [Signature]										MANUAL SECTION	
DR. CR. APP.										7	
130 67 B WRS 393270										PAGE	
52166 A HAS 7886 & BOLT										135	
REVISION										PART NO	
										A	
										394435	



- 1 36 - 60 LB. IN.
- 2 72 - 94 LB. IN.
- 3 96 - 192 LB. IN.
- 4 16 - 26 LB. FT.
- 5 30 - 35 LB. FT.
- 6 30 - 45 LB. FT.

				3304 D HAS 11565B		TITLE		AUTOMATIC TRANSMISSION	
				6-1966 - REVISE SKLUM 71		DATE		FEBRUARY 28, 1966	
				4-1966 B TORQUES ADDED		DR. BY		ED J. ROE	
				5-1966 A WIRING CLIP REVERSED		CHECKED		P. FRANK	
						DR. BY		H. J. B. FREE	
						DR. CK.		APP.	
						PART USED		1967	
						OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION	
								7	
								PAGE	
								1.50	
						SERIES		PART NO.	
						A-B-C		394435-6	



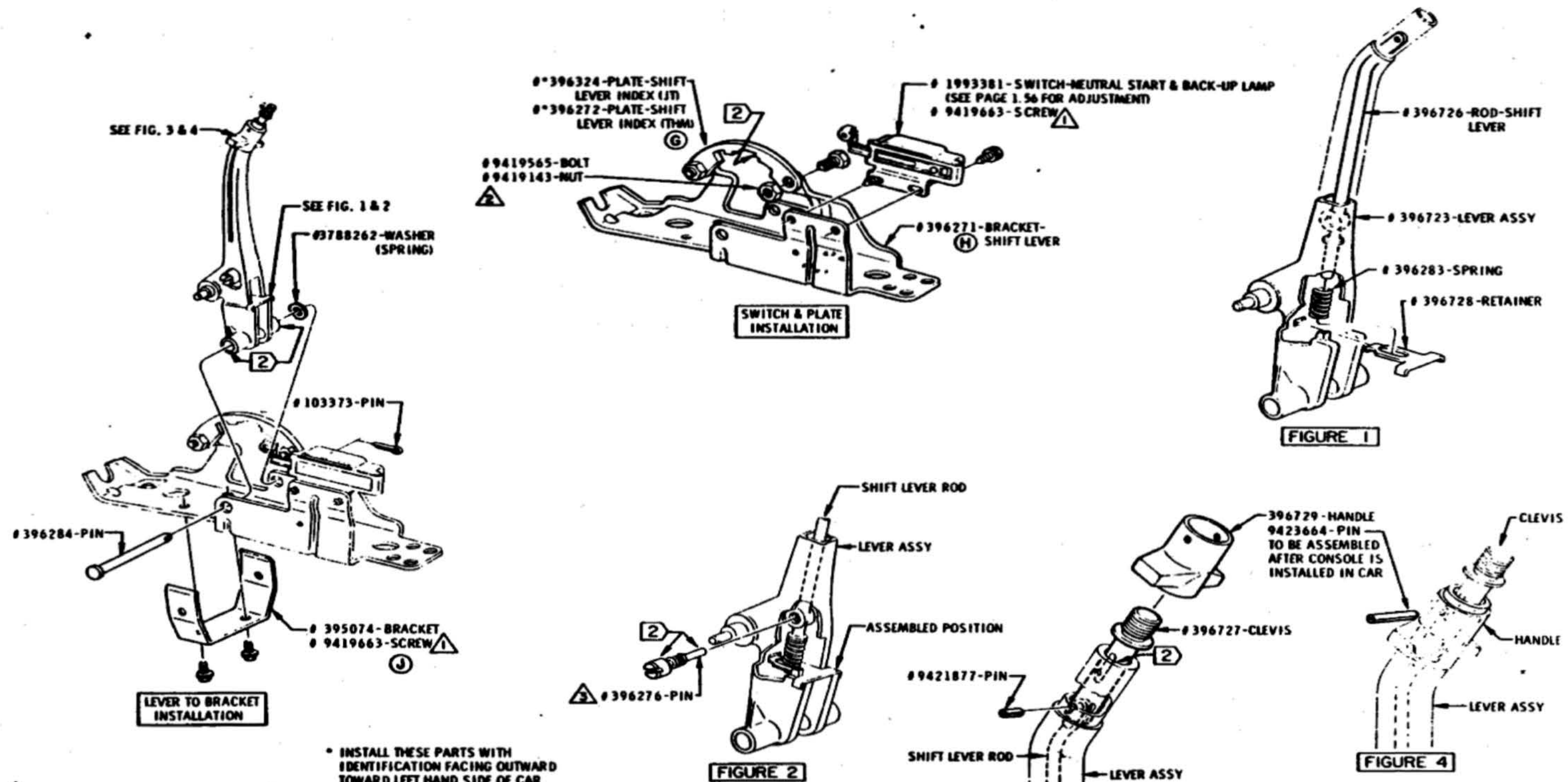
ⓔ SHIFT ROD ADJUSTMENT

WITH SHIFT ROD CLAMP AND SCREW
LOOSE ASSEMBLED TO SHIFT ROD,
SET TRANSMISSION OUTER SHIFT LEVER IN
DRIVE POSITION, HOLD UPPER SHIFT
LEVER AGAINST DRIVE POSITION STOP
IN UPPER STEERING COLUMN (DO NOT
RAISE LEVER), TIGHTEN SCREW INTO
CLAMP ON SHIFT ROD TO SPECIFIED
TORQUE.

② LUBRICATE AREAS INDICATED
WITH PRECORB GREASE

- ① 120 - 180 LB. IN.
- ② 16 - 26 LB. FT.
- ③ 17 - 25 LB. FT.

DATE	BY	REVISION	DR. CK.	DATE	BY	REVISION	DR. CK.	DATE	BY	REVISION	DR. CK.	APPL.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
		2-1-67 E				NOTE REVISED							AUTOMATIC TRANSMISSION SHIFT CONTROL	1967		7	1.51
		2-1-67 D				MIS 39270							DATE FEBRUARY 3, 1966				
		10-7-66 C				1382263-WASHER ADDED							DR. BY C.K. BECHTOLD				
		8-2-66 B				USAGE REVISED							CHECKED INTERMOUNT				
		8-2-66 A				TORQUES ADDED							NO. 35431, H.33, M.4, A-60				
													SERIES A				
													PART NO. 394435				



- 1 8 - 18 LB. IN.
- 2 48 - 84 LB. IN.
- 3 96 - 132 LB. IN.

• INSTALL THESE PARTS WITH IDENTIFICATION FACING OUTWARD TOWARD LEFT HAND SIDE OF CAR

• PART OF BRACKET SHOP ASSY; SEE 397089 CHART

LUBRICATE AREAS INDICATED WITH #9985038 GREASE

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
					7-26-66	H	REVISED TO DETAIL									AUTO. TRANS SHIFT CONTROL (CONSOLE)				
					7-18-66		WORK WT									DATE FEBRUARY 18, 1967	1967		7	1.55
					7-5-66	F	NOTE ADDED									DR BY W.E. MASON				
					6-27-66	E	NEUTRAL START W/MS SAFETY									CHECKED W.P. Smith				
					6-21-66	O	REWORK / REVISED									APR. E.C.S.				
					4-8-66		PARTS ADDED TO SHOP ASSY									REF. 72-6720				
																		394435-6		

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

SHIFT CABLE ADJUSTMENT PROCEDURE

PUT SHIFT HANDLE IN PARK POSITION, TRANSMISSION MANUAL LEVER IN PARK POSITION AND MOVE 9779348-PIN TO JUST FIT INTO CABLE END. TIGHTEN 9418931-NUT. MOVE SHIFT HANDLE INTO EACH GEAR POSITION AND SEE THAT TRANSMISSION MANUAL LEVER IS ALSO IN DETENT POSITION.

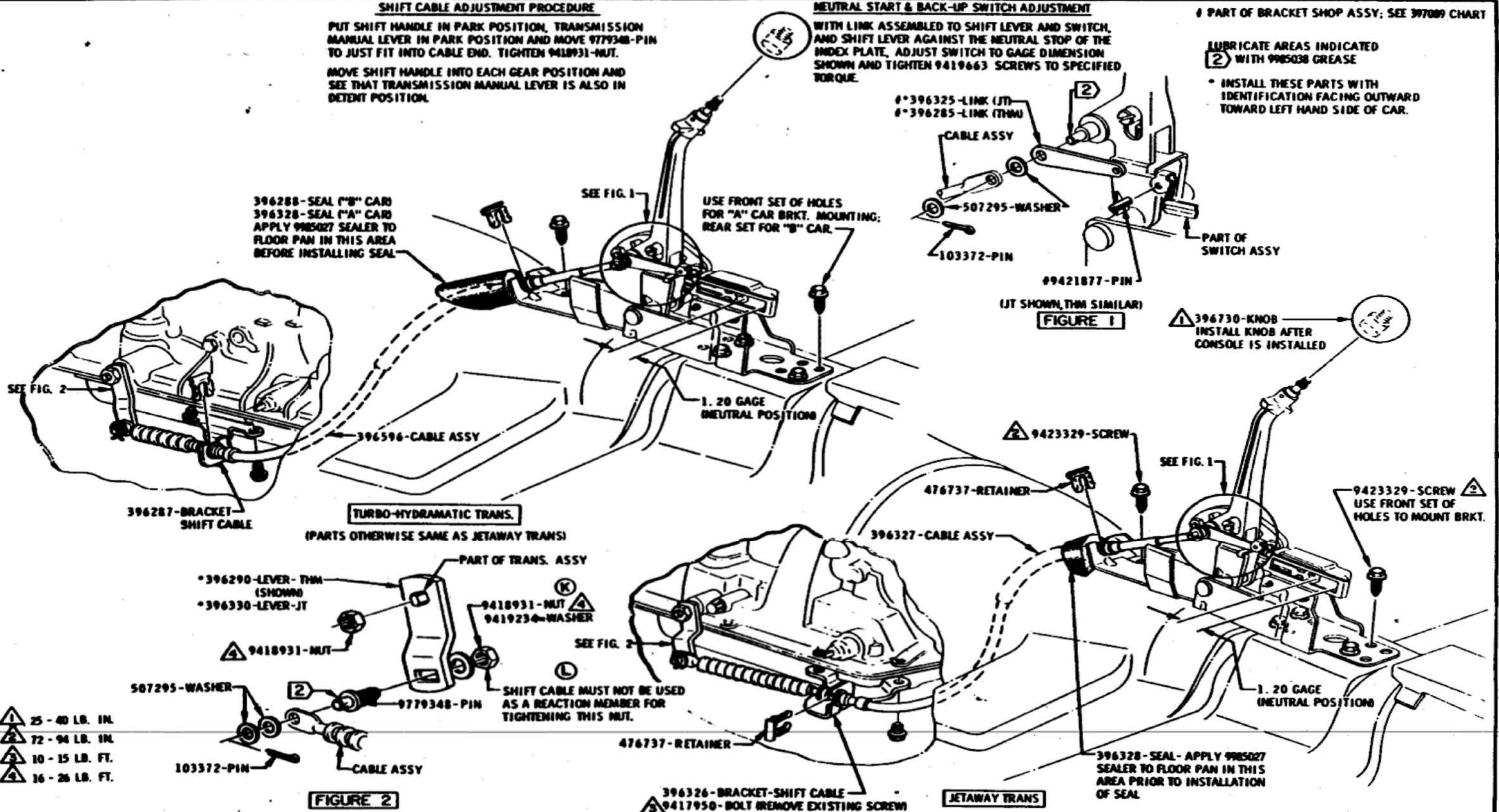
NEUTRAL START & BACK-UP SWITCH ADJUSTMENT

WITH LINK ASSEMBLED TO SHIFT LEVER AND SWITCH, AND SHIFT LEVER AGAINST THE NEUTRAL STOP OF THE INDEX PLATE, ADJUST SWITCH TO GAGE DIMENSION SHOWN AND TIGHTEN 9419663 SCREWS TO SPECIFIED TORQUE.

Ø PART OF BRACKET SHOP ASSY; SEE 397009 CHART

LUBRICATE AREAS INDICATED WITH 9985038 GREASE

• INSTALL THESE PARTS WITH IDENTIFICATION FACING OUTWARD TOWARD LEFT HAND SIDE OF CAR.



- 1 25 - 40 LB. IN.
- 2 72 - 94 LB. IN.
- 3 10 - 15 LB. FT.
- 4 16 - 26 LB. FT.

FIGURE 2

DATE	BYM	REVISION	DR	CK	DATE	BYM	REVISION	DR	CK	DATE	BYM	REVISION	DR	CK	DATE	BYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	
					12-16-66	R	TORQUE REMOVED			9-16-66	E	VIEW REMOVED										AUTO TRANS SHIFT CONTROL (CONSOLE)	1967		7	1.56
					10-11-66	J	WAS 120-180 LB. IN.			9-16-66	D	NOTE REVISED														
					10-5-66	H	NOTE REVISED			8-4-66	C	SEALER NOTE REVISED														
					9-21-66	G	REVISED TO DETAIL			7-19-66	B	VIEW ADDED														
					9-18-66	F	WAS 27364B PIN			7-5-66	A	ADJUSTMENT NOTE ADDED														
5-3-67	L	NOTE ADDED																								

PART NO. **394435-6**

FUEL & EXHAUST SYSTEM - SECTION 8

FUEL

- 1.01 FUEL TANK ASSEMBLY (COMPLETE) CHART**
- 1.10 FUEL SYSTEM**

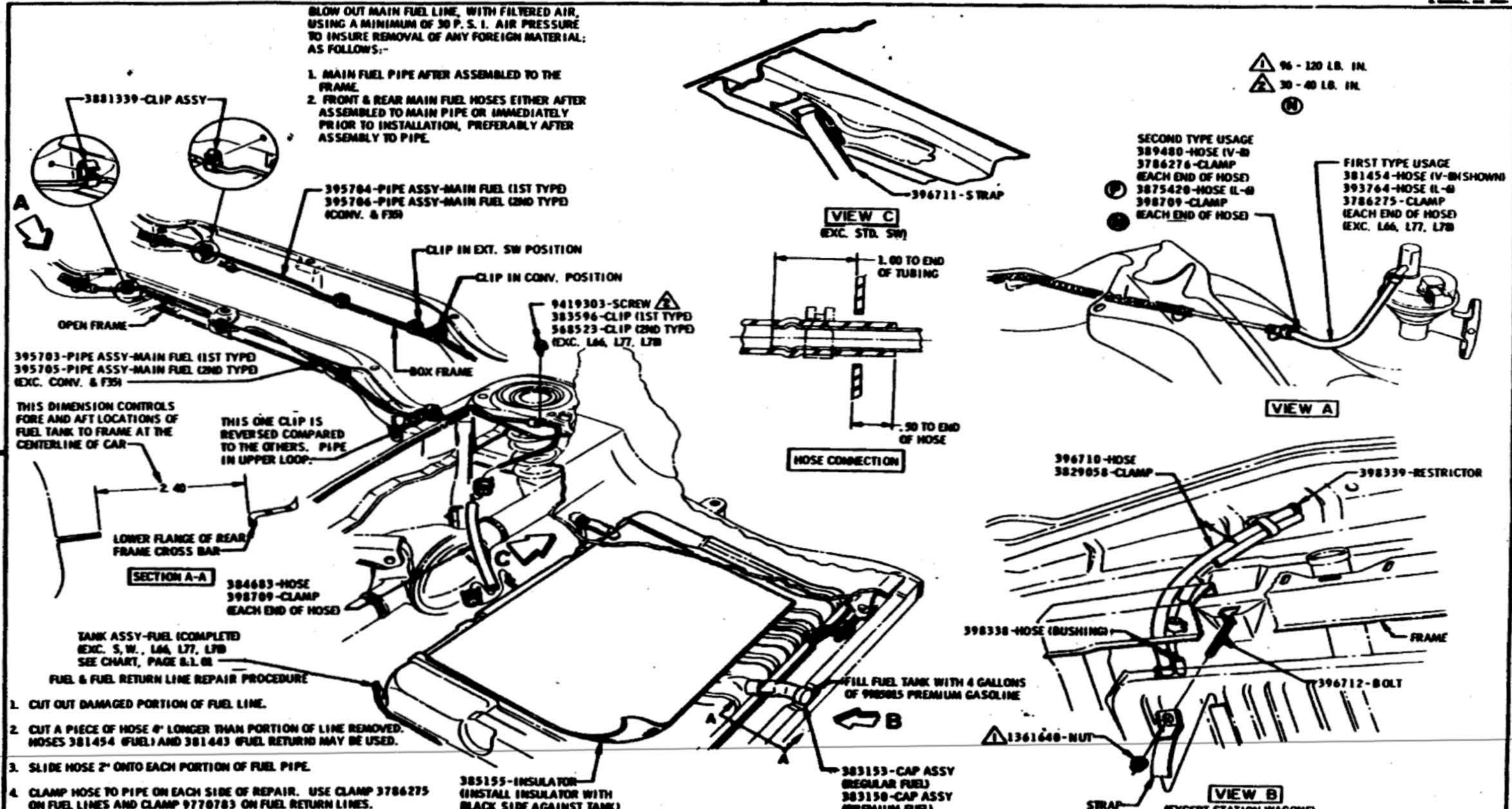
EXHAUST

- 1.20 EXHAUST SYSTEM USAGE CHART**
- 1.21 EXHAUST SYSTEM**

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

BLOW OUT MAIN FUEL LINE, WITH FILTERED AIR, USING A MINIMUM OF 30 P. S. I. AIR PRESSURE TO INSURE REMOVAL OF ANY FOREIGN MATERIAL; AS FOLLOWS:-

1. MAIN FUEL PIPE AFTER ASSEMBLED TO THE FRAME.
2. FRONT & REAR MAIN FUEL HOSES EITHER AFTER ASSEMBLED TO MAIN PIPE OR IMMEDIATELY PRIOR TO INSTALLATION, PREFERABLY AFTER ASSEMBLY TO PIPE.



① 96 - 120 LB. IN.
② 30 - 40 LB. IN.
③

SECOND TYPE USAGE
389480-HOSE (V-B)
3786276-CLAMP (EACH END OF HOSE)
3875420-HOSE (L-W)
398709-CLAMP (EACH END OF HOSE)

FIRST TYPE USAGE
381454-HOSE (V-B) SHOWN
393764-HOSE (L-W)
3786275-CLAMP (EACH END OF HOSE) (EXC. L66, L77, L78)

FUEL & FUEL RETURN LINE REPAIR PROCEDURE

1. CUT OUT DAMAGED PORTION OF FUEL LINE.
2. CUT A PIECE OF HOSE 4" LONGER THAN PORTION OF LINE REMOVED. HOSES 381454 (FUEL) AND 381443 (FUEL RETURN) MAY BE USED.
3. SLIDE HOSE 2" ONTO EACH PORTION OF FUEL PIPE.
4. CLAMP HOSE TO PIPE ON EACH SIDE OF REPAIR. USE CLAMP 3786275 ON FUEL LINES AND CLAMP 9770783 ON FUEL RETURN LINES.

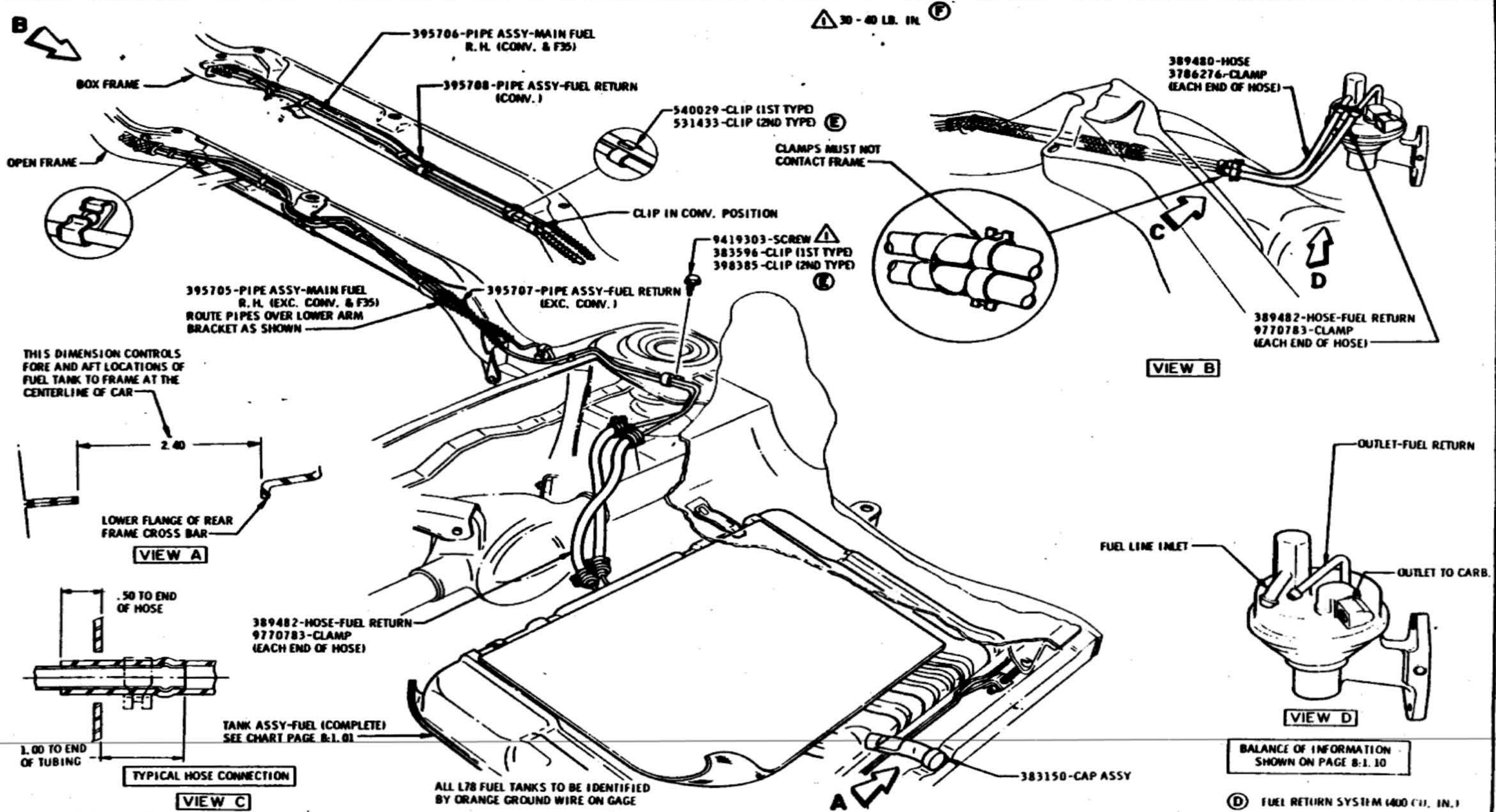
FILL FUEL TANK WITH 4 GALLONS OF 9800LS PREMIUM GASOLINE

DATE	BY	REVISION	DATE	BY	REVISION	DATE	BY	REVISION	DATE	BY	REVISION	TITLE	FIRST USE	OLDSMOBILE PRODUCT	JOURNAL SECTION	PAGE
3-21-67	P	WAS 382764	2-19-66	K	WAS 383522-CLIP	1-6-66	E	L69 REMOVED	1-17-66	J	VIEW'S REV TO DETAIL	FUEL SYSTEM	1967	OLDSMOBILE PRODUCT	8	1.10
2-19-66	N	TORQUE ADDED	2-19-66	N	SECOND TYPE ADDED	1-7-66	C	REPAIRS & REVISED	1-17-66	J	WAS 382764					
2-19-66	M	3786276-CLAMP REMOVED	1-7-66	G	398292-TANK ADDED	1-17-66	B	WAS 382764	1-17-66	J	NOTE ADDED					
2-17-66	L	WAS 3786275-CLAMP	1-7-66	F	WAS 9419303-SCREW	1-17-66	A	NOTE ADDED								

394435

OLDSMOBILE DIVISION

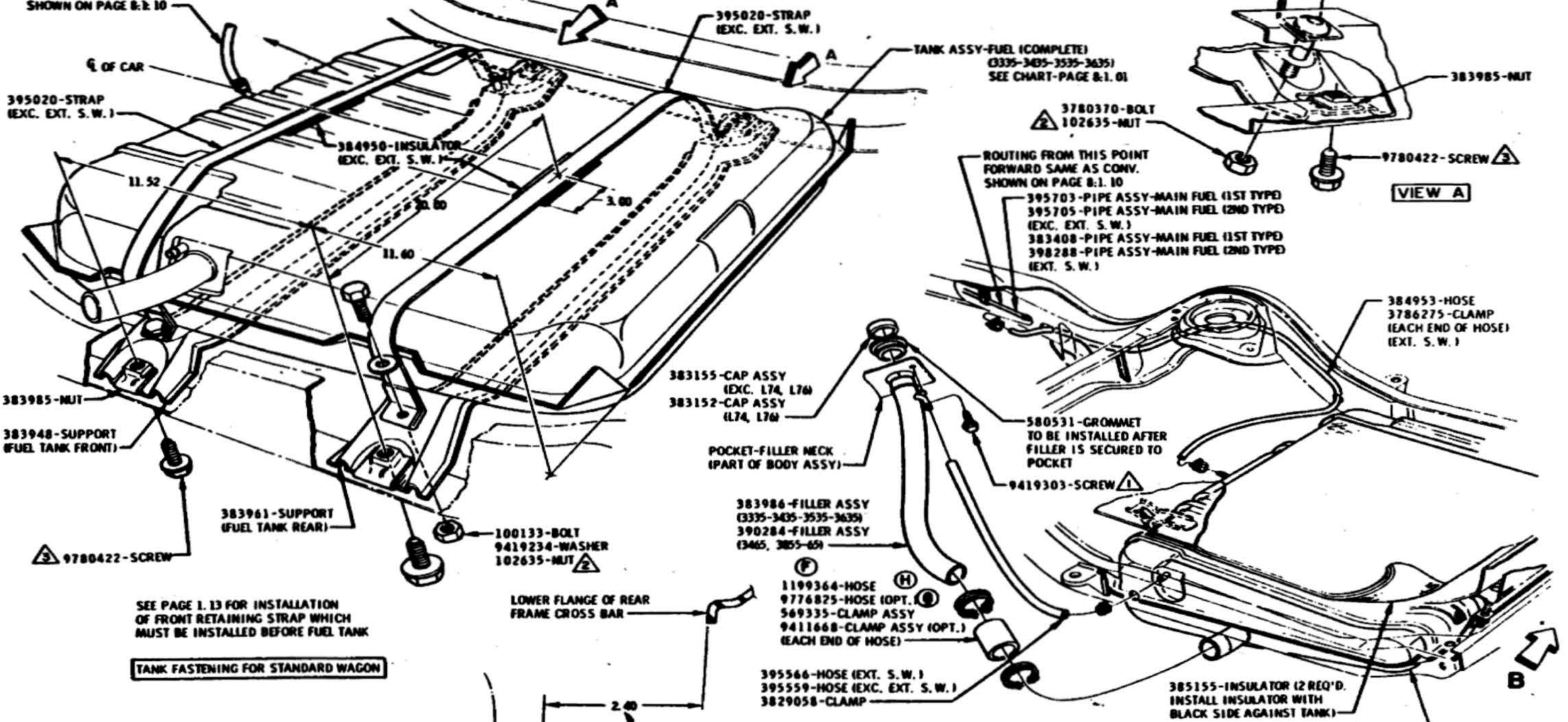
GENERAL MOTORS CORPORATION
LANSING - MICHIGAN



REVISION				TITLE				FUEL SYSTEM		MANUAL SECTION		PAGE
				9-30-66	E	END TYPE ADDED	DATE	FEBRUARY 17, 1966	FIRST USED	1967	8	1.11
				8-5-66	D	NOTE REVISED	OR BY	ED J. ROE				
				6-13-66	C	PART NO. KEMJED	CHECKED	J. J. Bernhart				
				6-7-66	B	REVISED TO DETAIL	APPR.	J. J. Bernhart				
				12-19-66	F	TORQUE ADDED	DR. CL. APPR.					
				8-2-66	A	FASTENING REVISED						
DATE	SYM	REVISION	DR. CK.	DATE	SYM	REVISION	DR. CK.	APPR.	SERIES	A	PART NO.	394435

FUEL LINE ROUTING & PART NUMBERS SHOWN ON PAGE 8-1.10

FRONT OF CAR



VIEW A

VIEW B

BALANCE OF INFORMATION SHOWN ON PAGE 8-1.10

TANK ASSY-FUEL COMPLETE (3465, 3855-65) SEE CHART - PAGE 8-1.01

STATION WAGON MODEL S

SEE PAGE 1.13 FOR INSTALLATION OF FRONT RETAINING STRAP WHICH MUST BE INSTALLED BEFORE FUEL TANK

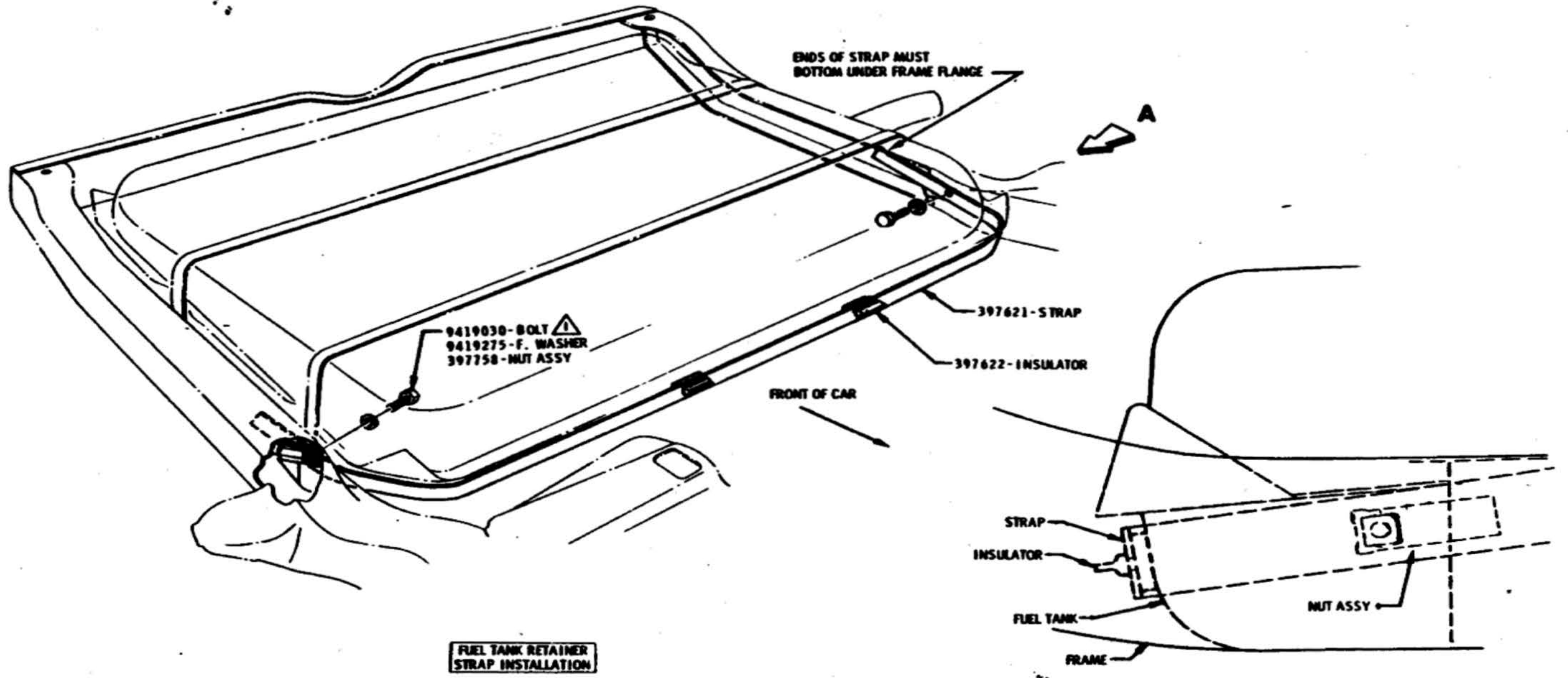
TANK FASTENING FOR STANDARD WAGON

THIS DIMENSION CONTROLS FORE AND AFT LOCATIONS OF FUEL TANK TO FRAME AT THE CENTERLINE OF CAR.

- 1 20 - 25 LB. IN.
- 2 96 - 120 LB. IN.
- 3 18 - 24 LB. FT.

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
					2-19-66	E	WAS 1199364-HOSE									FUEL SYSTEM				
					2-19-66	D	2ND TYPE ADDED										1967		8	1.12
					12-6-66	H	9776825 WAS 9776828													
					10-18-66	G	9776828-HOSE (OPT) ADDED													
					10-18-66	F	WAS 398298-HOSE													
					3-8-66	A	WAS 384420 & 384470													

PART NO 394435



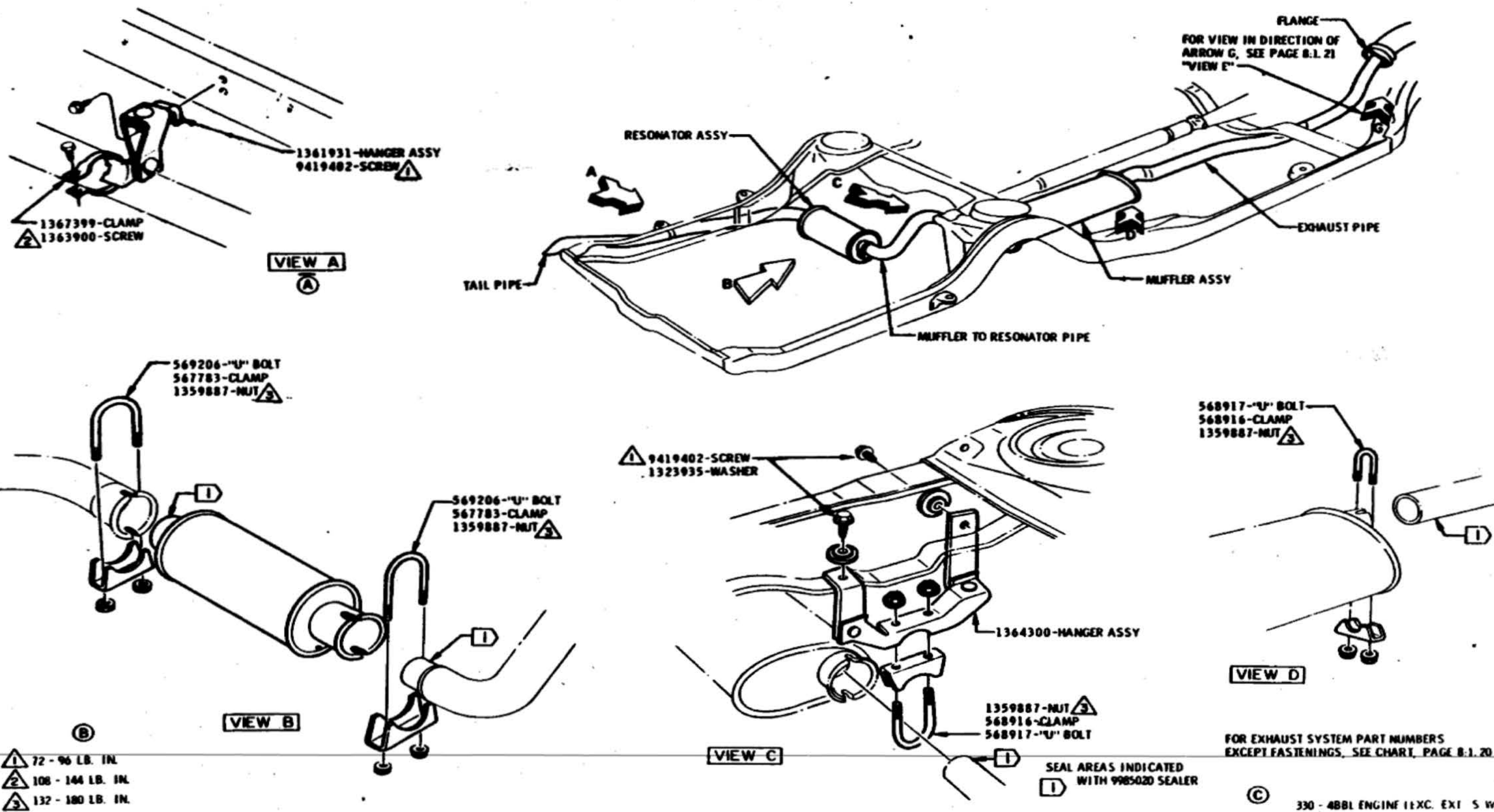
FUEL TANK RETAINER STRAP INSTALLATION

VIEW A

⚠ 15 - 20 LB. FT.

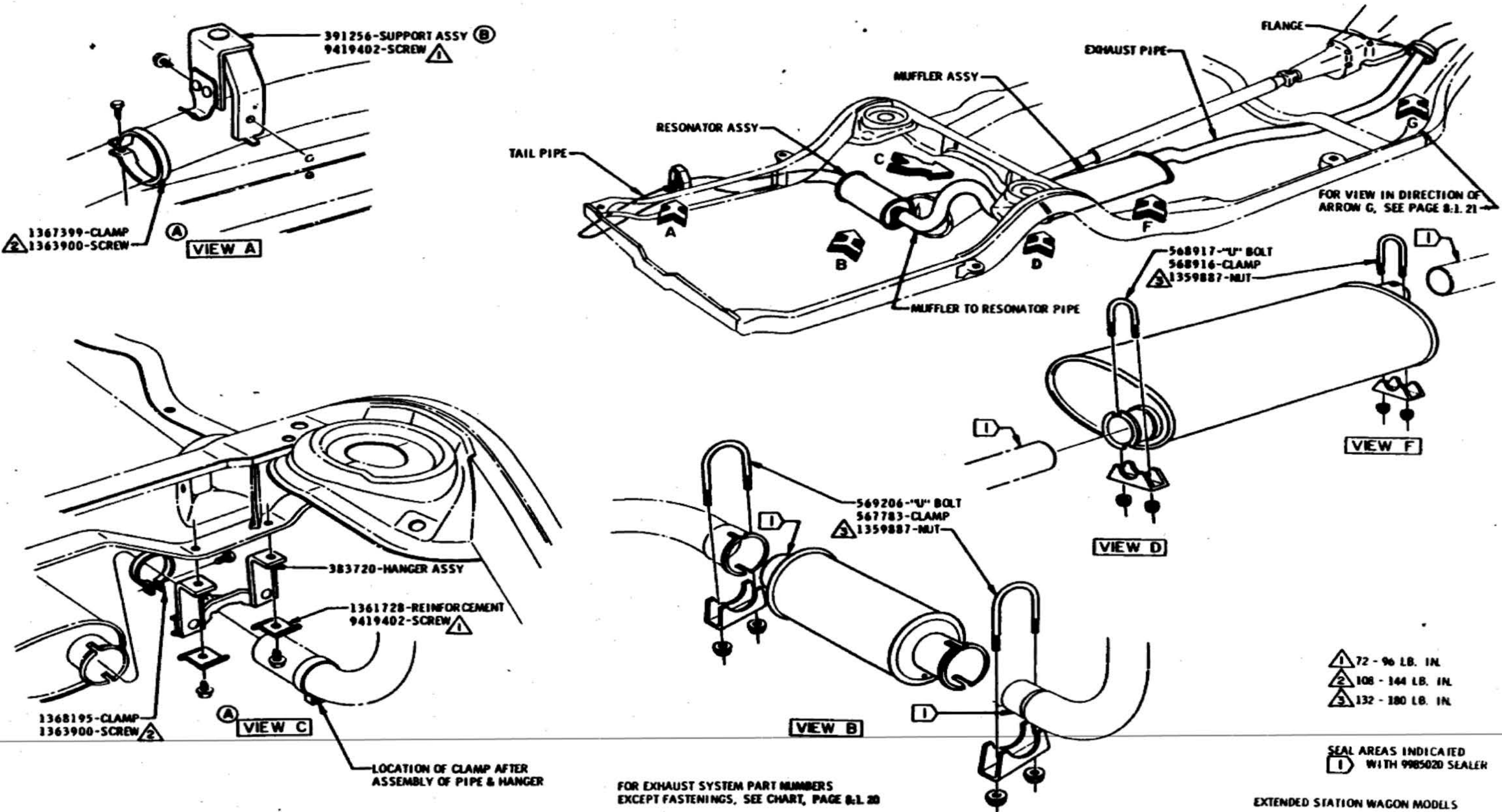
STANDARD STATION WAGON ONLY

DATE					SYN					REVISION					DR. CK.					TITLE				
																				FUEL SYSTEM				
																				DATE <i>JUNE 7, 1966</i>				
																				FIRST USED				
																				1967				
																				OLDSMOBILE PRODUCT				
																				INFORMATION MANUAL				
																				MANUAL SECTION				
																				8				
																				PAGE				
																				1.13				
																				SERIES				
																				8B				
																				MODEL				
																				A				
																				PART NO				
																				394435				



© 330 - 481B ENGINE 11XC. EX1 5 W.1

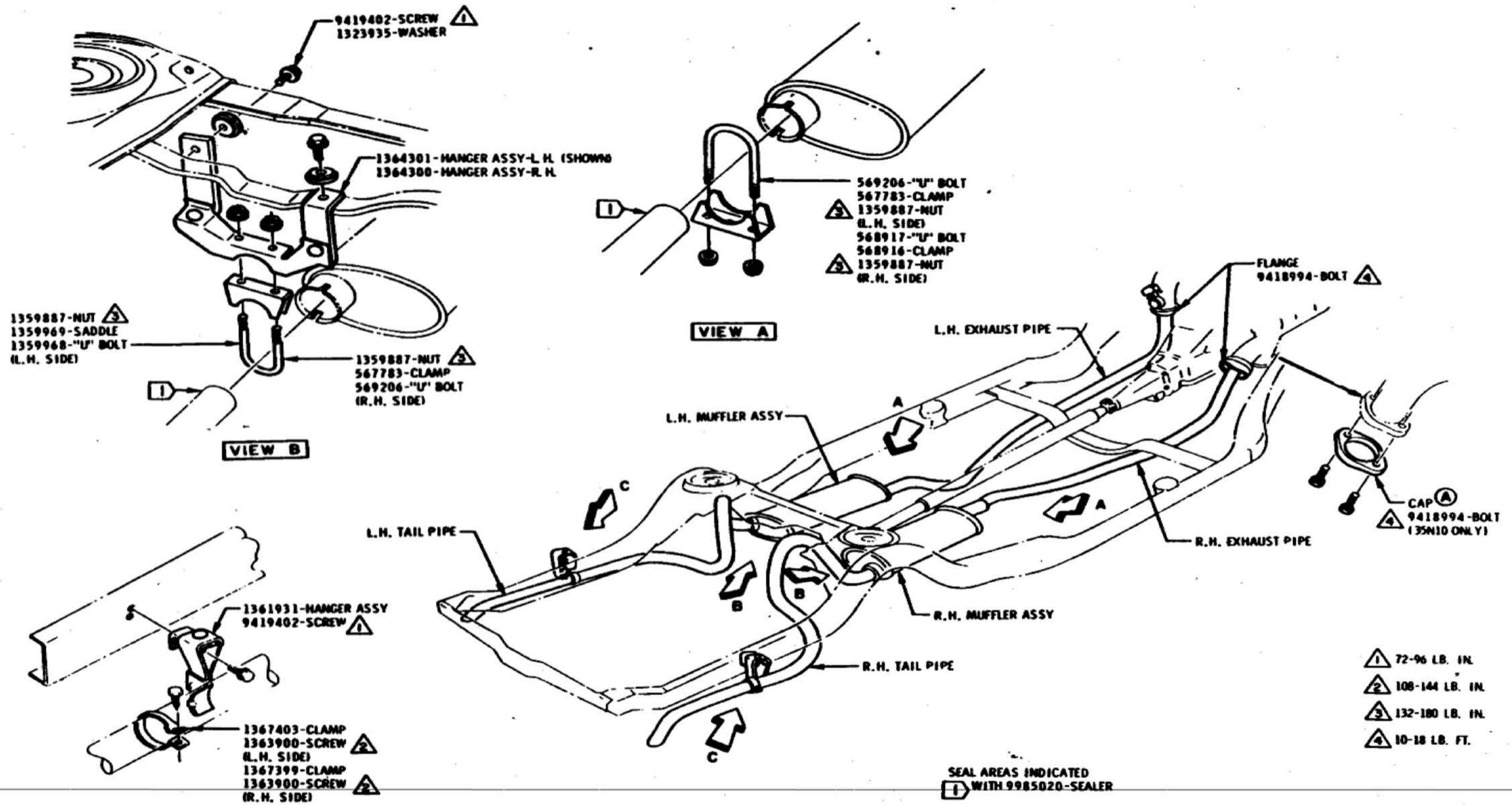
											TITLE EXHAUST SYSTEM						
											DATE FEBRUARY 15, 1966	FIRST USED 1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 8	PAGE 1.22		
82966 C NOTE REVISED											APPROVED BY ED J. ROE						
5-16-66 B TORQUES ADDED											CHECKED APPROVED APPR. J. P. [Signature]						
82966 A VIEW REVISED											APPROVED BY T. [Signature]						
DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	APPR.	SERIES A	PART NO. 394435



FOR EXHAUST SYSTEM PART NUMBERS
EXCEPT FASTENINGS, SEE CHART, PAGE 8:1.20

EXTENDED STATION WAGON MODELS

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																EXHAUST SYSTEM	1967		8	123
							5-266	B				REVISED TO DETAIL				DATE FEBRUARY 13, 1966				
							2-284	A				REVISED TO DETAIL				DR BY ED J. ROE				
																CHECKED BY [Signature]				
																APPR. BY [Signature]				
																SERIES				
																A				
																PART NO.				
																394435				



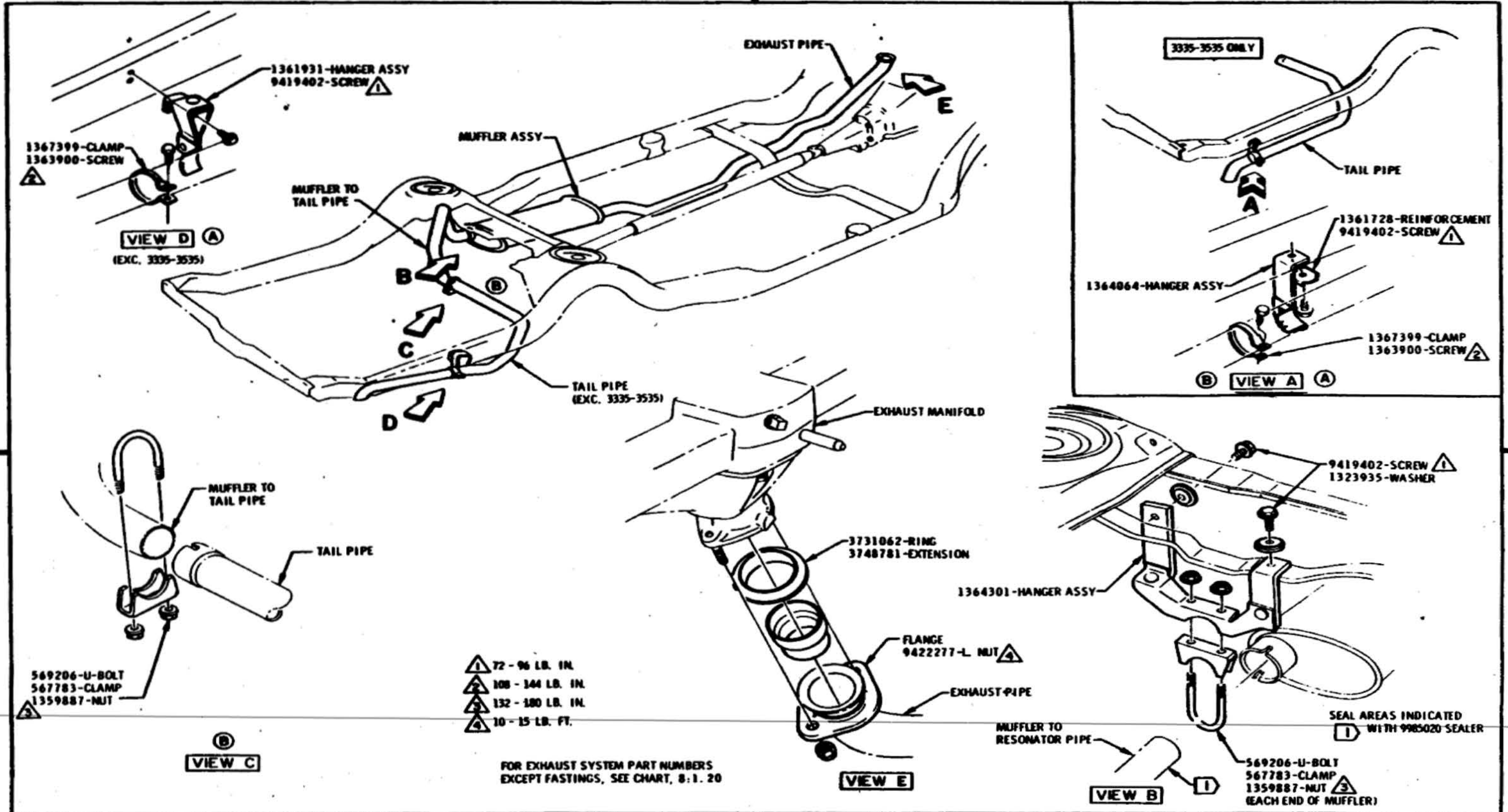
- 1 72-96 LB. IN.
- 2 108-144 LB. IN.
- 3 132-180 LB. IN.
- 4 10-18 LB. FT.

SEAL AREAS INDICATED WITH 9985020-SEALER

FOR EXHAUST SYSTEM PART NUMBERS EXCEPT FASTENINGS, SEE CHART, PAGE 8:1. 20

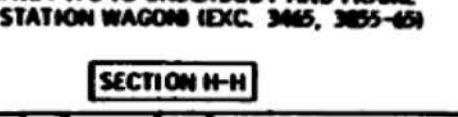
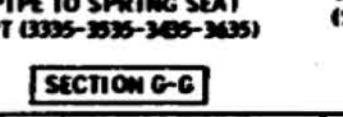
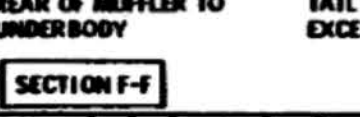
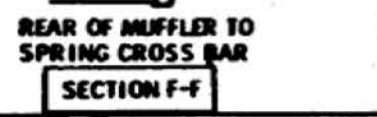
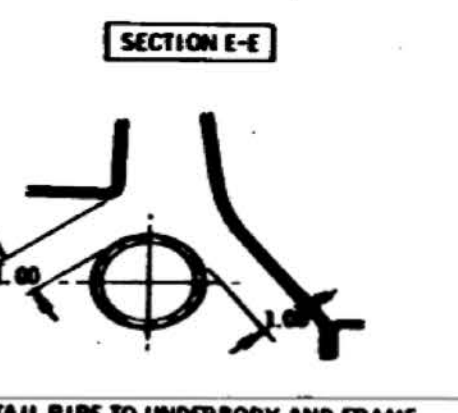
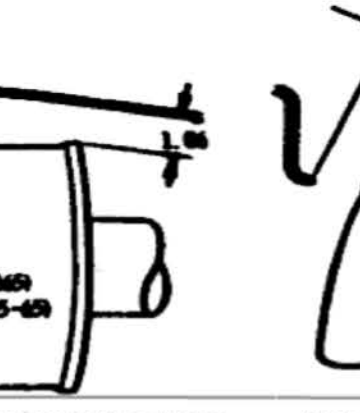
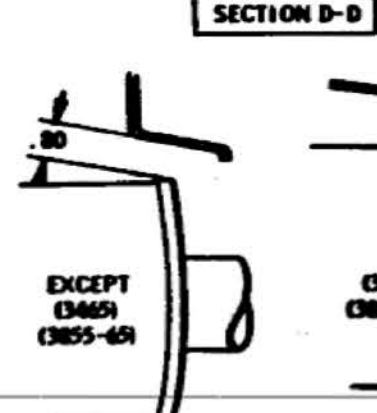
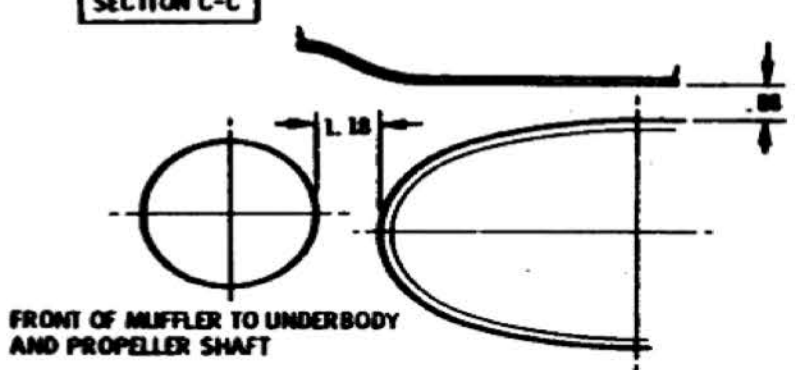
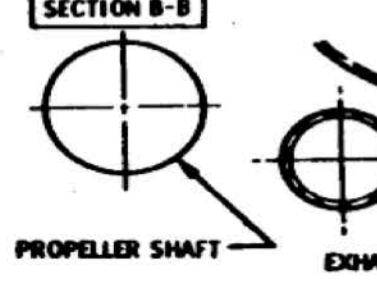
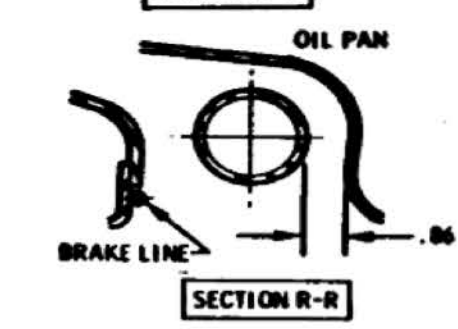
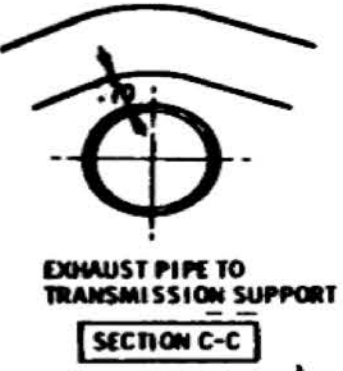
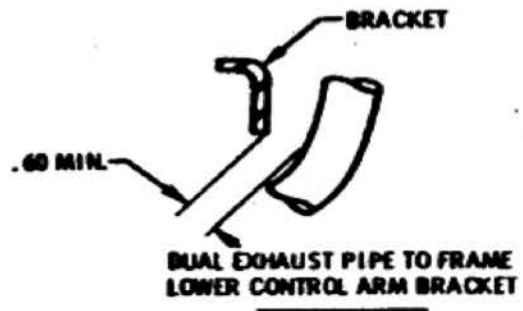
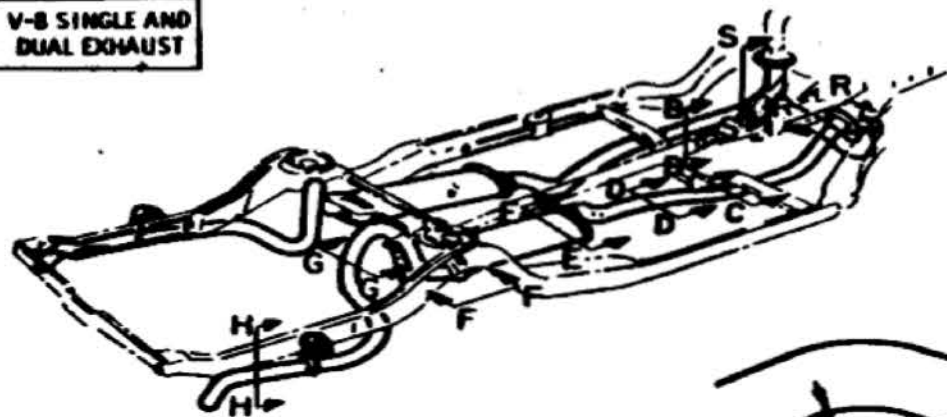
DUAL EXHAUST SYSTEM (35N10 AND 35NC1)

REVISIONS										TITLE				FIRST USED		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE	
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	REF.	SERIES	PART NO.			
																	A	394435	8	124A	
										EXHAUST SYSTEM				1967							
										DATE AUGUST 26, 1966											
										DR BY ED J. ROE											
										CHECKED BY [Signature]											
										APPR. [Signature]											
										2166 A PART NO REMOVED											

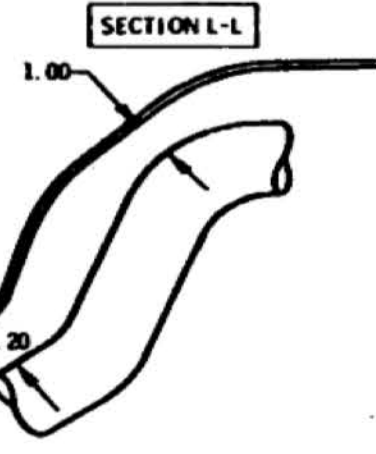
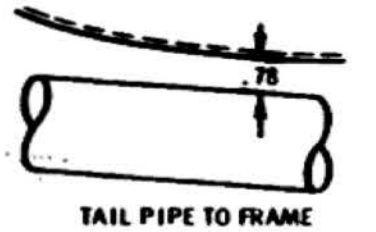
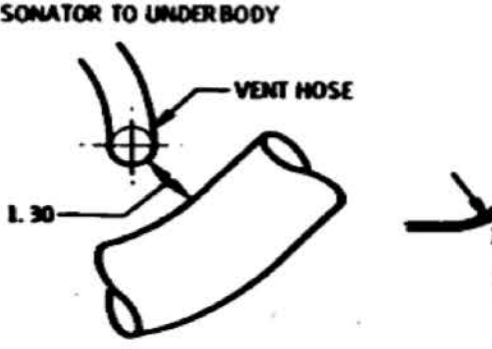
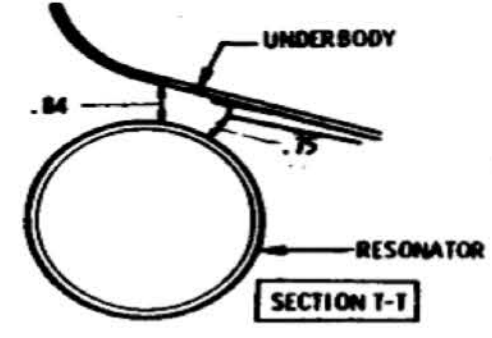
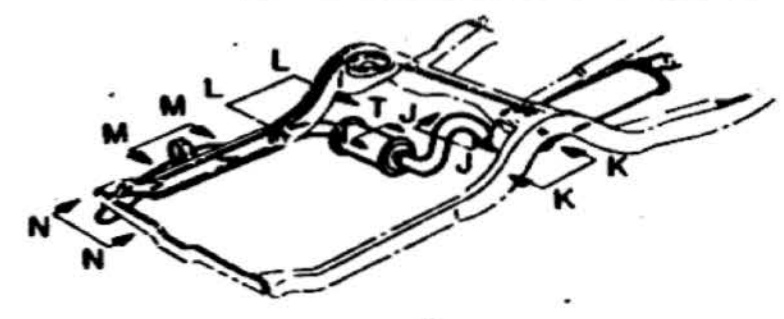
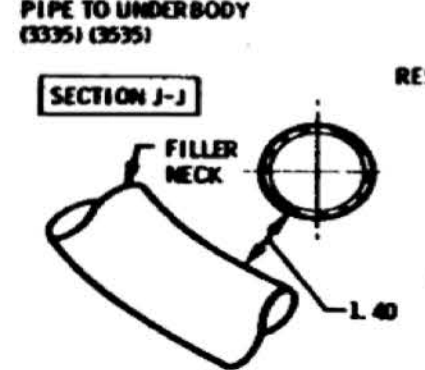
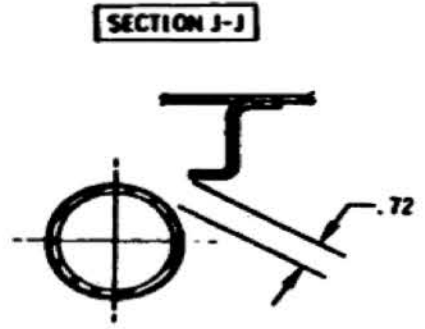
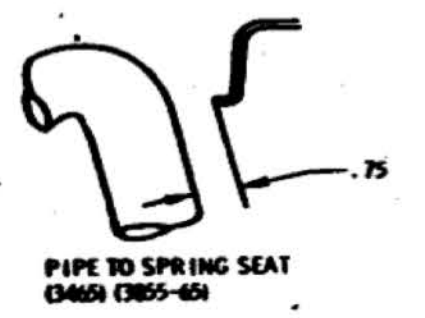


TITLE										L6 EXHAUST SYSTEM	
DATE FEBRUARY 15, 1966										FIRST USED	
DR. BY ED J ROE										1967	
CHECKED <i>[Signature]</i>										OLDSMOBILE PRODUCT INFORMATION MANUAL	
APP. <i>[Signature]</i>										MANUAL SECTION	
DR. CKL. APPR. <i>[Signature]</i>										8	
REVISION										PAGE	
5-6-66 B ₂ REVISED TO DETAIL										125	
2-7-66 A ₂ REVISED TO DETAIL										PART NO.	
										A	
										394435	

V-8 SINGLE AND DUAL EXHAUST



35L74 SINGLE EXHAUST WITH RESONATOR. MUFFLER & FORWARD SAME AS V-8 SINGLE FOR CLEARANCES



REVISION										TITLE																
DATE	BY	REVISION	OR	CHK	DATE	BY	REVISION	OR	CHK	DATE	BY	REVISION	OR	CHK	APPR.	EXHAUST SYSTEM										
																DATE	FEBRUARY 15, 1966	FIRST USED	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	8	PAGE	1.26		
																APPR.										
																SERIES	A								PART NO.	394435

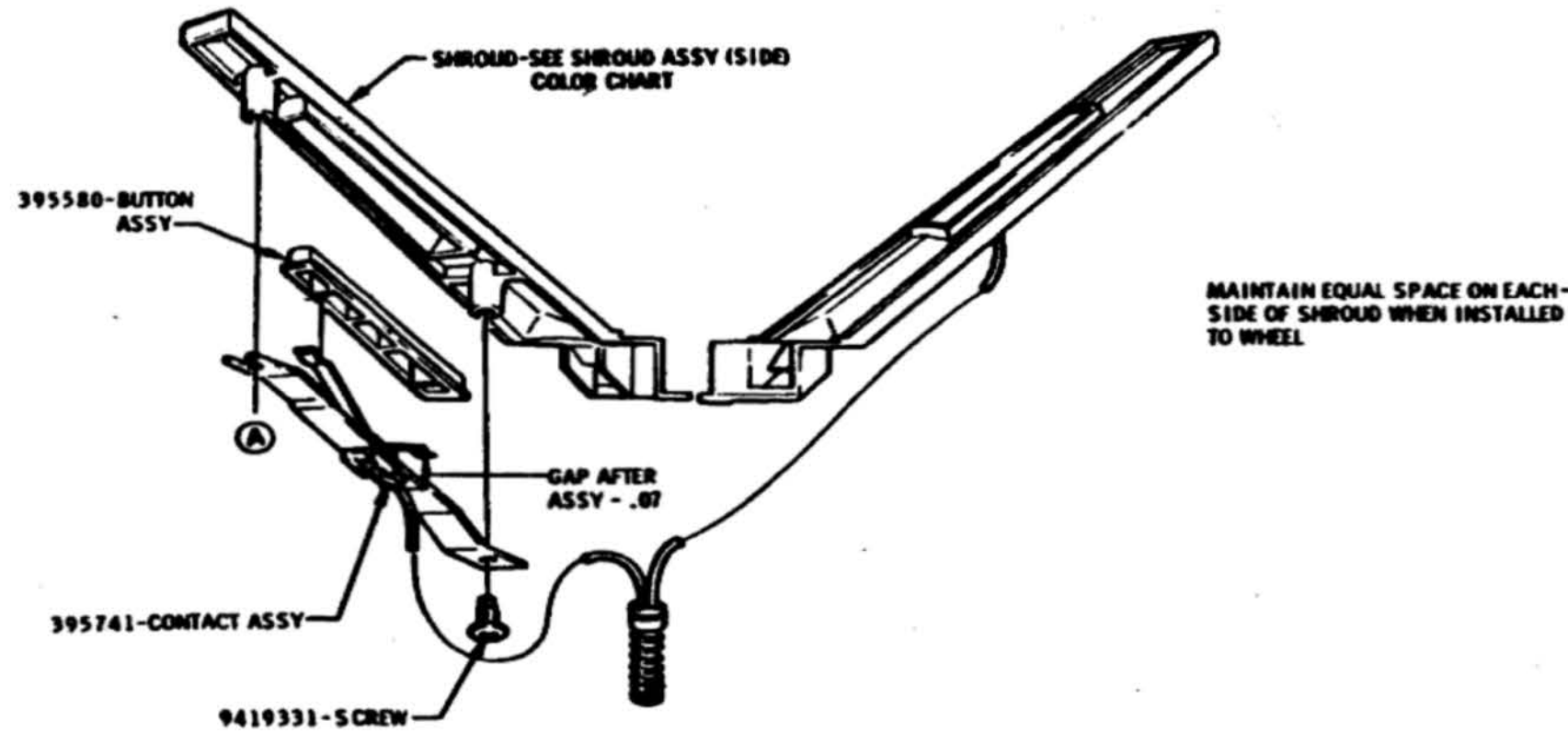
STEERING - SECTION 9

- 1.01 POWER STEERING INSTALLATION & FILL PROCEDURE CHART**
- 1.05 STEERING COLUMN TAPE IDENTIFICATION CHART**
- 1.09 STEERING COLUMN SWITCHES AND COVER**
- 1.10 STEERING COLUMN FASTENINGS**
- 1.11 DELUXE STEERING WHEEL**
- 1.12 STEERING WHEEL AND LEVER**
- 1.13 TILT WHEEL AND LEVERS**
- 1.14 L6 STEERING GEAR AND HOSES**
- 1.15 V8 STEERING GEAR AND HOSES**

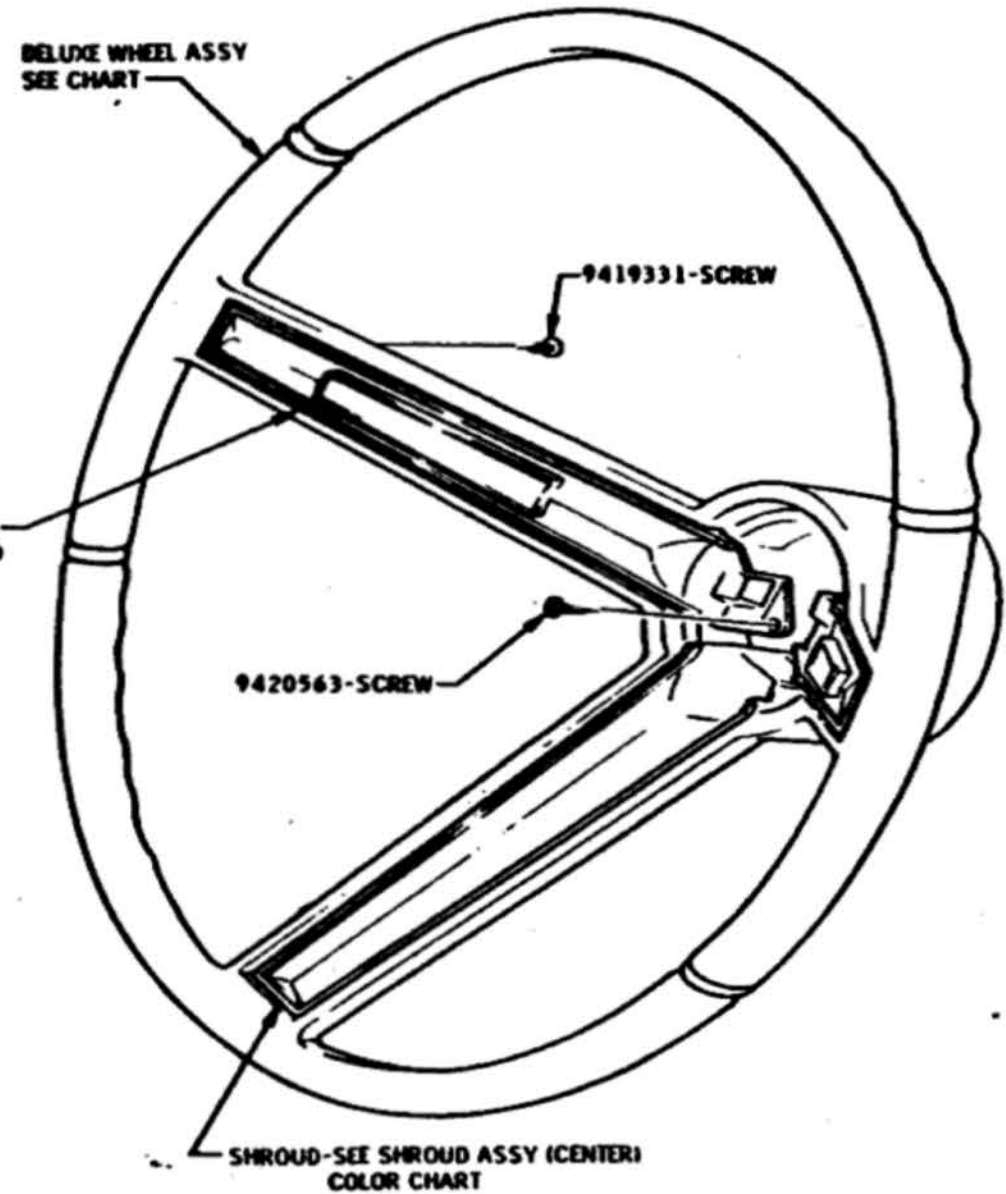
POWER STEERING INSTALLATION AND FILL PROCEDURE

1. POWER STEERING GEAR TO BE INSTALLED ON FRAME WITH PLASTIC PLUGS IN PLACE.
NOTE: "E" ONLY - PITMAN ARM TO BE PREASSEMBLED TO GEAR (100-210 LB. FT. TORQUE) PRIOR TO INSTALLATION ON FRAME.
2. DO NOT REMOVE PLASTIC PLUGS FROM STEERING GEAR UNTIL:
 - A. AFTER PITMAN ARM IS INSTALLED ON GEAR SPLINE.
 - B. A MINIMUM OF 15 SECONDS HAVE ELAPSED AFTER COMPLETING PITMAN ARM INSTALLATION.
 - C. IMMEDIATELY BEFORE INSTALLING THE HOSE ASSEMBLIES TO THE GEAR.
3. DO NOT CRANK THE GEAR UNTIL AFTER FILL OPERATION.
4. TIGHTEN HOSE ASSEMBLY FITTINGS ON GEAR AND POWER STEERING PUMP WITH 20-35 LB. FT. TORQUE.
5. FILL POWER STEERING SYSTEM WITH A RECIRCULATING FILL SYSTEM USING POWER STEERING FLUID (MDSO10).
FILL SYSTEM VACUUM IS NOT TO EXCEED 29" HG AND PRESSURE IS NOT TO EXCEED 35PSI AT POWER STEERING PUMP.
6. PUMP MUST BE FULL AND FILL SYSTEM RECIRCULATING WHEN THE PUMP IS INITIALLY ROTATED. OPERATE PUMP A MINIMUM OF 30 SECONDS BEFORE FILL SYSTEM IS REMOVED.
A SPEED OF 900 TO 1000 RPM IS GENERALLY REQUIRED TO INSURE PUMP PRIME.
7. CHECK FLUID LEVEL AND ADD AS REQUIRED PRIOR TO TEST ROLLS (TO BE AT BOTTOM OF FILLER NECK WHEN COLD).
8. DO NOT CRANK STEERING WHEEL UNTIL FILL OPERATION IS COMPLETED AND LEVEL CHECKED.
9. CHECK HOSES AND FITTINGS FOR LEAKS.
10. INSPECT FLUID LEVEL AFTER ROLLS WHILE OIL IS HOT. ADJUST FLUID LEVEL, AS REQUIRED, TO WITHIN \pm 1/2 INCH OF THE FLUID LEVEL MARK ON THE PUMP RESERVOIR FILLER NECK.

TITLE CHART-POWER STEERING INSTALLATION & FILL PROCEDURE											
DATE <u>JAN. 26, 1966</u>						PART USED <u>1967</u>		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION <u>9</u> PAGE <u>1.01</u>	
DR. BY <u>R. LOVELL</u>						APPR. <u>J. GUSTE</u>		SERIES <u>ABCE</u>		PART NO. <u>396181</u>	
DATE	BY	REVISION	DR. CK.	DATE	BY	REVISION	DR. CK.	DATE	BY	REVISION	DR. CK.



MAINTAIN EQUAL SPACE ON EACH SIDE OF SHROUD WHEN INSTALLED TO WHEEL

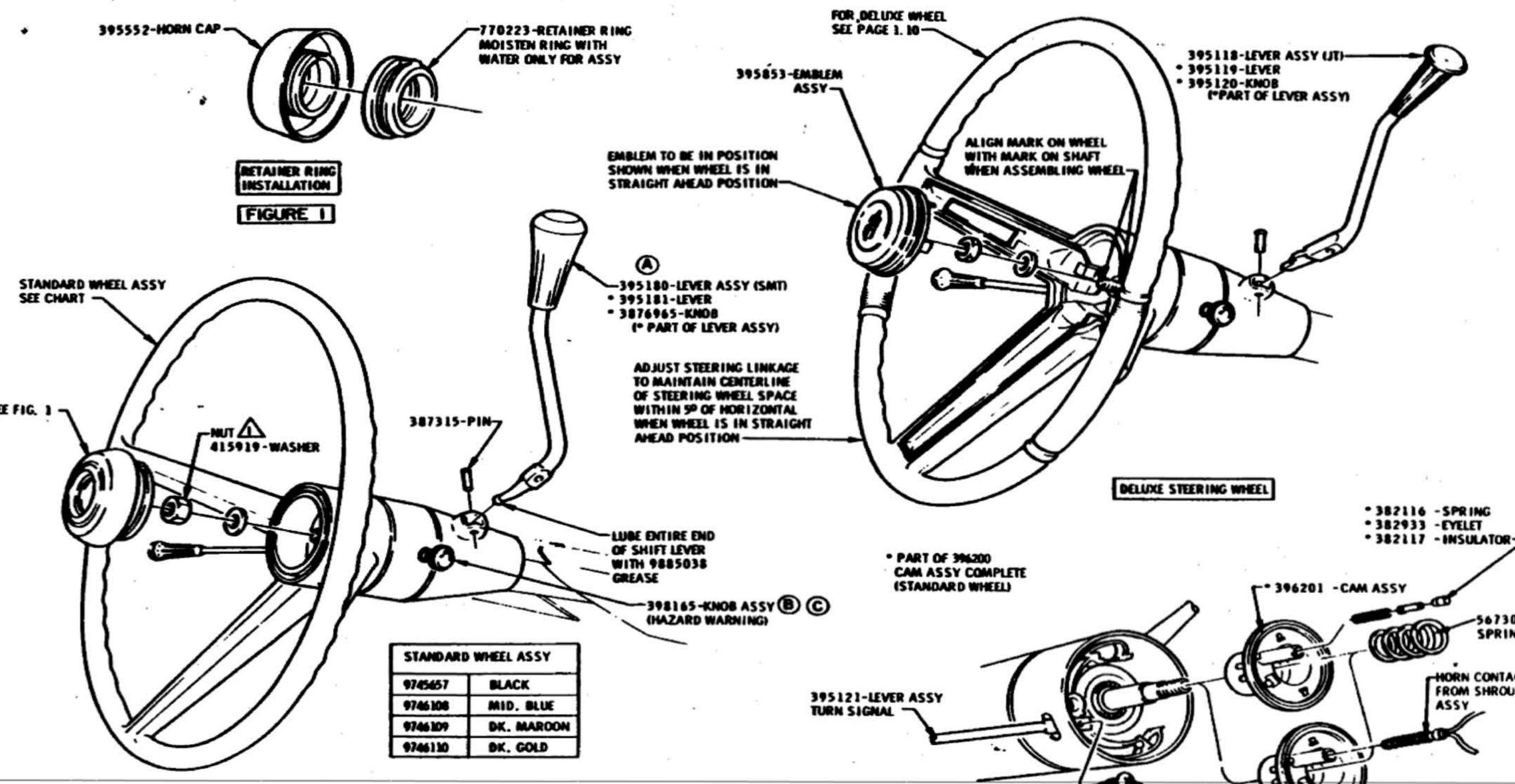


WHEEL SHROUD ASSY (CENTER)	
395841	BLACK
395842	MID. BLUE
395843	DK. MAROON
395844	DK. GOLD
395845	DK. TURQUOISE

WHEEL SHROUD ASSY (SIDE)	
395788	BLACK
395789	MID. BLUE
395790	DK. MAROON
395791	DK. GOLD
395792	DK. TURQUOISE

DELUXE WHEEL ASSY	
9745816	BLACK
9745817	MID. BLUE
9745818	DK. MAROON
9745819	DK. GOLD
9745820	DK. TURQUOISE

DELUXE STEERING WHEEL																		
DATE <i>APRIL 5, 1966</i>																		
				FIRST USED 1967				OLDSMOBILE PRODUCT INFORMATION MANUAL				MANUAL SECTION 9		PAGE 1.11				
								CHECKED BY <i>W. J. ...</i>				SERIES A		PART NO. 394435				
DATE	BYM	REVISION	DR.	CK.	DATE	BYM	REVISION	DR.	CK.	DATE	BYM	REVISION	DR.	CK.	DATE	BYM	REVISION	
							7-8-66 B					DK. TURQUOISE ADDED						
							9-20-66 A					SCREW REMOVED						



395552-HORN CAP

770223-RETAINER RING
MOISTEN RING WITH
WATER ONLY FOR ASSY

FOR DELUXE WHEEL
SEE PAGE 1.10

395118-LEVER ASSY (LT)
• 395119-LEVER
• 395120-KNOB
(*PART OF LEVER ASSY)

RETAINER RING
INSTALLATION

FIGURE 1

395853-EMBLEM
ASSY

EMBLEM TO BE IN POSITION
SHOWN WHEN WHEEL IS IN
STRAIGHT AHEAD POSITION

ALIGN MARK ON WHEEL
WITH MARK ON SHAFT
WHEN ASSEMBLING WHEEL

STANDARD WHEEL ASSY
SEE CHART

A
395180-LEVER ASSY (SMT)
• 395181-LEVER
• 387695-KNOB
(* PART OF LEVER ASSY)

ADJUST STEERING LINKAGE
TO MAINTAIN CENTERLINE
OF STEERING WHEEL SPACE
WITHIN 5° OF HORIZONTAL
WHEN WHEEL IS IN STRAIGHT
AHEAD POSITION

DELUXE STEERING WHEEL

SEE FIG. 1

NUT
415919-WASHER

387315-PIN

LUBE ENTIRE END
OF SHIFT LEVER
WITH 988503B
GREASE

* PART OF 396200
CAM ASSY COMPLETE
(STANDARD WHEEL)

• 382116 - SPRING
• 382933 - EYELET
• 382117 - INSULATOR

398165-KNOB ASSY B C
(HAZARD WARNING)

STANDARD WHEEL ASSY

974567	BLACK
9746108	MID. BLUE
9746109	DK. MAROON
9746110	DK. GOLD

* 396201 - CAM ASSY

5673012-
SPRING

HORN CONTACT
FROM SHROUD
ASSY

395121-LEVER ASSY
TURN SIGNAL

9425578-
SCREW

LUBE UNDERSIDE OF
CANCEL CAM WITH
A LIGHT FILM
OF 988500B

TURN SIGNAL CANCELING
CAM INSTALLATION
(EXC. TILT WHEEL)

396201-CAM ASSY
(DELUXE WHEEL)

STANDARD STEERING WHEEL

30 - 40 LB. FT.

										TITLE: STEERING WHEEL & LEVER																			
DATE				SYM				REVISION				DATE				SYM				REVISION				DATE		SYM		REVISION	
								5-16-66 C				WAS 397724-KNOB ASSY				APRIL 6, 1966		FIRST USED		1967		OLDSMOBILE PRODUCT INFORMATION MANUAL				MANUAL SECTION		PAGE	
								6-23-66 B				WAS 806226-KNOB				APR 6, 1966										9		1.12	
								5-26-66 A				REVISED TO DETAIL														PART NO.		394435	
																										A			

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

SERIES	EXPORT OPTION		DOMESTIC OR EXPORT								
	W32	P16	W29 & M63	W29	W28 & PR5	W28	T17	T15	P28	P26	STD.
33307 33335 33369	--	PF	--	--	--	--	--	PE	IY	PR	CR
33407 33469	XY	PF	--	--	--	--	--	PE	IY	PR	CR
33435	--	PF	--	--	--	--	--	PE	IY	PR	CR
33465	--	RF	--	--	--	--	RE	--	--	RR	DR
33517 33535 33539 33569	--	PF	--	--	--	--	--	PE	IY	PR	CR
33567	--	PF	--	--	--	--	--	PE	--	PR	CR
33617 33639 33669	XY	PF	--	--	--	--	--	PE	IY	PR	CR
33667	XY	PF	--	--	--	--	--	PE	--	PR	CR
33635	--	PF	--	--	--	--	--	PE	IY	PR	CR
33807 33817	XY	PF	XY	WY	ZR	XY	--	PE	IY	PR	CR
33867	XY	PF	XY	WY	ZR	XY	--	PE	--	PR	CR
33839 33869	XY	PF	--	--	--	--	--	PE	IY	PR	CR
33855 33865	--	RF	--	--	--	--	RE	--	--	RR	DR

M63 IS WHITE STRIPE TIRE, 14" NYLON CORD
P16 IS EXPORT OPTION TIRE
P26 IS WHITEWALL TIRES
P28 IS 15" WHEEL & TIRE - B/W
PR5 IS RADIAL PLY TIRE
195 R14 WHITE RAYON
T15 IS 8-PLY 7.75 X 14 TIRES
T17 IS 8-PLY & 25 X 14 TIRES
W28 IS TURNPIKE PACKAGE
W29 IS "442" PERFORMANCE OPTION
W32 IS EXPORT WHEEL & TIRE
OPTION (7.75 X 14 WHITE STRIPED)

-- INDICATES THAT THE CONDITIONS SHOWN ARE NOT AVAILABLE.
& INDICATES TOGETHER WITH OPTION SHOWN.

CODE	PART NUMBERS				TIRE SIZE	PLY		WALL COLOR	CORD TYPE
	U. S. ROYAL	FIRESTONE	GOODRICH	GOODYEAR		ACTUAL	RATING		
CR	3904298	3867573	3867669	3867637	7.75 X 14	2	4	BLACK	RAYON
DR			390003	390004	8.25 X 14	2	4	BLACK	RAYON
IY		1371502			7.75 X 15	4	4	BLACK	NYLON
PE	3883536		3883538		7.75 X 14	4	8	WHITE	RAYON
PF				397737	7.75 X 14	4	*	WHITE	NYLON
PR	3904300	3883525	3883528	3883527	7.75 X 14	2	4	WHITE	RAYON
RE				393888	8.25 X 14	4	8	WHITE	RAYON
RF				397738	8.25 X 14	4	*	WHITE	NYLON
RR			392102	392103	8.25 X 14	2	4	WHITE	RAYON
WY		3909671		3909673	F70 X 14	2	4	RED	NYLON
XY	3901717	3901716		3901718	7.75 X 14	2	4	WHITE	NYLON
ZR	398098				195 R14	RADIAL		WHITE	RAYON

(M)
(M)
(K)

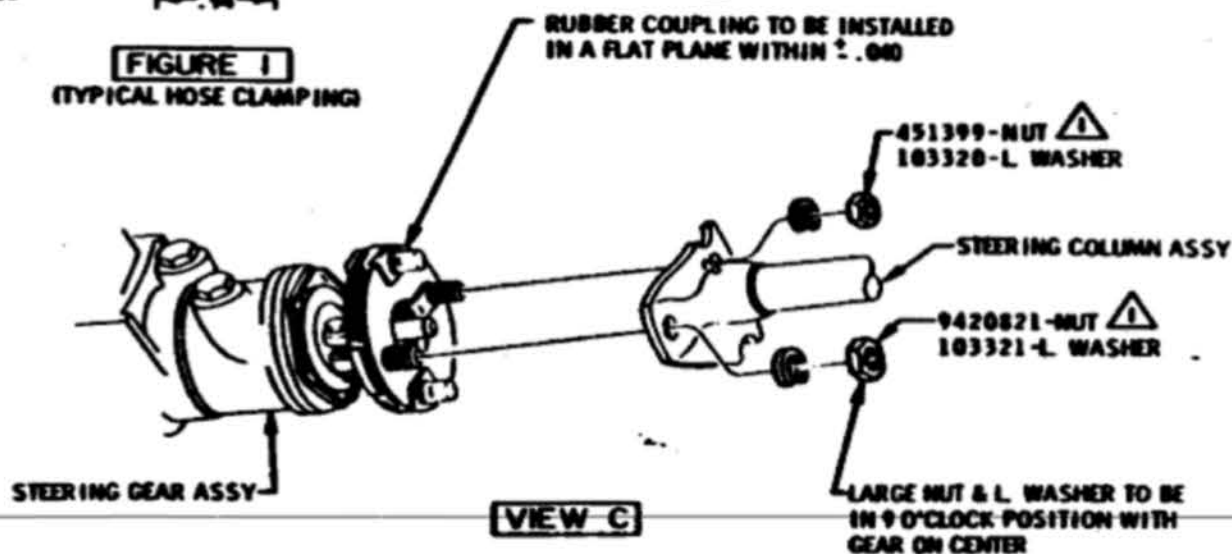
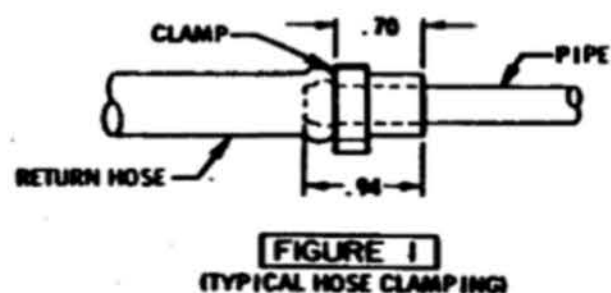
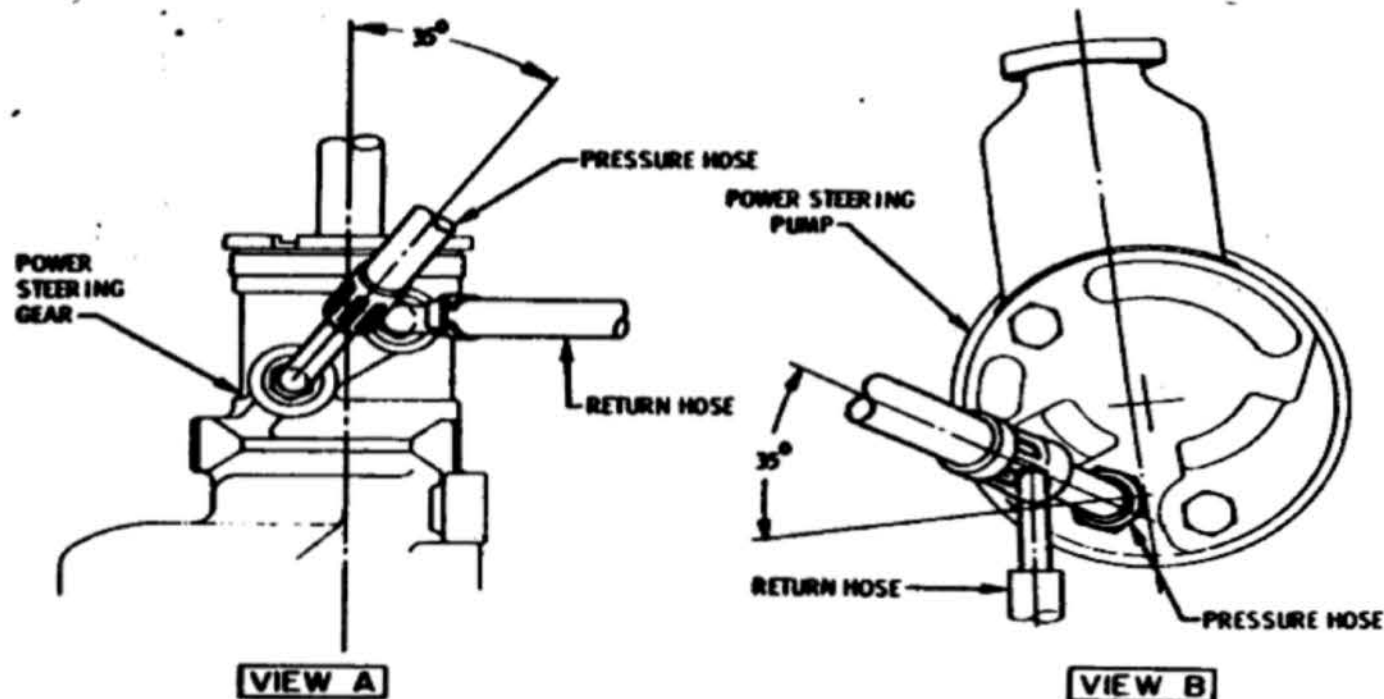
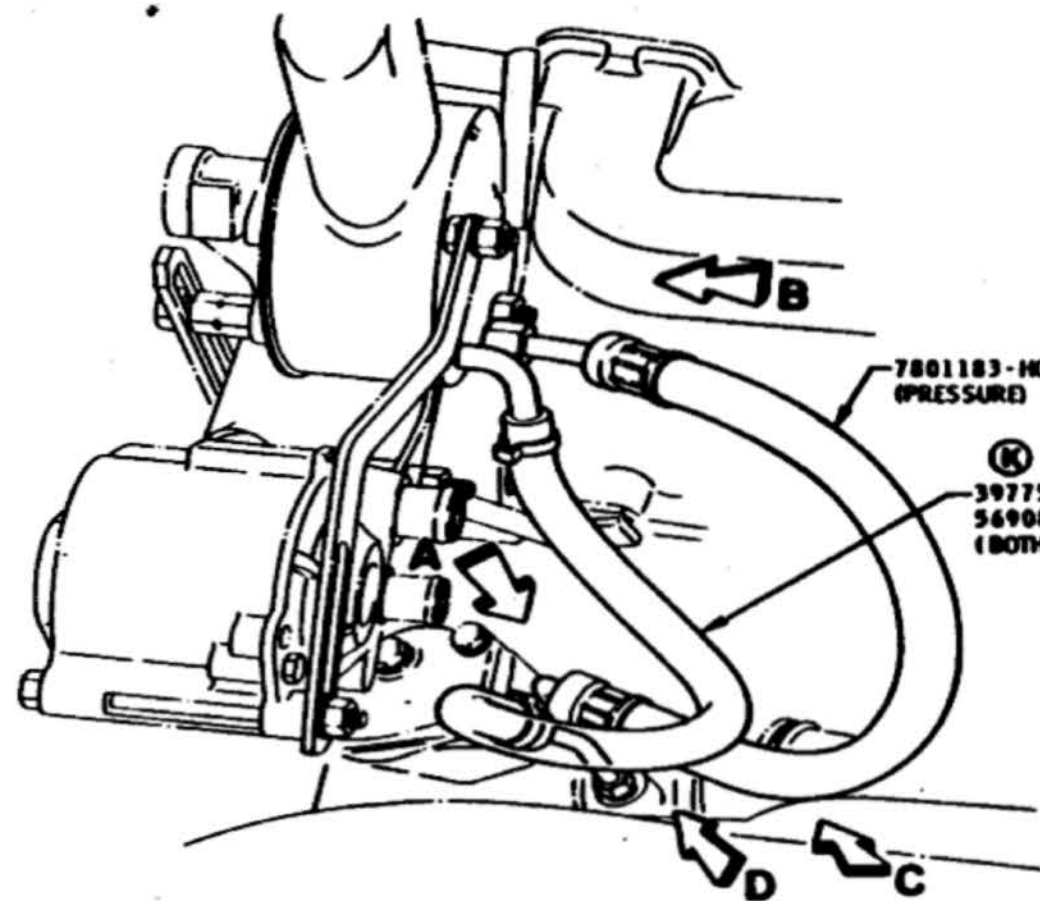
(N) TIRE CODE:
FIRST LETTER DETERMINES TIRE SIZE & WALL COLOR.
SECOND LETTER DETERMINES PLY OR CORD TYPE.
R - RAYON
Y - NYLON
E - 4-PLY 8-PLY RATING TIRES
F - 4-PLY CUSTOM POWER CUSHION TIRES
* NO PLY-RATING IS MOULDED ON TIRE SIDE WALL.

WHITEWALL
P - 7.75 X 14
R - 8.25 X 14
W - SPECIAL TIRES
F70 X 14 WIDE
ONAL RED STRIPE
X - SPECIAL TIRES
7.75 X 14 WHITE STRIPE
Z - 195 R14 RADIAL PLY

BLACKWALL
C - 7.75 X 14
D - 8.25 X 14
I - 7.75 X 15

TO READ CHART:
READING CHART FROM LEFT TO RIGHT, THE FIRST OPTION REACHED THAT IS COMPLETELY SATISFIED WILL INDICATE THE TIRE CODE TO BE USED ON THAT MODEL. IF NONE OF THE CONDITIONS ABOVE ARE SATISFIED, THE LAST COLUMN IS STANDARD CAR (LESS ALL OPTIONS SHOWN TO THE LEFT OF IT) AND WILL INDICATE THE TIRE CODE TO BE USED. PROCEED TO THE CORRELATION CHART TO FIND THE PART NUMBER, SIZE, PLY, COLOR AND TYPE OF TIRE FOR THAT CODE.

DATE		SYN	REVISION	DR	CK	DATE	SYN	REVISION	DR	CK	DATE	SYN	REVISION	DR	CK	DATE	SYN	REVISION	DR	CK	TITLE	CHART-TIRE USAGE			
																						FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																						1967		10	1.13
																						REF	SERIES	PART NO	
																							A	396651	



A 15 - 25 LB. FT.

FOR BALANCE OF INFORMATION SEE V-8 STEERING GEAR PAGE L 15

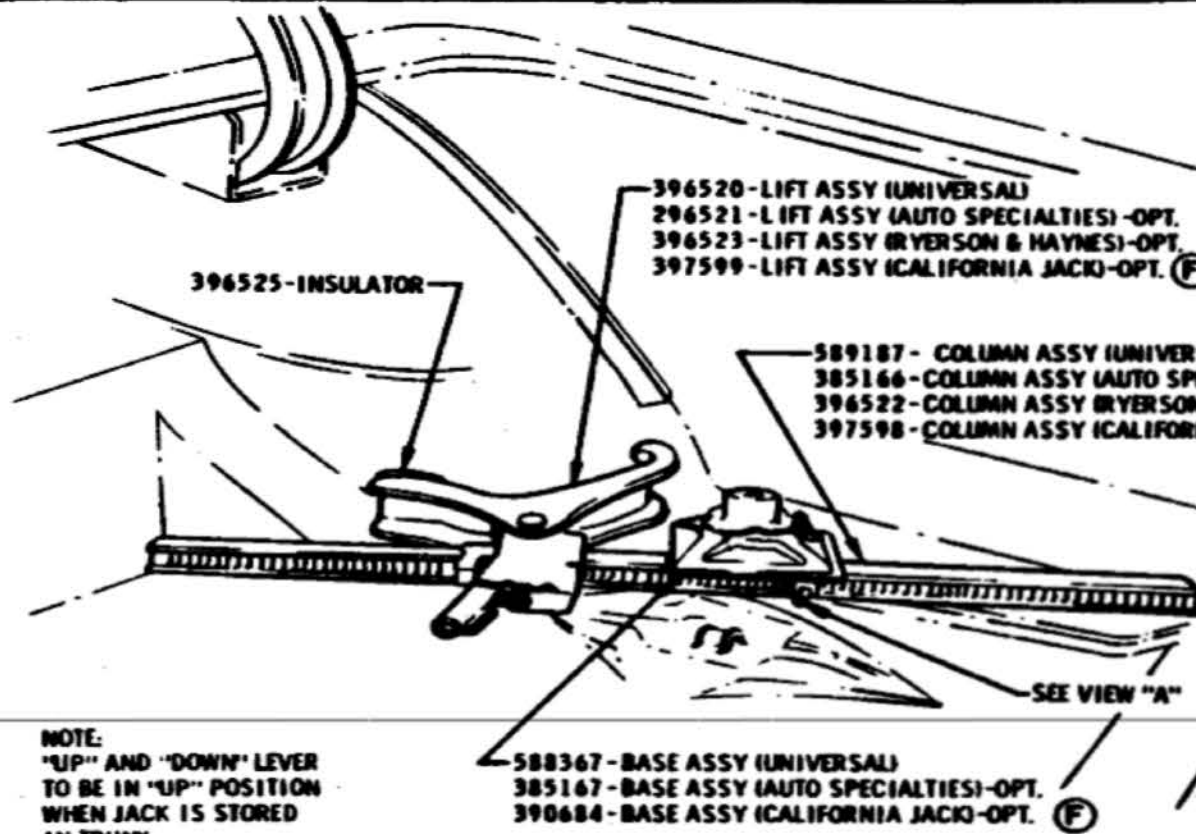
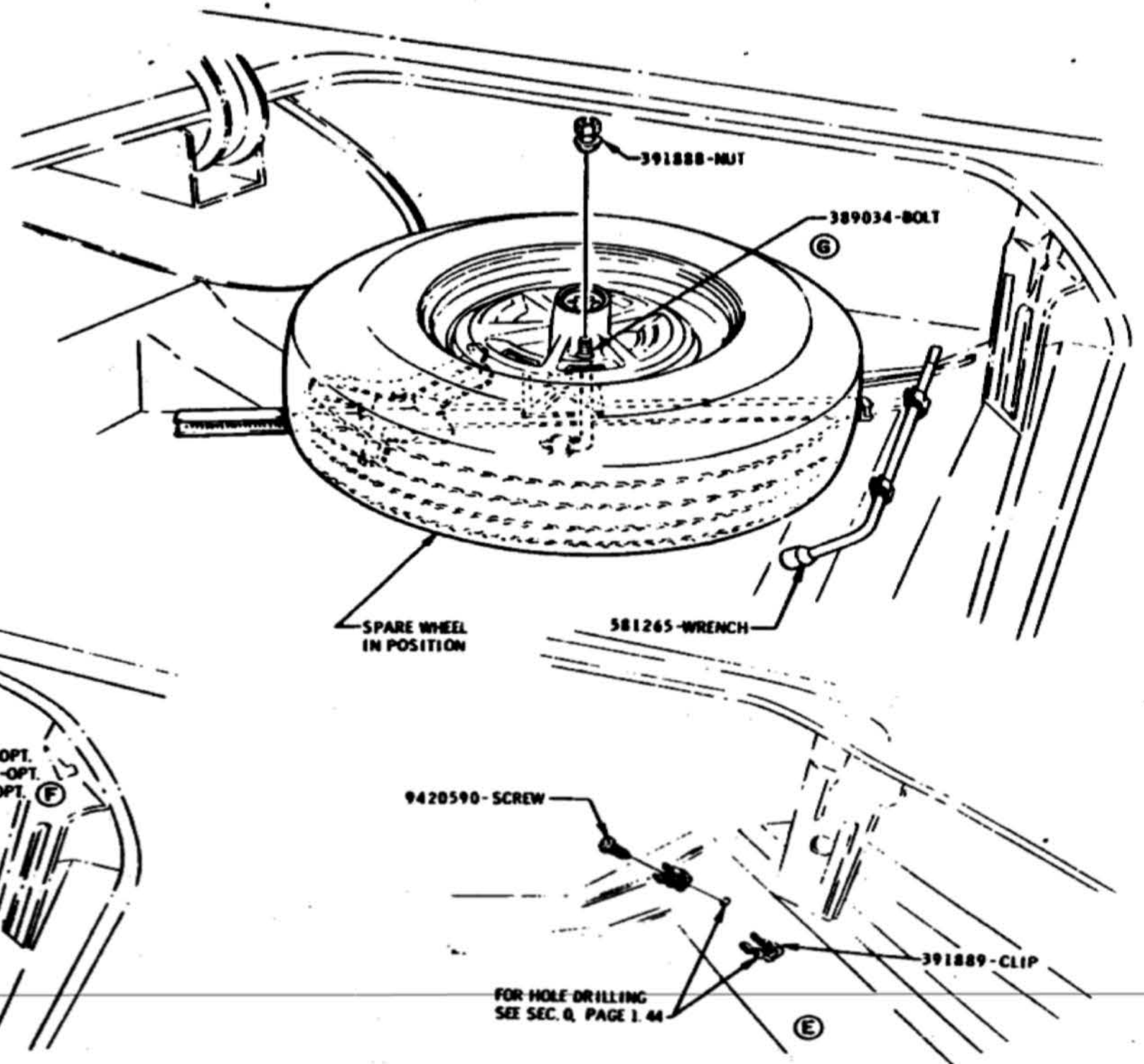
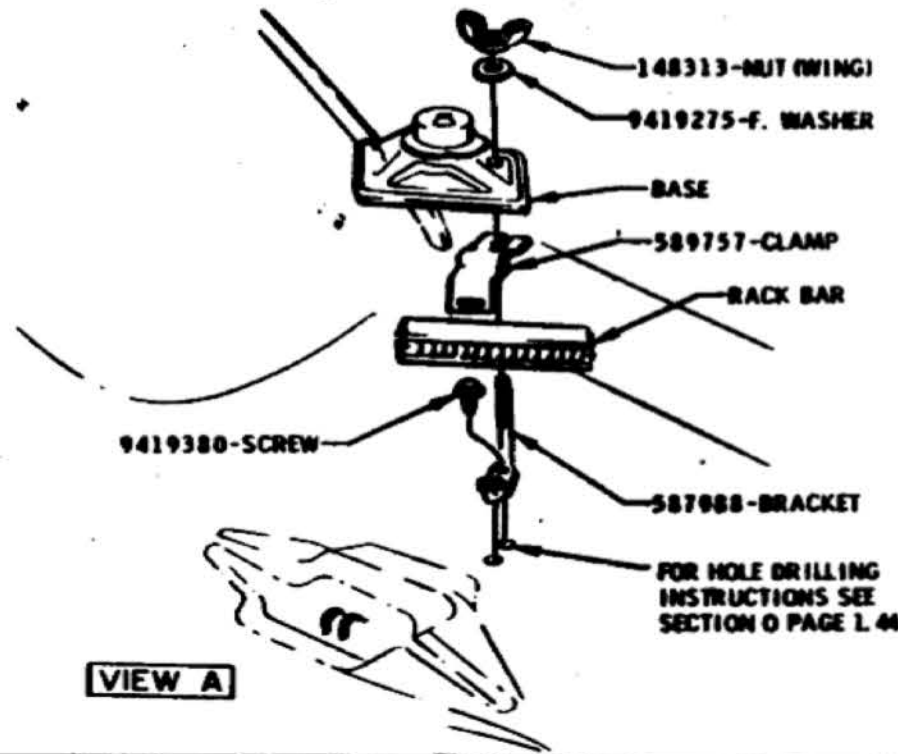
L STEERING COLUMN MUST BE INSTALLED SO THAT ITS CENTERLINE MEETS STEERING GEAR CENTERLINE WHEN CHECKED AT COUPLING FLANGE WITHIN .400"

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
		3-7-67	R		QMS	JPT	380			5-26-66	E	MAS	V-8							TITLE			9	1.14
		3-7-67	J		NOTE	REVISED				5-27-66	D	REVISED	RESORIAN							DATE	MARCH 18, 1966			
		12-7-66	H		NOTE	ADDED				8-26-66	C	MAS	5699249							DR. BY	H.E. RASON			
		10-11-66	G		VIEW	REVISED				8-26-66	B	MAS	578096	CLAMP						CHECKED	J.T. BUNDANT			
		5-27-66	F		MAS	38210B				5-27-66	A	COLOR	CODE	ADDED						APPR.	J. JUSTICE	1967	9	1.14
		5-1-67	L		NOTE	ADDED				5-27-66	F	MAS	38210B							SERIES	A		9	1.14
																				PART NO.			394435	

WHEELS & TIRES - SECTION 10

- 1.01 WHEEL AND TIRE ASSEMBLY**
- 1.02 STATION WAGON SPARE WHEEL AND JACK STOWAGE**
- 1.03 STANDARD SPARE WHEEL AND JACK STOWAGE**
- 1.04 CHROME SPARE WHEEL AND JACK STOWAGE**
- 1.13 TIRE USAGE CHART**
- 1.15 DELUXE WHEEL DISC ASSEMBLY**
- 1.17 CUSTOM TRIM WHEEL ASSEMBLY**

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING — MICHIGAN



NOTE:
"UP" AND "DOWN" LEVER
TO BE IN "UP" POSITION
WHEN JACK IS STORED
IN TRUNK.

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APP	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																SPARE WHEEL & JACK STOWAGE (CHROME WHEEL)	1967		10	1.04

14E-10E-35P05
SERIES A
PART NO 394435

OLDSMOBILE DIVISION

GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

SERIES	EXPORT OPTION		DOMESTIC OR EXPORT								
	W32	P16	W29 & M63	W29	W28 & P85	W28	T17	T15	P28	P26	STD.
33307											
33335	--	PF	--	--	--	--	--	PE	IY	PR	CR
33369											
33407	XY	PF	--	--	--	--	--	PE	IY	PR	CR
33469											
33435	--	PF	--	--	--	--	--	PE	IY	PR	CR
33465	--	RF	--	--	--	--	RE	--	--	RR	DR
33517											
33535	--	PF	--	--	--	--	--	PE	IY	PR	CR
33539											
33569											
33567	--	PF	--	--	--	--	--	PE	--	PR	CR
33617											
33639	XY	PF	--	--	--	--	--	PE	IY	PR	CR
33669											
33667	XY	PF	--	--	--	--	--	PE	--	PR	CR
33635	--	PF	--	--	--	--	--	PE	IY	PR	CR
33807	XY	PF	XY	WY	ZR	XY	--	PE	IY	PR	CR
33817											
33867	XY	PF	XY	WY	ZR	XY	--	PE	--	PR	CR
33899	XY	PF	--	--	--	--	--	PE	IY	PR	CR
33869											
33865	--	RF	--	--	--	--	RE	--	--	RR	DR
33865											

M63 IS WHITE STRIPE TIRE, 14" NYLON CORD
 P16 IS EXPORT OPTION TIRE
 P26 IS WHITEWALL TIRES
 P28 IS 15" WHEEL & TIRE - BW
 P85 IS RADIAL PLY TIRE
 195 R14 WHITE RAYON
 T15 IS 8-PLY 7.75 X 14 TIRES
 T17 IS 8-PLY 8.25 X 14 TIRES
 W28 IS TURNPIKE PACKAGE
 W29 IS "602" PERFORMANCE OPTION
 W32 IS EXPORT WHEEL & TIRE
 OPTION (7.75 X 14 WHITE STRIPE)

-- INDICATES THAT THE CONDITIONS SHOWN ARE NOT AVAILABLE.

& INDICATES TOGETHER WITH OPTION SHOWN.

CODE	PART NUMBERS				TIRE SIZE	PLY		WALL COLOR	CORD TYPE
	U. S. ROYAL	FIRESTONE	GOODRICH	GOODYEAR		ACTUAL	RATING		
CR	390881	390880	(R) 390883	390882	7.75 X 14	2	4	BLACK	RAYON
DR	397401	397402	390003	397404	8.25 X 14	2	4	BLACK	RAYON
IY		1371502			7.75 X 15	4	4	BLACK	NYLON
PE	3883536		3883536		7.75 X 14	4	8	WHITE	RAYON
PF				397731	7.75 X 14	4	*	WHITE	NYLON
PR	390891	390890	(S) 390893	390892	7.75 X 14	2	4	WHITE	RAYON
RE				393888	8.25 X 14	4	8	WHITE	RAYON
RF				397738	8.25 X 14	4	*	WHITE	NYLON
RR	397406	397407	392502	397409	8.25 X 14	2	4	WHITE	RAYON
WY		3909671		3909673	F70 X 14	2	4	RED	NYLON
XY	3901717	3901716		3901718	7.75 X 14	2	4	WHITE	NYLON
ZR	398098				195 R14	RADIAL		WHITE	RAYON

(M)

(M)

(N)

TIRE CODE:
 FIRST LETTER DETERMINES TIRE SIZE & WALL COLOR.
 SECOND LETTER DETERMINES PLY OR CORD TYPE.

- R - RAYON
- Y - NYLON
- E - 4-PLY 8-PLY RATING TIRES
- F - 4-PLY CUSTOM POWER CUSHION TIRES
- * - NO PLY-RATING IS MOULDED ON TIRE SIDE WALL

WHITEWALL

- P - 7.75 X 14
- R - 8.25 X 14
- W - SPECIAL TIRES
F70 X 14 WIDE
OVAL RED STRIPE
- X - SPECIAL TIRES
7.75 X 14 WHITE STRIPE
- Z - 195 R14 RADIAL PLY

BLACKWALL

- C - 7.75 X 14
- D - 8.25 X 14
- I - 7.75 X 15

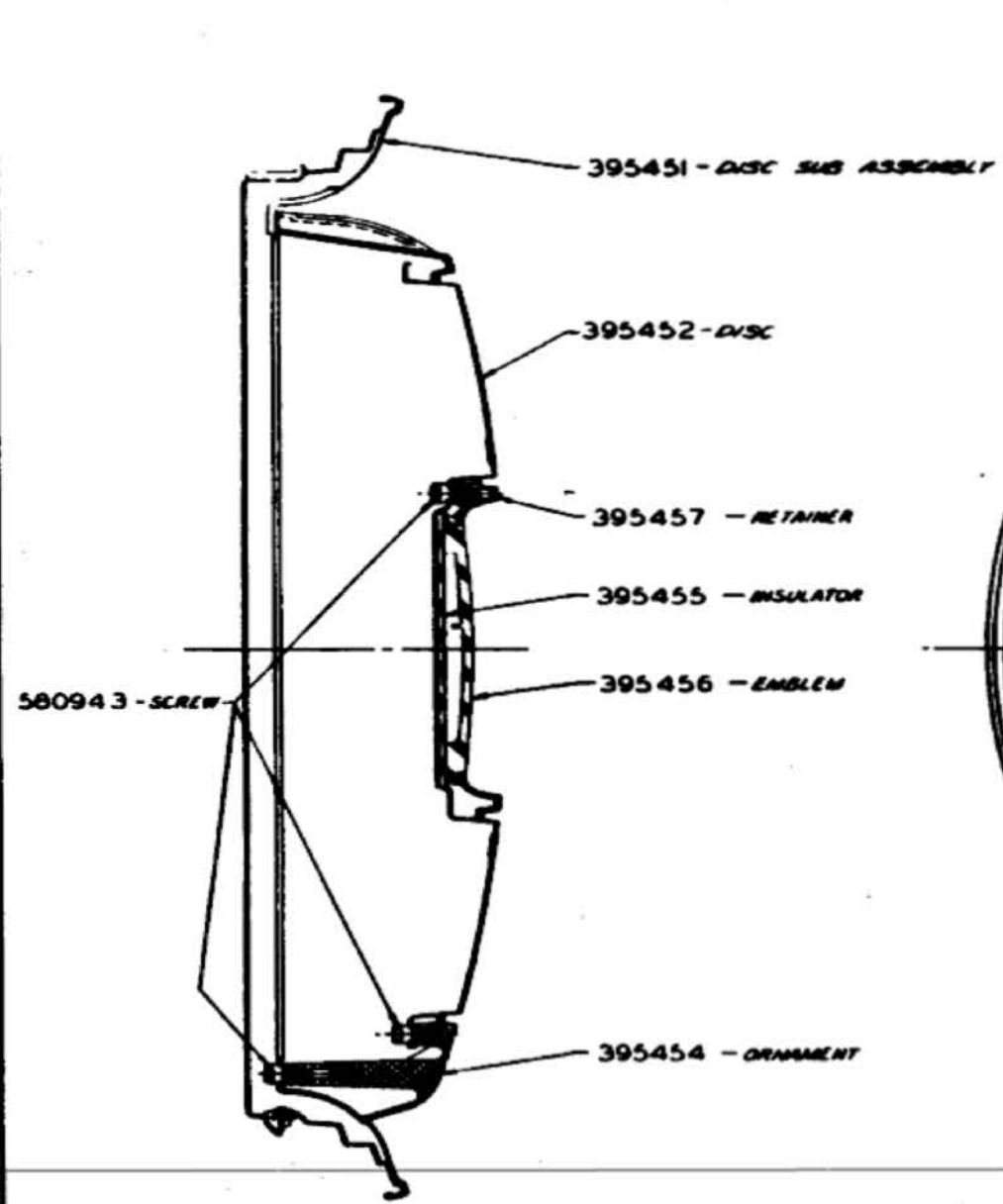
TO READ CHART:

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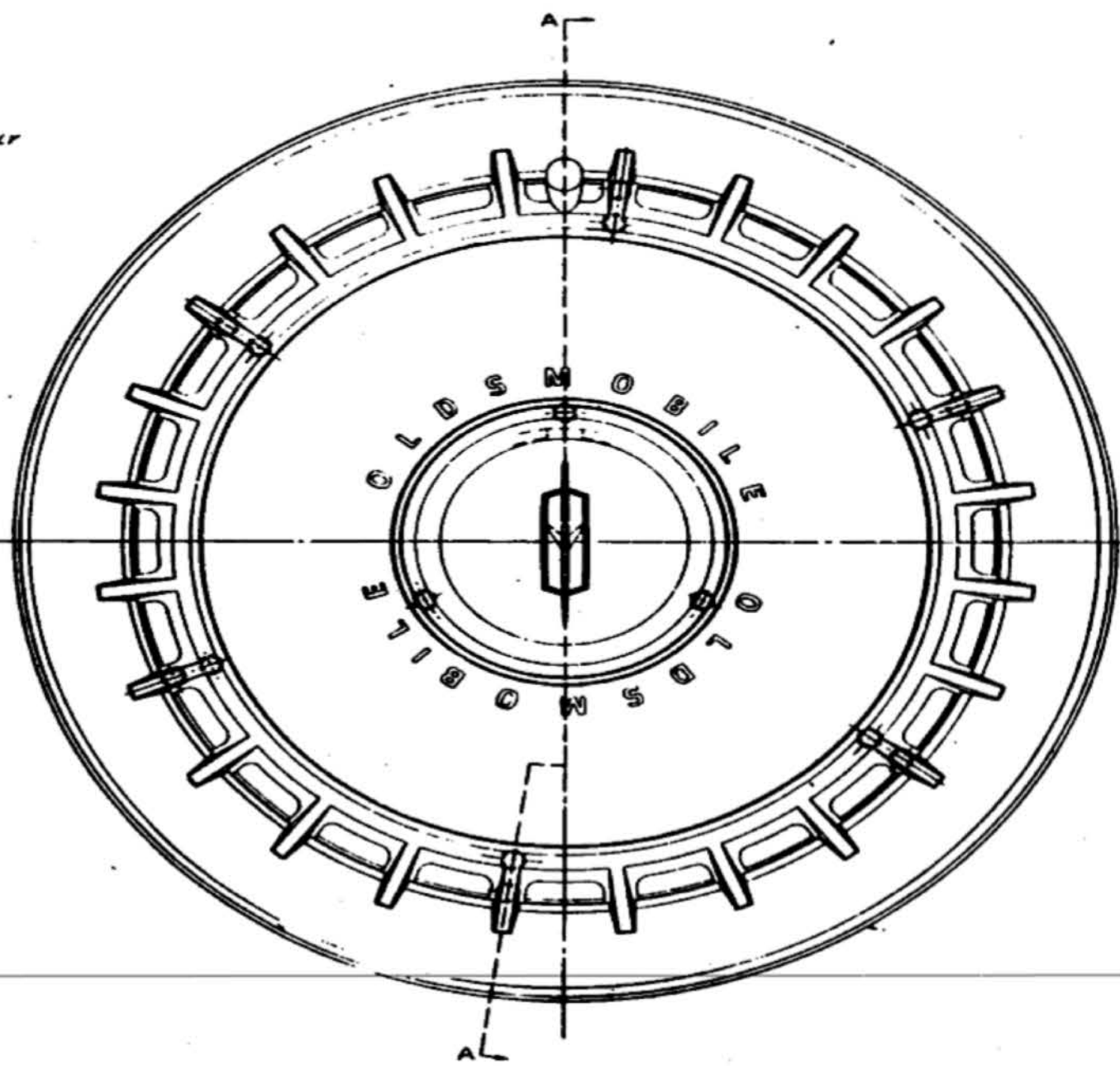
DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	
					5-8-67	S	WAS 3883536			9-15-66	L	PR5 TIRE OPTION ADDED								
					5-8-67	R	WAS 3867663			9-15-66	K	3909673 GOODYEAR ADDED								
					1-26-67	P	PART NOS REVISED			1-26-67	J	WAS RED STRIPE								
					9-25-66	N	NOTE REVISED			9-25-66	H	REVISED								
					9-25-66	R	PLY RATING WAS 6			9-25-66	G	REVISED, WAS SHEET 1 OF 2								

TITLE		CHART-TIRE USAGE	
DATE	MARCH 7, 1966	FIRST USED	1967
DR. BY	J. E. CASLER	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION
CHECKED	J. H. AMES		10
APPR.	T. R. FERNAND	SERIES	A
APPR.	J. A. VOORHEIS	PART NO.	396651
		PAGE	1.13

REV	NO	DESCRIPTION	DATE	BY
1	1	ISSUED		
2	1	REVISED		
3	1	REVISED		
4	1	REVISED		
5	1	REVISED		
6	1	REVISED		
7	1	REVISED		
8	1	REVISED		
9	1	REVISED		
10	1	REVISED		
11	1	REVISED		
12	1	REVISED		
13	1	REVISED		
14	1	REVISED		
15	1	REVISED		
16	1	REVISED		
17	1	REVISED		
18	1	REVISED		
19	1	REVISED		
20	1	REVISED		



SECTION A-A



395450	01
01	01
01	01

RELEASED UNDER EXECUTIVE ORDER 12812 AS AUTHORIZED BY THE PRESIDENT OF THE UNITED STATES OF AMERICA

ALL DIMENSIONS AND FINISHES UNLESS OTHERWISE SPECIFIED ARE IN MILLIMETERS

ALL DIMENSIONS AND FINISHES UNLESS OTHERWISE SPECIFIED ARE IN INCHES

COMMERCIAL TOLERANCES APPLY TO SHEET METAL GAUGES, TAP DRILL, REAMER, AND OTHER STANDARD METHODS & STANDARD PRACTICES

DO NOT SCALE

REV 17, 1963
 FULL
 1967
 RE-01554

PRODUCTION SAMPLE TO BE USED AND APPROVED BY PRODUCT ENGINEERING FOR COMMERCIAL PARTS

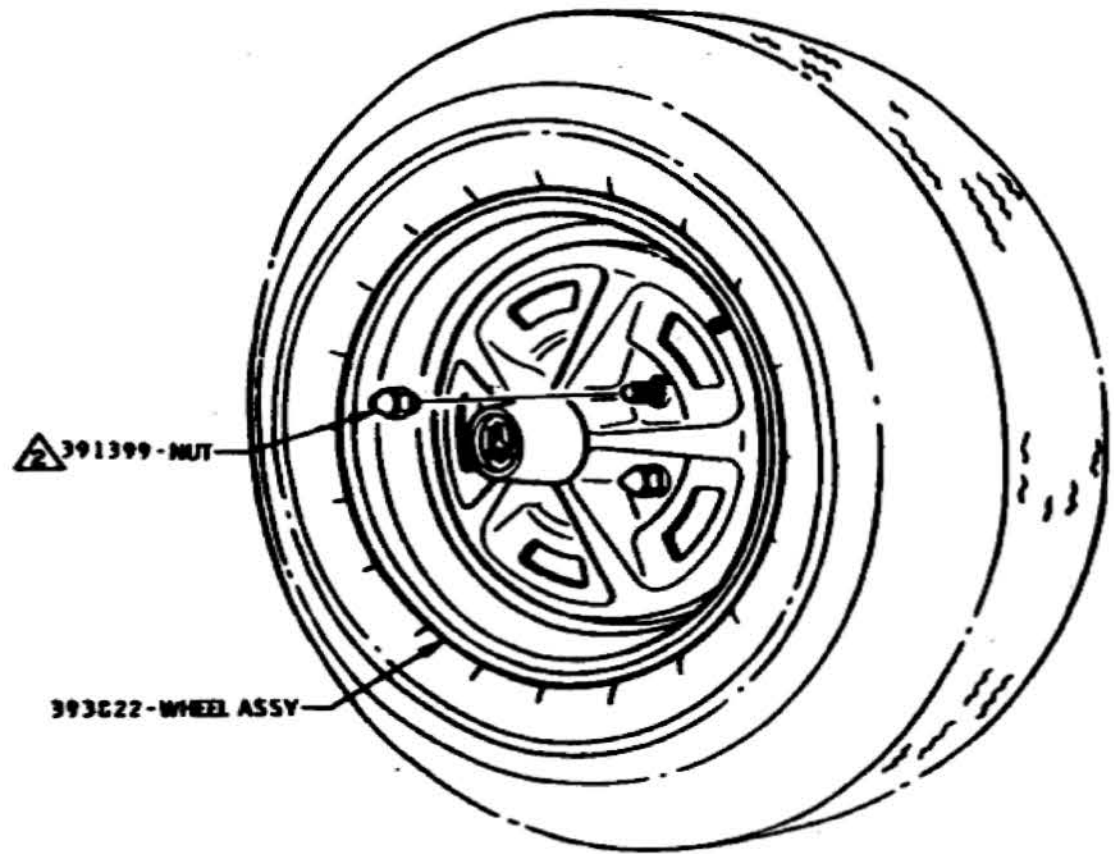
DISC ASSEMBLY - WHEEL

395450

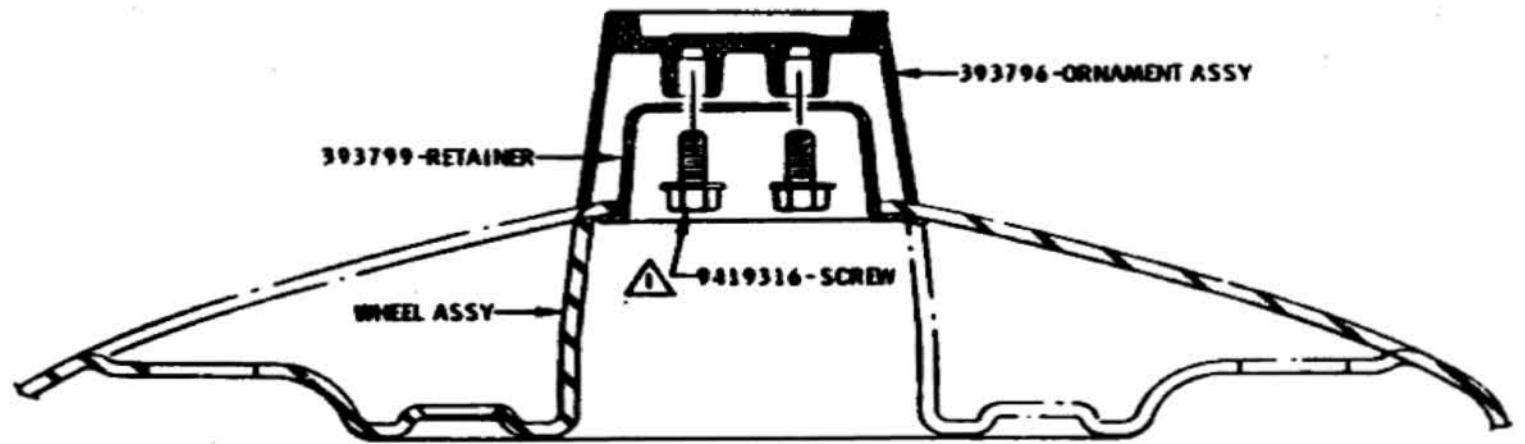
02PAGE 0

CLASSIFIED BY
 CONTROL OFFICE
 LONDON, ENGLAND

A F IBC



WHEEL WITH ORNAMENT IN ASSEMBLED POSITION



CENTERLINE SECTION THRU WHEEL AND ORNAMENT

▲ 40-90 LB. IN.
▲ 95-75 LB. FT.

REVISION				REVISION				REVISION				REVISION				TITLE		FIRST USED		MANUAL SECTION		PAGE	
DATE	SYM	DR	CK	DATE	SYM	DR	CK	DATE	SYM	DR	CK	DATE	SYM	DR	CK	APPR.	NO.	MANUAL SECTION	PAGE				
																		10	1.17				
																36P05 WHEEL ASSY		1967		10		1.17	
																DATE MAY 25, 1966		SERIES A		PART NO. 394435			
																DR. BY SCOTT McDONALD							
																CHECKED BY [Signature]							
																APPR. [Signature]							

SHEET METAL -SECTION II

1.01	COOLING SYSTEM FILL CHART
1.02	RADIATOR HOSE CODE CHART
1.05	FENDER IDENTIFICATION CHART
1.10	RADIATOR SUPPORT ASSY, EXTENSIONS, HOOD BUMPER & HORNS
1.11	RADIATOR SUPPORT ASSY STONE SHIELDS
1.12	RADIATOR SUPPORT ASSY GRILLE
1.13	4-4-2 EMBLEM AND SCREEN
1.14	HEADLAMPS AND DOORS
1.15	L6 RADIATORS AND SUPPORTS
1.16	V8 RADIATORS AND SUPPORTS
1.17	RADIATOR CAP, HOES AND CLAMPS
1.19	V8 RADIATOR SUPPORT SEALS
1.20	FENDER TO RAD. SUPPORT ASSY, DEFLECTOR, HOOD HINGE & SIDE BUMPERS
1.21	FENDER, EXTENSION AND ACCESS HOLE PLUG
1.22	FILLER PLATE BAFFLE, SEAL AND RAD. SUPPORT MOUNTING
1.23	BATTERY SUPPORTS
1.30	3300 & 3400 FRONT FENDER MOULDINGS AND SCRIPTS
1.31	3500 & 3600 FRONT FENDER MOULDINGS AND SCRIPTS
1.32	3800 (EXC. EXT. S.W.) FRONT FENDER MOULDINGS AND SCRIPTS
1.33	3465 FRONT FENDER SCRIPTS

(A)

DATE OF ISSUE 10-4-66

MANUAL NO. 394435

PAGE 0.01

1.34	3855 & 3865 FRONT FENDER MOULDINGS AND SCRIPTS
1.35	3855 & 3865 ROCKER PANEL MOULDINGS
1.36	REAR WHEEL OPENING MOULDINGS
1.40	4-4-2 HOOD SEALING
1.44	COMPLETE HOOD ASSEMBLY
1.45	SHEET METAL CLEARANCES
2.01	V8 SHROUD TO RADIATOR SUPPORT
2.02	L6 SHROUD TO RADIATOR SUPPORT
2.15	V8 A/C CONDENSER MOUNTING
2.16	L6 A/C CONDENSER MOUNTING
3.50	JUNCTION BLOCK, CRUISE CONTROL REGULATOR & W/S WASHER JAR TO FILLER PLATE

OLDSMOBILE DIVISION

GENERAL MOTORS CORPORATION
LANSING - MICHIGAN

F-85 MODELS

(1) THE FOLLOWING TABLE SHOWS THE AMOUNT OF INHIBITED ETHYLENE GLYCOL COOLANT REQUIRED TO GIVE A 40% SOLUTION BY VOLUME. (SEE EXCEPTIONS)

MODEL	FREEZING POINT	PERCENT SOLUTION BY VOLUME	QUANTITY OF COOLANT SOLUTION WITHOUT HEATER	WITH HEATER
ALL V8 EXC. A/C	-20°F.	44.0	6.37 QTS.	6.70 QTS.
ALL V8 A/C OR Y76	-20°F.	44.0	6.60 QTS.	6.90 QTS.
ALL L6 EXC. A/C	-20°F.	44.0	4.83 QTS.	5.15 QTS.
ALL L6 A/C OR Y76	-20°F.	44.0	4.83 QTS.	5.15 QTS.
ALL 400 CIL IN. EXC. A/C	-20°F.	44.0	6.82 QTS.	7.13 QTS.
ALL 400 CIL IN. A/C OR Y76	-20°F.	44.0	7.04 QTS.	7.35 QTS.

TOTAL COOLING SYSTEM CAPACITY

MODELS	WITHOUT HEATER	WITH HEATER
ALL V8 EXC. A/C	14.5 QTS.	15.2 QTS.
(B) ALL V8 A/C OR Y76 & V81	15.0 QTS.	15.7 QTS.
ALL L6 EXC. A/C	11.0 QTS.	11.7 QTS.
ALL L6 A/C OR Y76	11.0 QTS.	11.7 QTS.
ALL 400 CIL IN. EXC. A/C	15.5 QTS.	16.2 QTS.
(B) ALL 400 CIL IN. A/C OR Y76 & V81	16.0 QTS.	16.7 QTS.

NOTE: METHANOL TYPE ANTI-FREEZE OR WATER ARE NOT TO BE USED UNDER ANY CONDITION. ALL F-85 SERIES MUST BE PROTECTED AS SHOWN ABOVE WITH ETHYLENE GLYCOL TYPE COOLANT. NO DEVIATION PERMITTED BY ANY PLANT OR ZONE FOR CLIMATIC CONDITIONS.

(2) GENERAL CAUTION: SOLUTION LEVEL MUST BE HELD TO "FILL COLD" MARK TO PREVENT LEAKAGE DURING TRANSPORTATION AND LOSS OF COOLANT DURING OPERATION. THIS LEVEL IS MEASURED WITH COOLANT AT ROOM TEMPERATURE TO ALLOW EXPANSION VOLUME OF COOLANT UNDER OPERATION CONDITIONS. EXTREME CARE MUST BE TAKEN IN FILLING COOLING SYSTEM TO PREVENT DAMAGE TO CAR FINISH.

NOTE: COOLING SYSTEM OPERATION CAPACITY (COOLANT AT ROOM TEMPERATURE) FILLED TO "FILL COLD" MARK.

B, C & E MODELS

(1) THE FOLLOWING TABLE SHOWS THE AMOUNT OF INHIBITED ETHYLENE GLYCOL COOLANT REQUIRED TO GIVE A 40% SOLUTION BY VOLUME. (SEE EXCEPTIONS)

MODELS	FREEZING POINT	PERCENT SOLUTION BY VOLUME	QUANTITY OF COOLANT SOLUTION WITHOUT HEATER	WITH HEATER
ALL S200 EXC. A/C & Y72	-20°F.	44.0	6.83 QTS.	7.25 QTS.
(B) ALL S200 A/C & V81	-20°F.	44.0	7.04 QTS.	7.50 QTS.
ALL S200 Y72	-20°F.	44.0	7.25 QTS.	7.70 QTS.
ALL EXC. AIR COND. & Y72	-20°F.	44.0	7.25 QTS.	7.70 QTS.
(B) ALL AIR COND. & V81	-20°F.	44.0	7.50 QTS.	7.82 QTS.
ALL Y72	-20°F.	44.0	7.70 QTS.	8.15 QTS.

TOTAL COOLING SYSTEM CAPACITY

MODELS	WITHOUT HEATER	WITH HEATER
ALL S200 EXC. A/C & Y72	15.5 QTS.	16.5 QTS.
(B) ALL S200 A/C & V81	16.0 QTS.	17.0 QTS.
ALL S200 Y72	16.5 QTS.	17.5 QTS.
(B) ALL EXC. AIR COND. & Y72	16.5 QTS.	17.5 QTS.
ALL AIR COND. & V81	17.00 QTS.	18.0 QTS.
ALL Y72	17.5 QTS.	18.5 QTS.

(A) NOTE: METHANOL TYPE ANTI-FREEZE OR WATER ARE NOT TO BE USED UNDER ANY CONDITION. ALL B, C & E SERIES MUST BE PROTECTED AS SHOWN ABOVE WITH ETHYLENE GLYCOL TYPE COOLANT. NO DEVIATION PERMITTED BY ANY PLANT OR ZONE FOR CLIMATIC CONDITIONS.

(2) GENERAL CAUTION: SOLUTION LEVEL MUST BE HELD TO "FILL COLD" MARK TO PREVENT LEAKAGE DURING TRANSPORTATION AND LOSS OF COOLANT DURING OPERATION. THIS LEVEL IS MEASURED WITH COOLANT AT ROOM TEMPERATURE TO ALLOW EXPANSION VOLUME OF COOLANT UNDER OPERATION CONDITIONS. EXTREME CARE MUST BE TAKEN IN FILLING COOLING SYSTEM TO PREVENT DAMAGE TO CAR FINISH.

NOTE: COOLING SYSTEM OPERATION CAPACITY (COOLANT AT ROOM TEMPERATURE) FILLED TO "FILL COLD" MARK.

APPROVED SOURCES & MATERIALS

WYANDOTTE CHEMICAL	SINGLE PHASE U-2007-CW
UNION CARBIDE	G300
JEFFERSON CHEMICAL	JCS7
DUPONT	M29
OLIN-MATHIESON	OM-91D
DOW CHEMICAL	D-566-100
WYANDOTTE	U-3894 CW
DOW CHEMICAL	725
MINERAL INDUSTRIES, INC.	6101
HOUSTON CHEMICAL CORP.	6780-BC-20

(D) A, BC & E MODELS

(A) # ONE (1) ADDITIONAL QUART OF UNDILUTED ETHYLENE GLYCOL COOLANT WHICH MEETS SPEC. #9985012 IS TO BE ADDED TO THE RADIATOR PRIOR TO NORMAL FILL AND WILL PROVIDE A 50% SOLUTION FOR ALL CANADIAN EXPORT CARS.

RADIATOR FILL REQUIREMENTS:

1. ETHYLENE GLYCOL TWO YEAR COOLANT MEETING SPECIFICATION 9985012 MANDATORY IN ALL SERIES YEAR AROUND TO PROVIDE AN INHIBITED COOLANT IN THE AMOUNTS TABULATED.

2. SOLUBLE OIL MEETING SPECIFICATION OF 9985017 TO BE ADDED TO ALL SERIES IN FOLLOWING QUANTITY:

2.00 + .25 OZ. PER CAR OR .20 GAL. PER 100 GAL. OF COOLANT.

(E) 3. ANTI FOAM ADDITIVE, SPECIFICATIONS 9985147 TO BE ADDED TO 442 MODELS, ALL "E" MODELS AND BC MODELS WITH AIR CONDITIONING IN THE FOLLOWING QUANTITY, 2.00 OZ. PER CAR.

(C) 4. 9985148 SEALER TO BE ADDED TO COOLING SYSTEM (2 PELLETS PER CAR) IN ALL SERIES.

PRODUCTION SAMPLE TO BE TESTED AND APPROVED BY PRODUCT ENGINEERING FOR OLDSMOBILE PARTS.

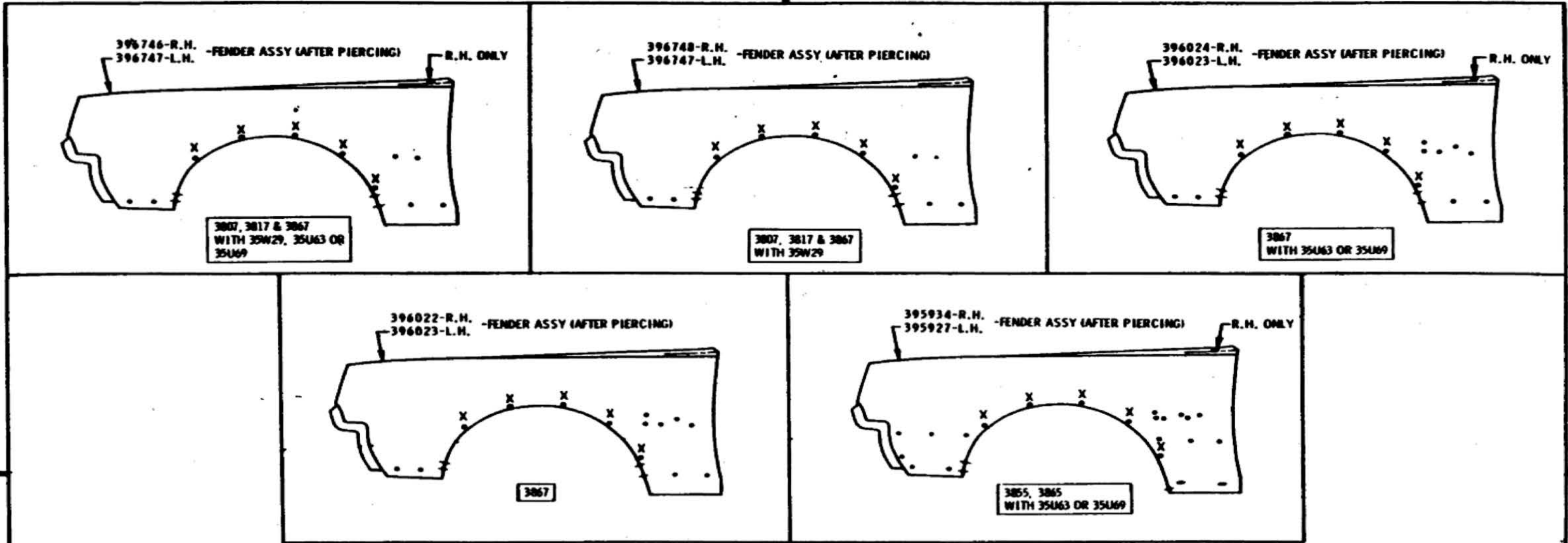
DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	APPR.

TITLE	DATE	PART NO.	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
CHART - COOLING SYSTEM FILL	JAN 23, 1966	1967		11	1.01
PART NO. A B C E 396048					

PART NUMBER	CODE
386829	VE
390437	VJ
390921	VK
390923	VL
③ 388677	VM
391946	VN
394287	VT
394883	VU
Ⓐ 394884	VW
Ⓑ 396249	VX
396560	VY
Ⓓ 395056	Ⓔ VU

									2-22-66 E WAS VZ	ALL		TITLE	CHART - RADIATOR NOSE CODE						
									5-9-66 D 395056 ADDED	RE		DATE	OCT 23, 1965	FIRST USED	1967	OLDSMOBILE PRODUCT	MANUAL SECTION	PAGE	
									5-9-66 C 388677 ADDED	RE		DR BY	BALE GRY	INFORMATION MANUAL			11	1.02	
									3-5-66 B 396560 ADDED	RE		CHECKED	J. N. RIVE						
									2-7-66 A 398249 ADDED	RE		APPR.		SERIES	ABC-E	PART NO.	394749		
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.				

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN



HOLES MARKED "X" ARE IN FENDER
PANEL PRIOR TO PIERCING OPERATION

FOR HOLE SIZES AND LOCATIONS,
SEE DRAWING 395917

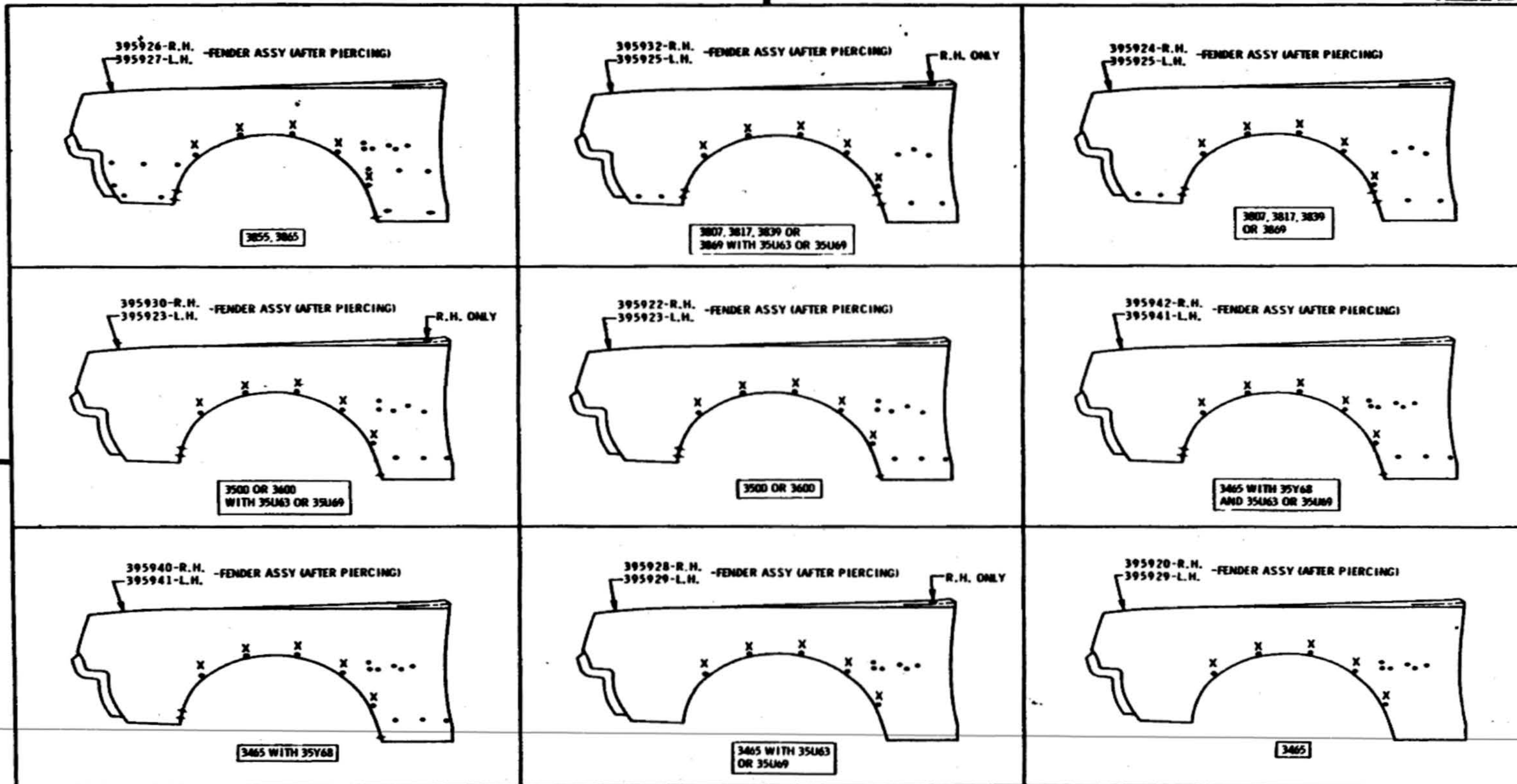
L.H. SHOWN

SHEET 1 OF 3

TITLE CHART - FENDER IDENTIFICATION										
DATE MARCH 30, 1966					FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 11	PAGE 1.05
DR BY K. LOVELL					CHECKED J. N. JAMES		SERIES A		PART NO 397570	
REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR		

OLDSMOBILE DIVISION

GENERAL MOTORS CORPORATION
LANSING - MICHIGAN



HOLE MARKED "X" ARE IN FENDER PANEL PRIOR TO PIERCING OPERATION

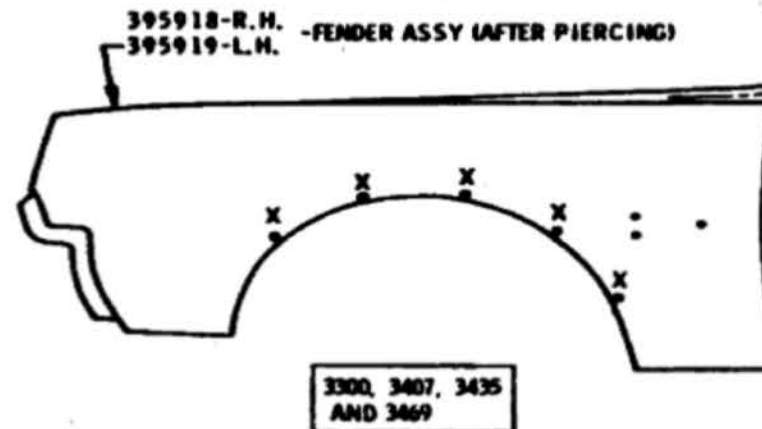
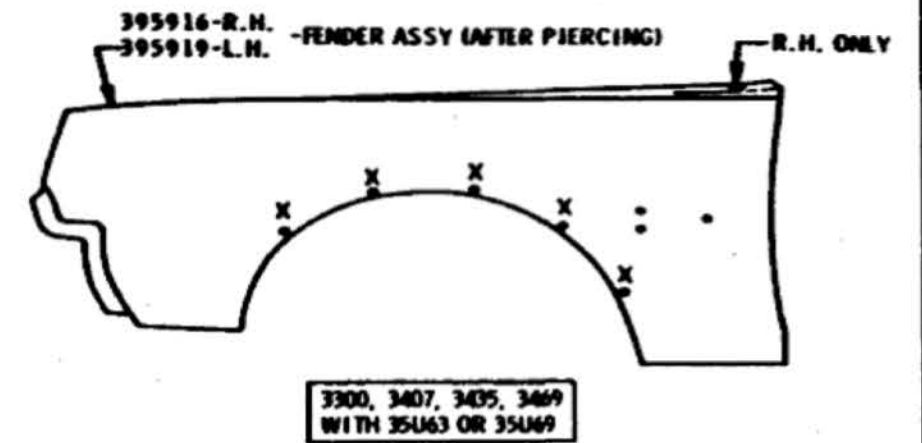
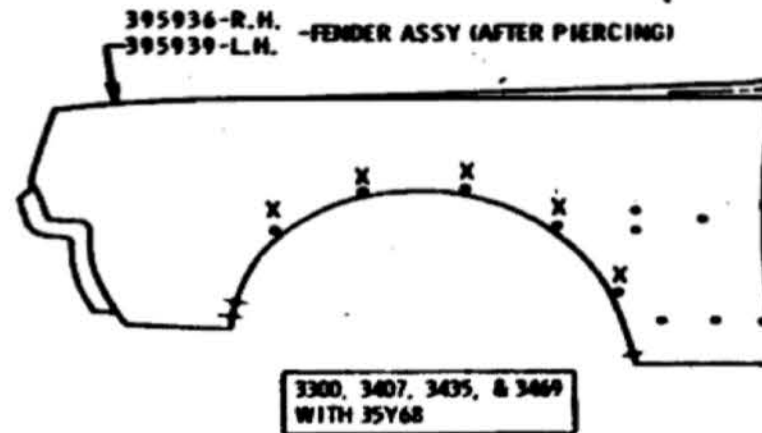
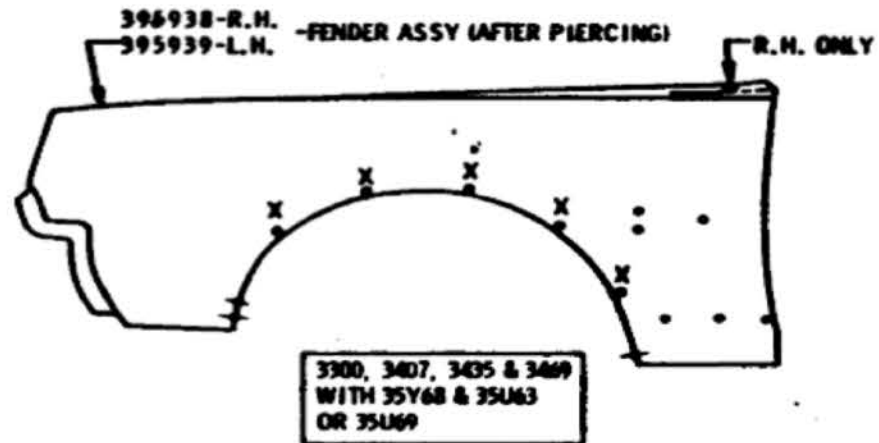
FOR HOLE SIZES AND LOCATIONS, SEE DRAWING 395917

L.H. SHOWN

SHEET 2

TITLE										CHART - FENDER IDENTIFICATION	
DATE					MARCH 30, 1966					FIRST USED	
DR BY					R. LOVELL					1967	
CHECKED					J. N. FINLEY					OLDSMOBILE PRODUCT INFORMATION MANUAL	
APPR										SERIES	
										A	
REVISION										MANUAL SECTION	
										11	
DR CK					DATE					SYM	
										PAGE	
										106	
										PART NO	
										397570	

OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION
LANSING - MICHIGAN



HOLES MARKED "X" ARE IN FENDER
PANEL PRIOR TO PIERCING OPERATION

FOR HOLE SIZES AND LOCATIONS,
SEE DRAWING 395917

L.H. SHOWN

SHEET 3

DATE				REVISION				DATE				REVISION				DATE				REVISION				DATE				REVISION																																																																																																																																																																																																																																																																																															
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OLDSMOBILE DIVISION GENERAL MOTORS CORPORATION LANSING — MICHIGAN

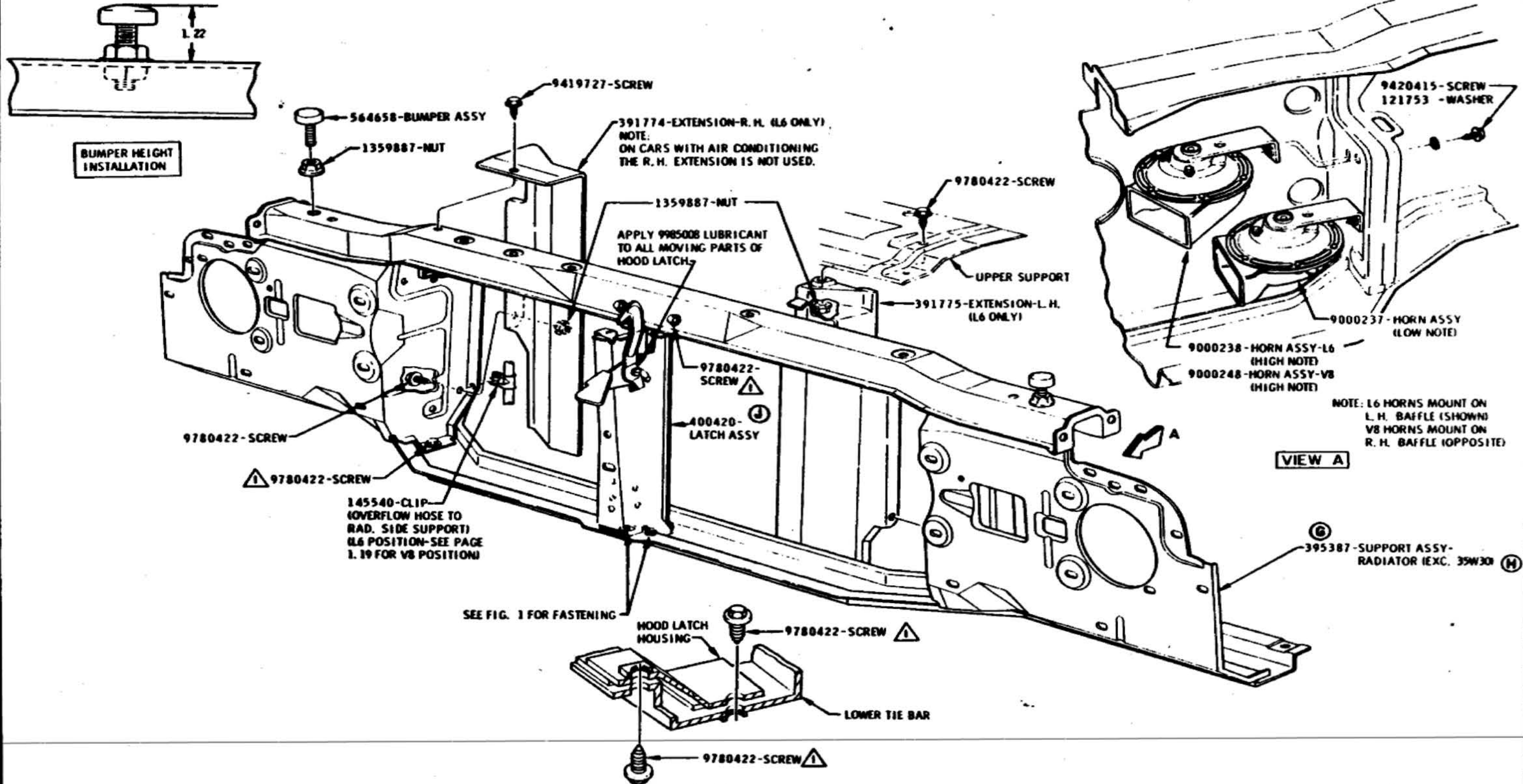


FIGURE 1

15-22 LB. FT.

REVISION					REVISION					REVISION					REVISION				
DATE	SYM	DR	CK	DATE	SYM	DR	CK	DATE	SYM	DR	CK	DATE	SYM	DR	CK	DATE	SYM	DR	CK
2-28-66	J	WAS 394370 LATCH ASSY		9-27-66	F	TORQUES ADDED				11-3-67	T	TITLE: RADIATOR SUPPORT ASSY-BUMPERS, EXTENSION & HORNS							
2-26-67	H	EXC. 35W30 ADDED		11-10-66	G	FASTENING REVISED				12-15-65	D	DATE DEC. 15, 1965							
1-18-68	G	PART NO ADDED		11-10-66	F	TORQUE ADDED				12-15-65	C	DR BY R. J. M. RESSY							
10-11-66	F	9000238 - HORN ADDED		11-10-66	G	VIEW A ADDED				11-10-66	E	CHECKED J. G.							
				11-10-66	F	FASTENINGS REVISED				11-10-66	D	APPR [Signature]							

FIRST USED
1967

MANUAL SECTION
11

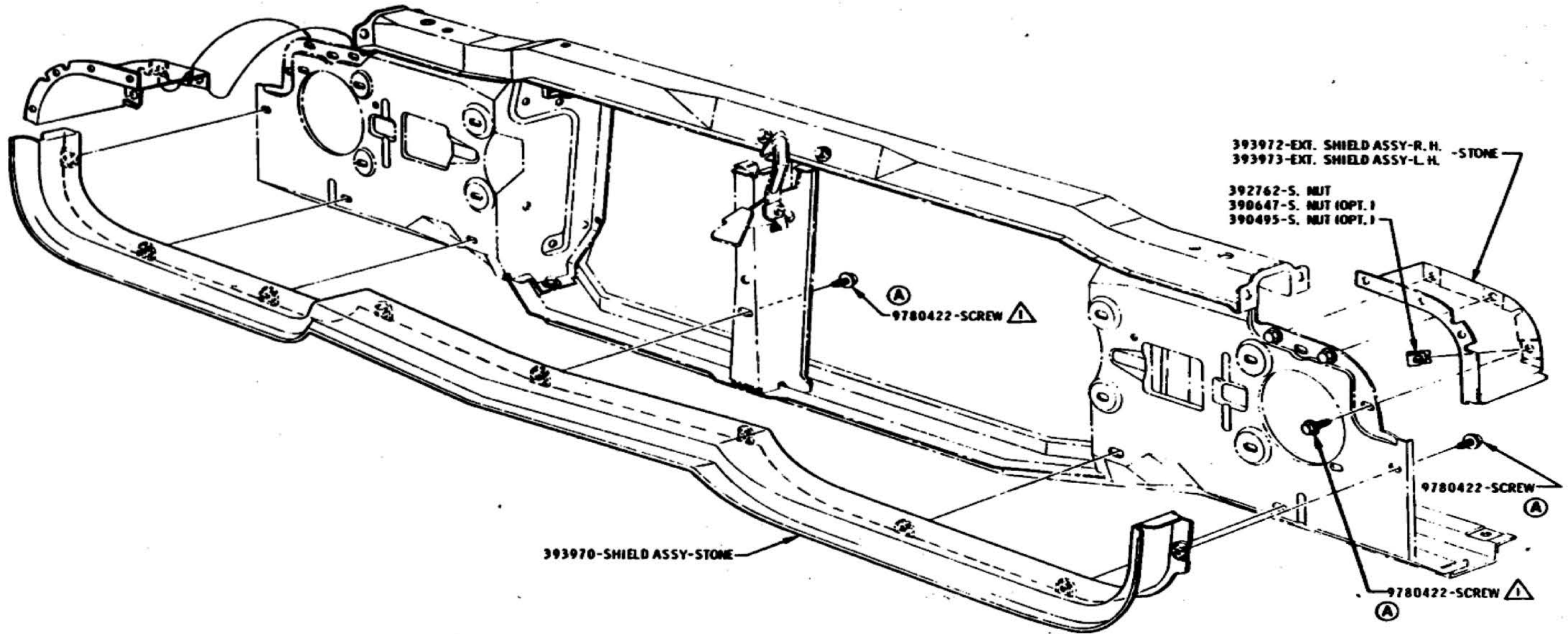
PAGE
1.10

OLDSMOBILE PRODUCT
INFORMATION MANUAL

SERIES
A

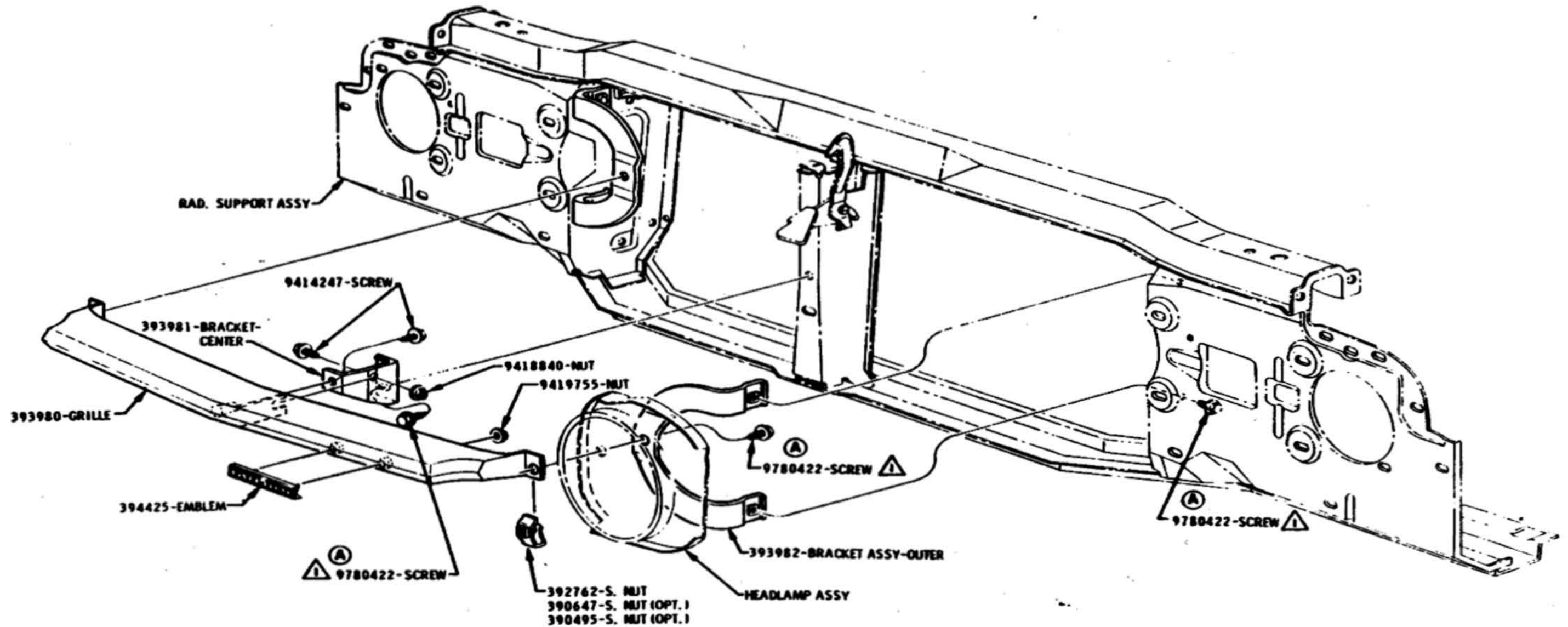
PART NO
394435

REF 110
11E - 13B - 13C



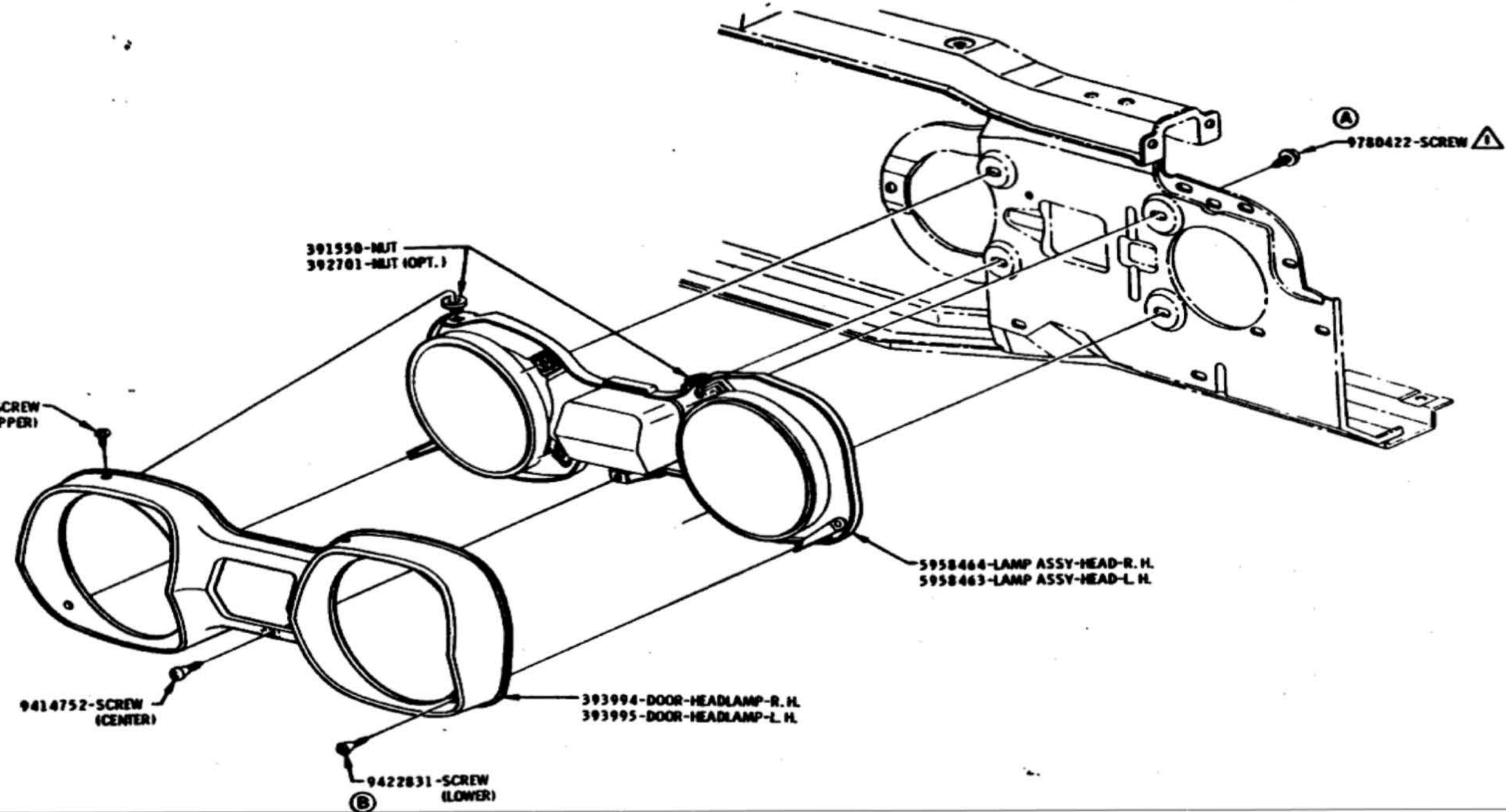
⚠ 15-27 LB. FT. Ⓟ

										TITLE		SUPPORT ASSY-STONE SHIELD	
										DATE DEC. 15, 1965		FIRST USED	
										DR. BY P.J. McNESSY		1967	
										CHECKED		OLDSMOBILE PRODUCT INFORMATION MANUAL	
										APPR. <i>[Signature]</i>		MANUAL SECTION	
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										PART NO.		1.11	
										A		394435	



⚠ 15 22 LB. FT. Ⓟ

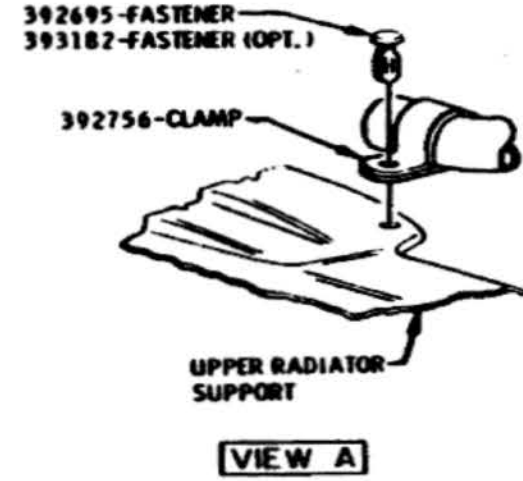
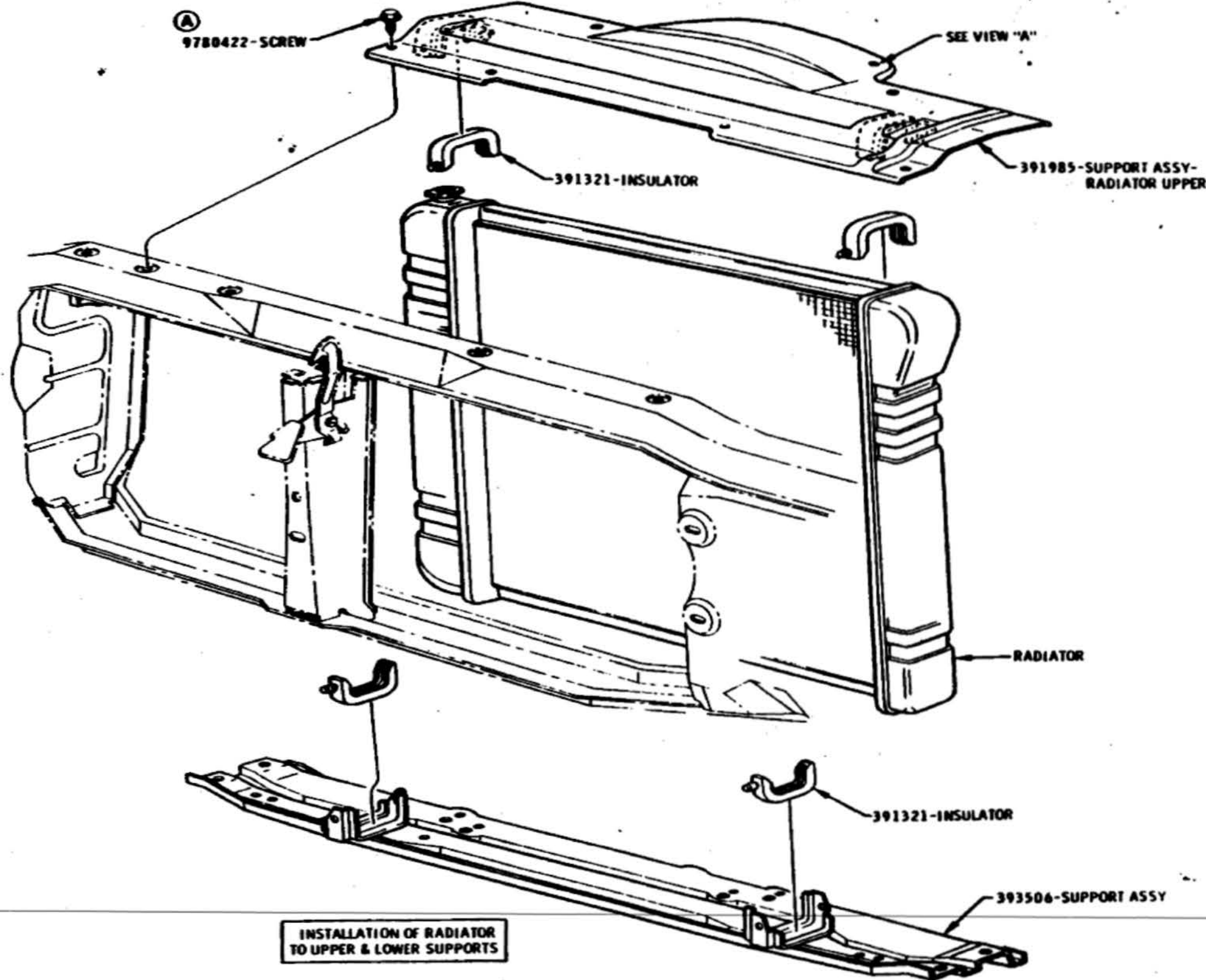
										TITLE		SUPPORT ASSY-GRILLE		MANUAL SECTION		PAGE			
										DATE <i>DEC. 15, 1965</i>		FIRST USED		OLDSMOBILE PRODUCT		11		1.12	
										DR BY <i>P. J. MESSY</i>		1967		INFORMATION MANUAL					
										CHECKED <i>[Signature]</i>									
										APPR. <i>[Signature]</i>		REV. <i>130</i>		SERIES		PART NO		394435	
										A									
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.				



△ 15-22 LB. FT. ©

										TITLE		HEADLAMP AND DOORS		FIRST USED		OLDSMOBILE PRODUCT		MANUAL SECTION		PAGE	
										DATE		1967		1967		INFORMATION MANUAL		11		1.14	
										DR. BY		R. L. MESSY		CHECKED							
										DATE		DEC. 15, 1965		APPR.		A		PART NO.		394435	
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	APPR.	REV.	SERIES	PART NO.			
															12 C		A	394435			

5-26-66 C TORQUE ADDED
 8-18-66 B WAS 9422831-SCREW
 2-28-66 A FASTENING REVISED



RADIATOR IDENTIFICATION

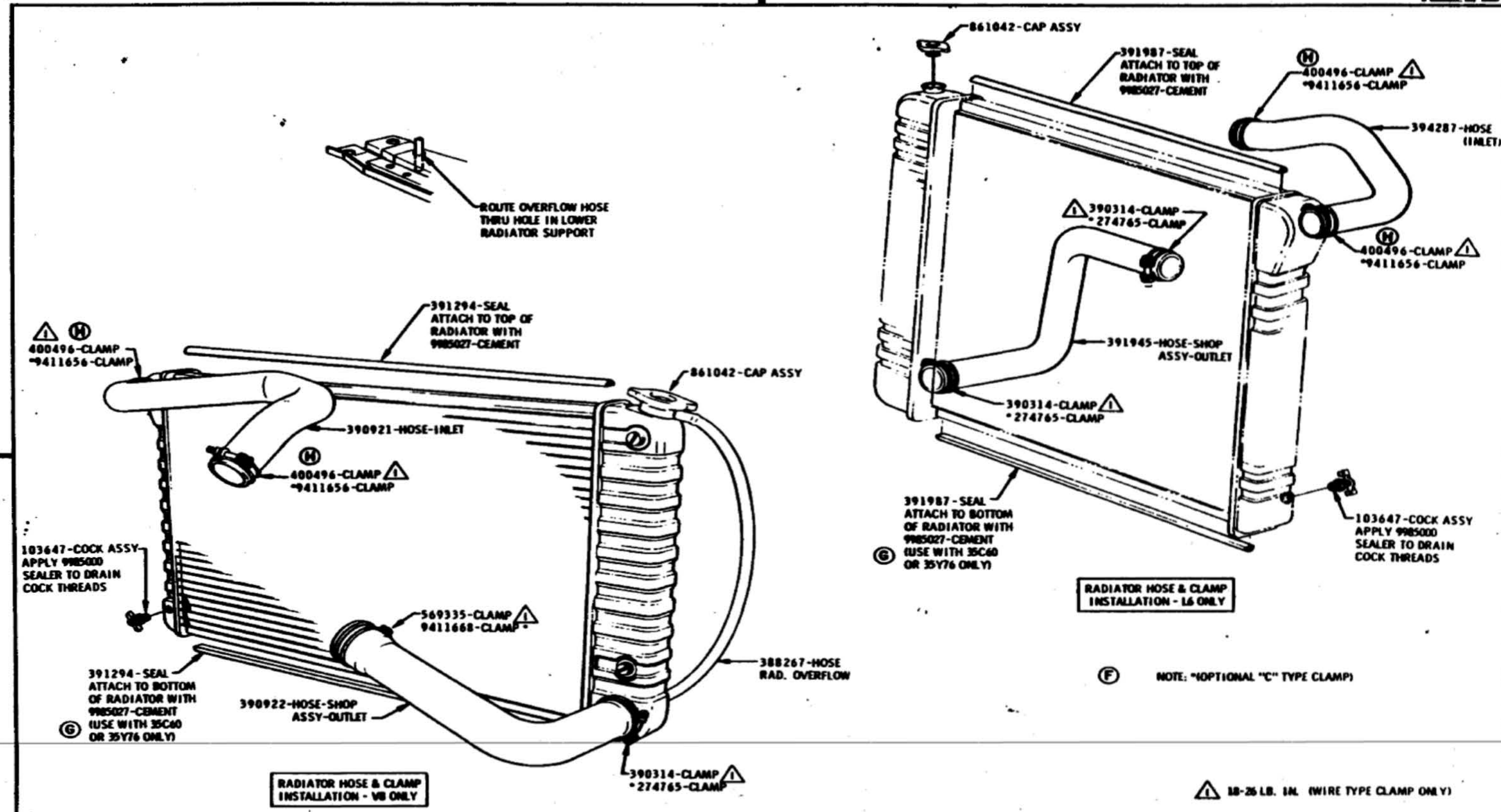
PART NO.	IDENTIFICATION NO.	APPLICATION
3005840	240 FL	L6 SMT
3005841	241 FN	L6 AMT
3005842	242 FO	L6 A/C

NOTE: COOLING SYSTEM IS TO BE PRESSURE CHECKED FOR LEAKS WITH 14 TO 17 LBS. AIR PRESSURE AT RADIATOR FILLER NECK

© ADD 2 PELLETS OF 9985168-SEALER IN RADIATOR

INSTALLATION OF RADIATOR TO UPPER & LOWER SUPPORTS

REVISION				REVISION				TITLE			FIRST USED		MANUAL SECTION		PAGE	
								RADIATOR TO SUPPORT-L6			1967		11		1.15	
DR	CK	DATE	SYN	DR	CK	DATE	SYN	DATE	BY	CHECKED	REF	SERIES		PART NO		
								3-16-66	C	NOTE REVISED	138	A		394435		
								3-8-66	B	IDENT. SYN. REVISED						
								3-8-66	A	FASTENING REVISED						



DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	TITLE	REV.	PAGE
																		RADIATOR CAP, HOSE & CLAMPS		1.17
					3-8-67	Hg	CLAMP OPT. NOTE ADDED			DEC 15 1966									136	11
					2-13-66	G	TORQUES ADDED			1967									A	
					12-11-66	F	USAGE REVISED													
					8-22-66	B	NOTE REMOVED													

RADIATOR CAP, HOSE & CLAMPS

1967

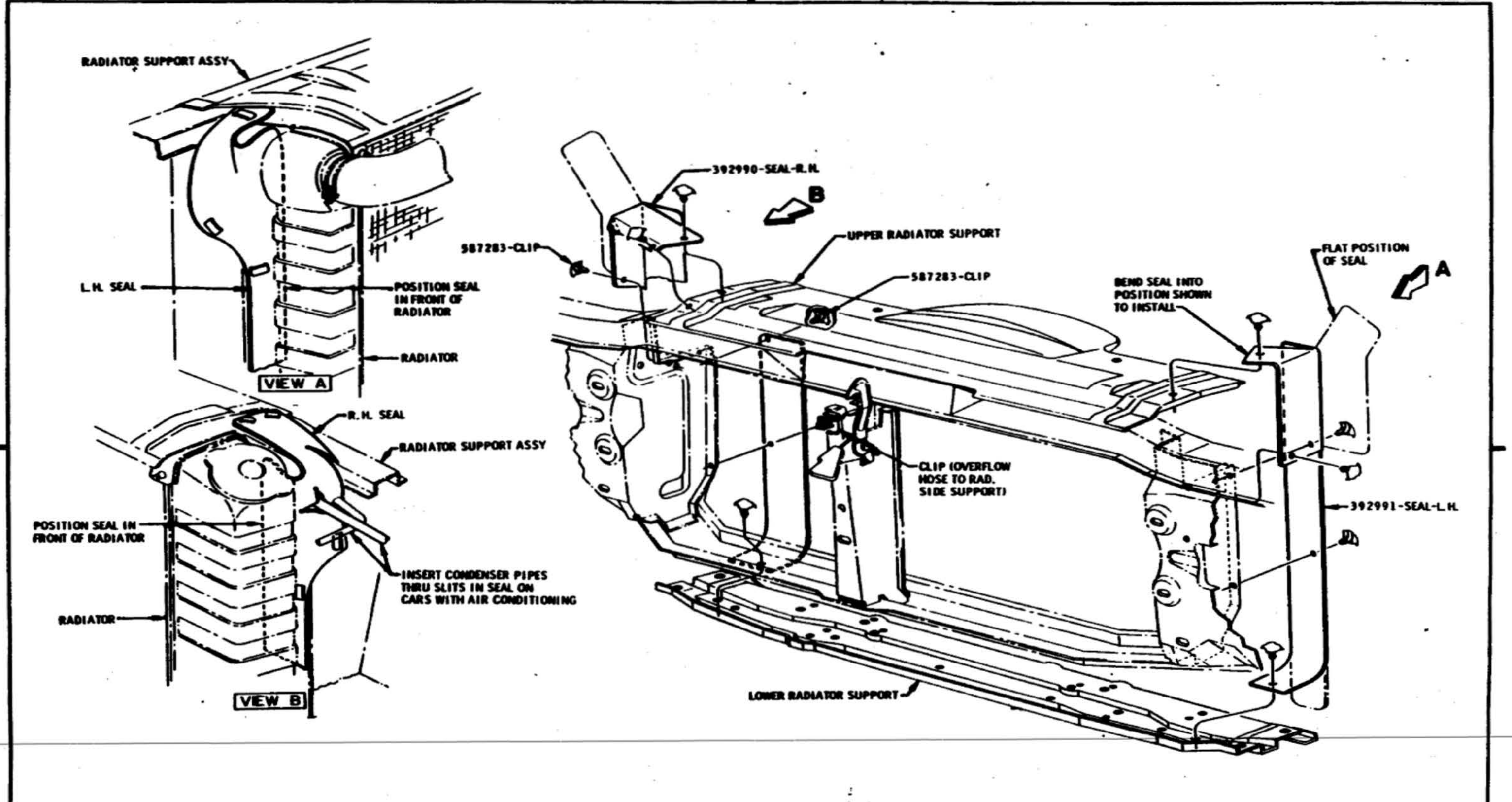
136

11

1.17

A

394435



														TITLE RADIATOR SUPPORT SEALS - VB DATE DIC. 18. 1966 DR. BY P. J. ANNESSY CHECKED [Signature] APPR. [Signature]			PART NO. 1967 REV. 13C		OLDSMOBILE PRODUCT INFORMATION MANUAL MANUAL SECTION 11 PAGE 1.19		SERIES A PART NO. 394435	
DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.	DATE	BY	REVISION	DR.	CL.								

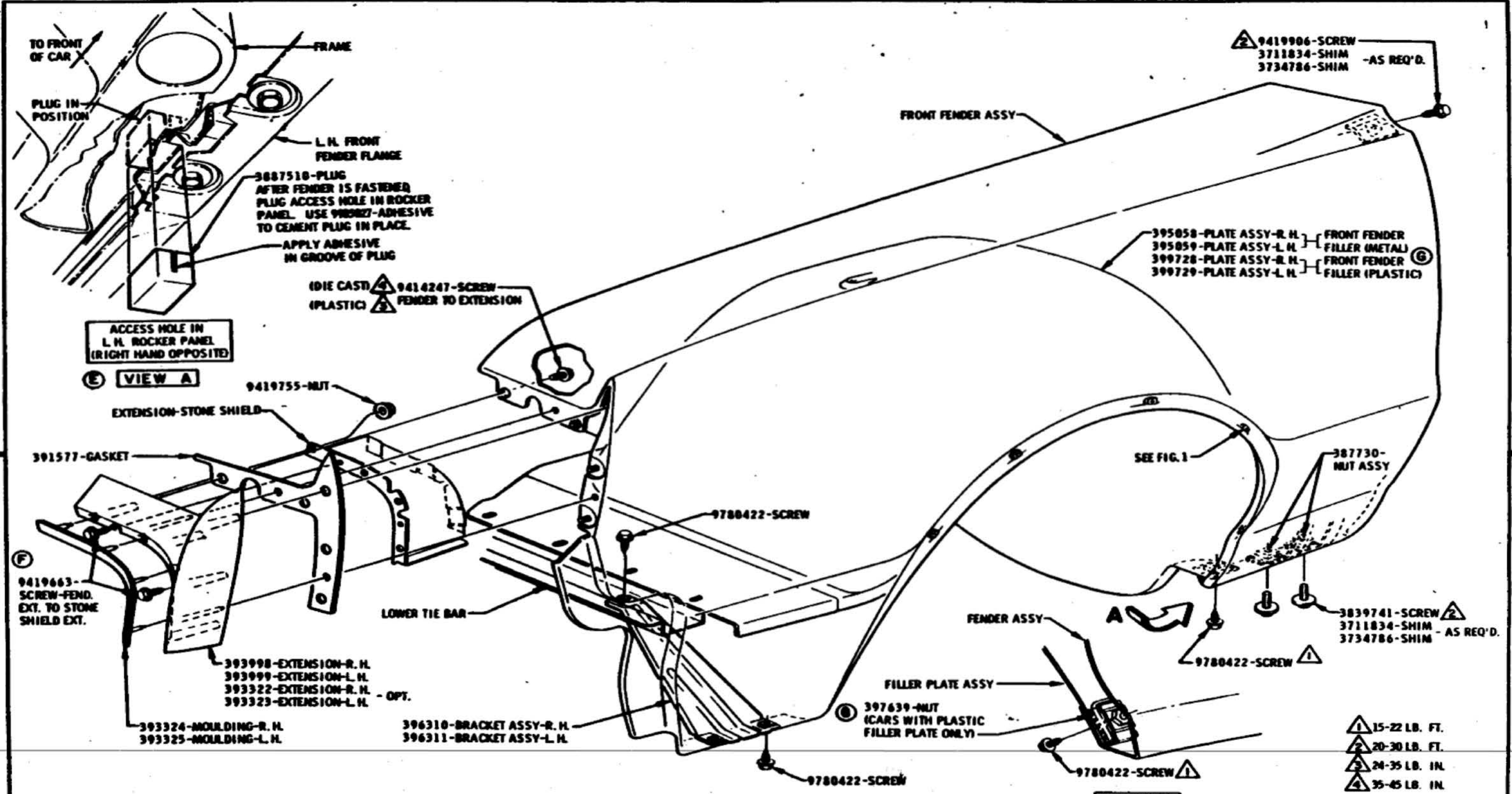
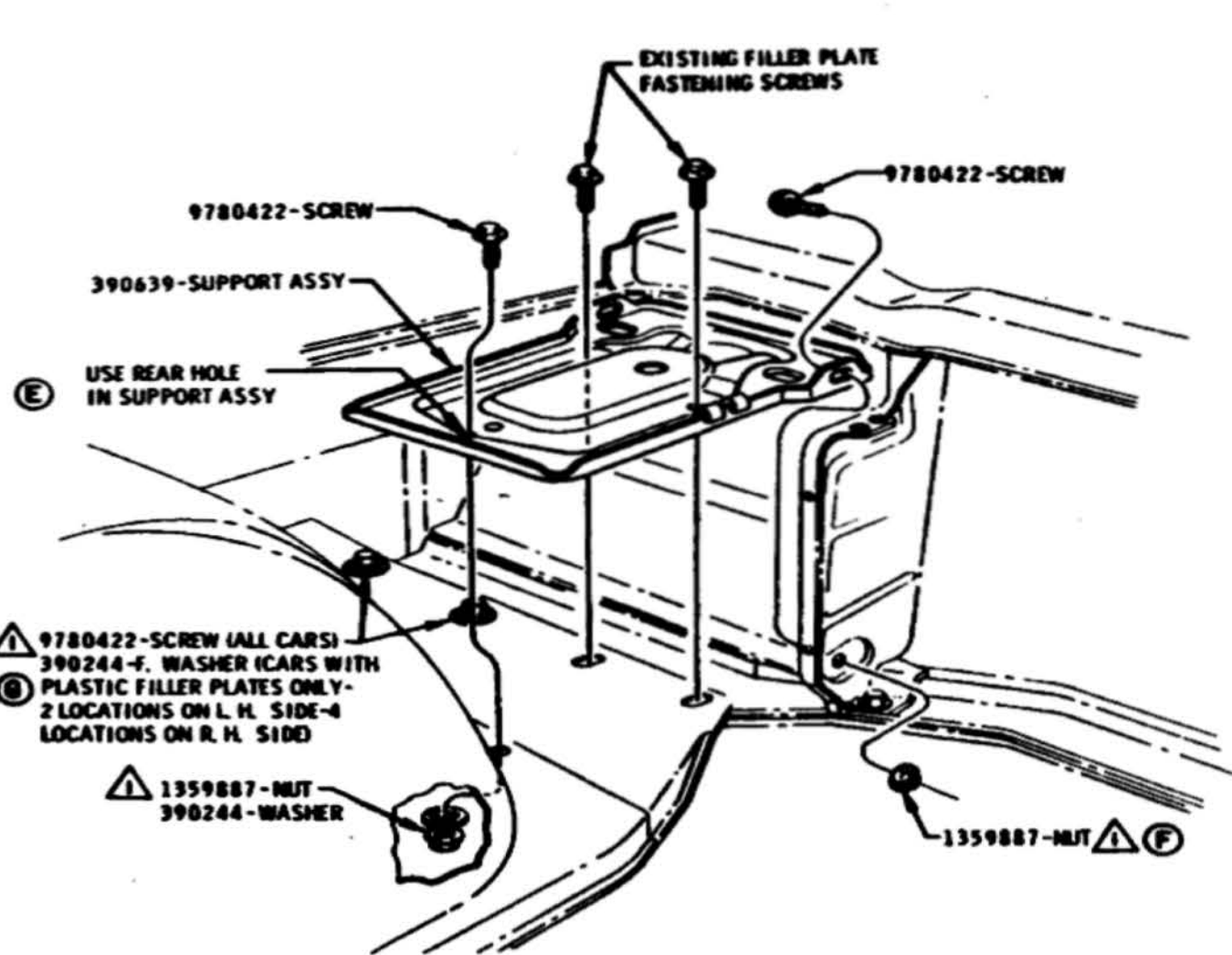
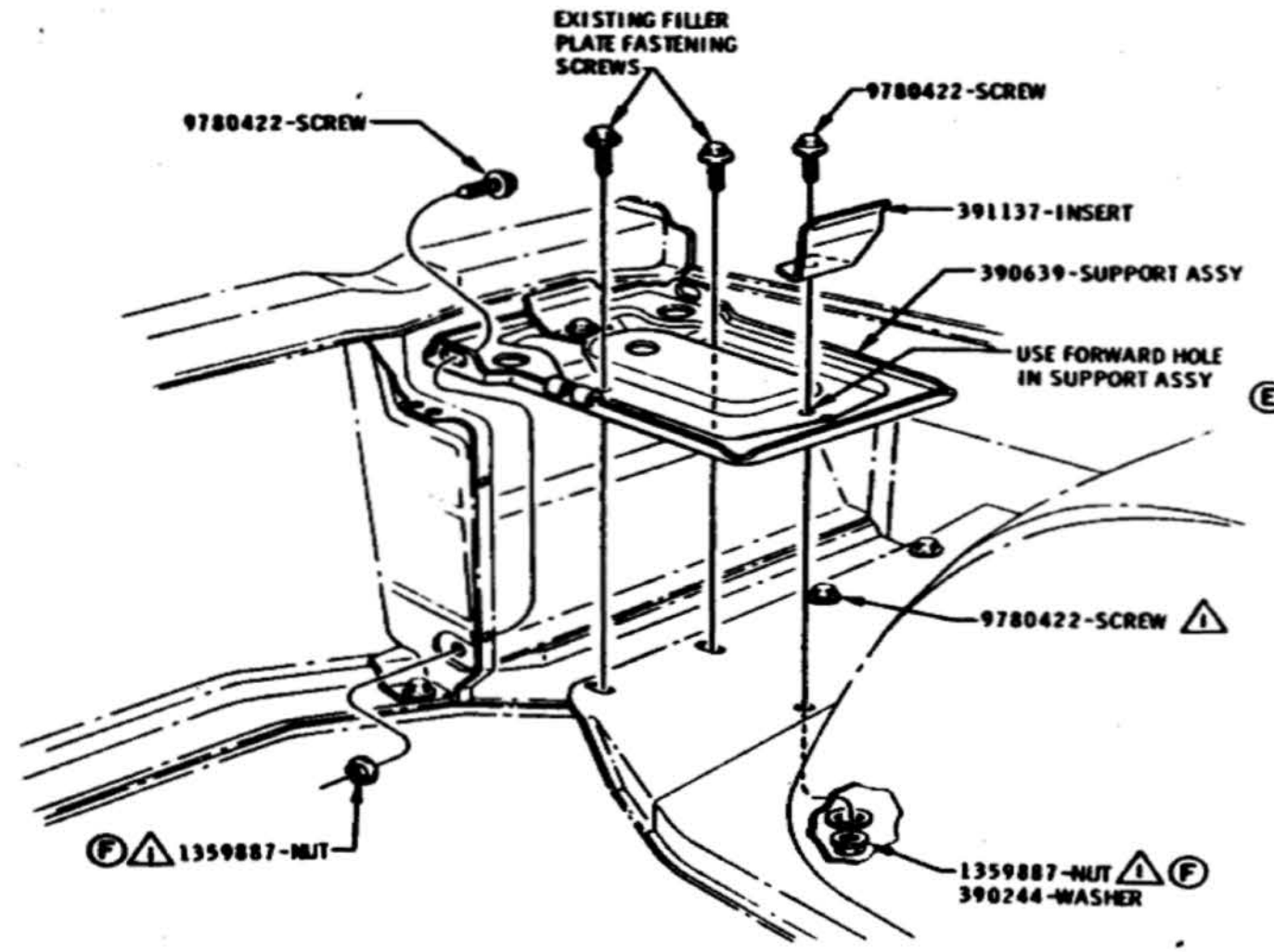


FIGURE I

VIEW ADDED												TITLE		FENDER, EXTENSION AND ACCESS HOLE PLUG		FIRST USED		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE	
D TORQUE ADDED												DATE		1967		SERIES		11		1.21			
C WAS 399728-PLATE ASSY												BY		R.J. McNESSY		REV.		11-A 11E 11G		A		PART NO. 394435	
B PART NOS. ADDED												CHECKED											
A WAS 391096-97 BRKT ASSY												APPR.		F. J. G...									
F 391577-GASKET												DATE											



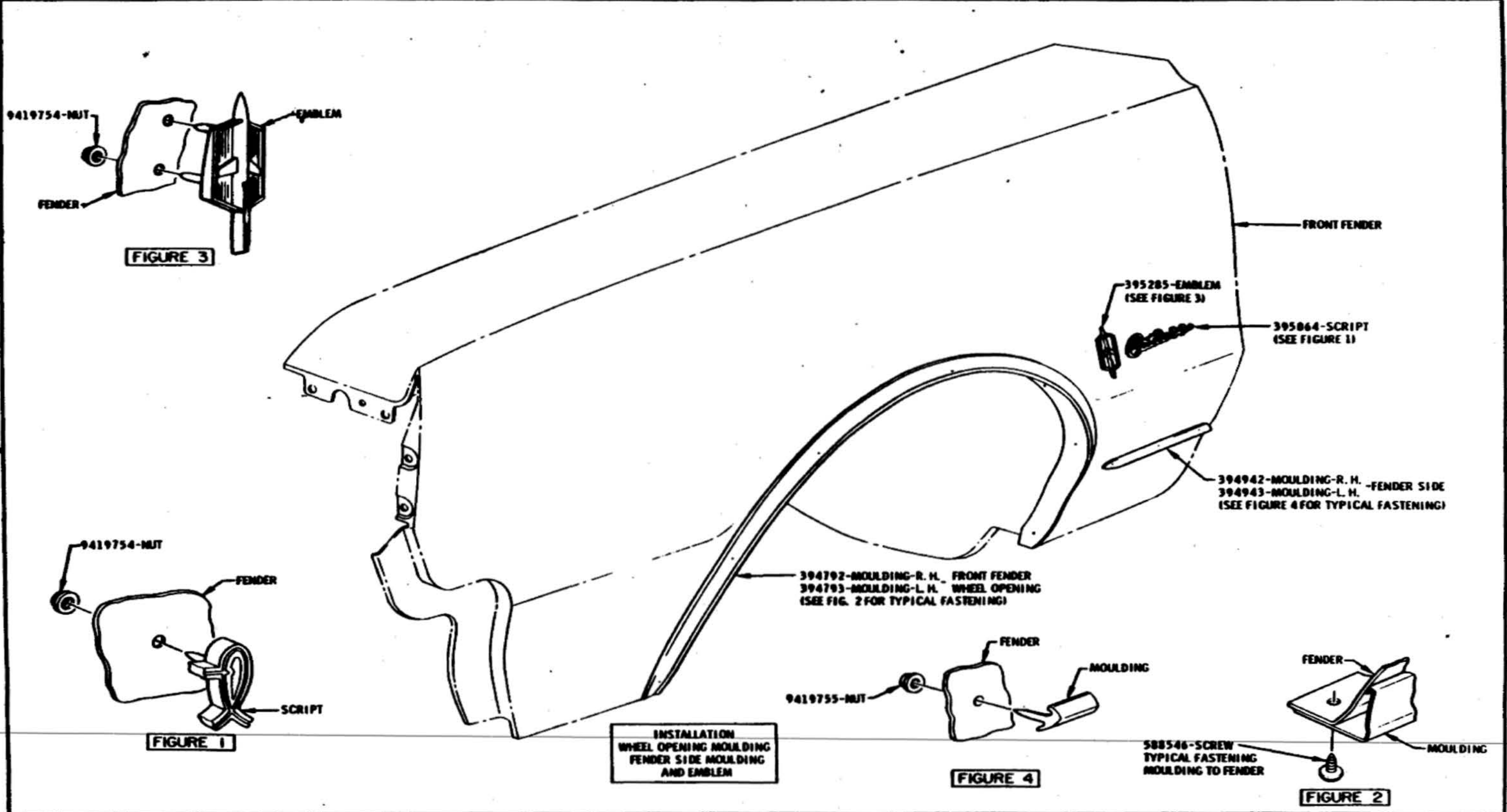
INSTALLATION OF BATTERY SUPPORT V8 ONLY - L.H. SIDE



INSTALLATION OF BATTERY SUPPORT L6 ONLY - R.H. SIDE

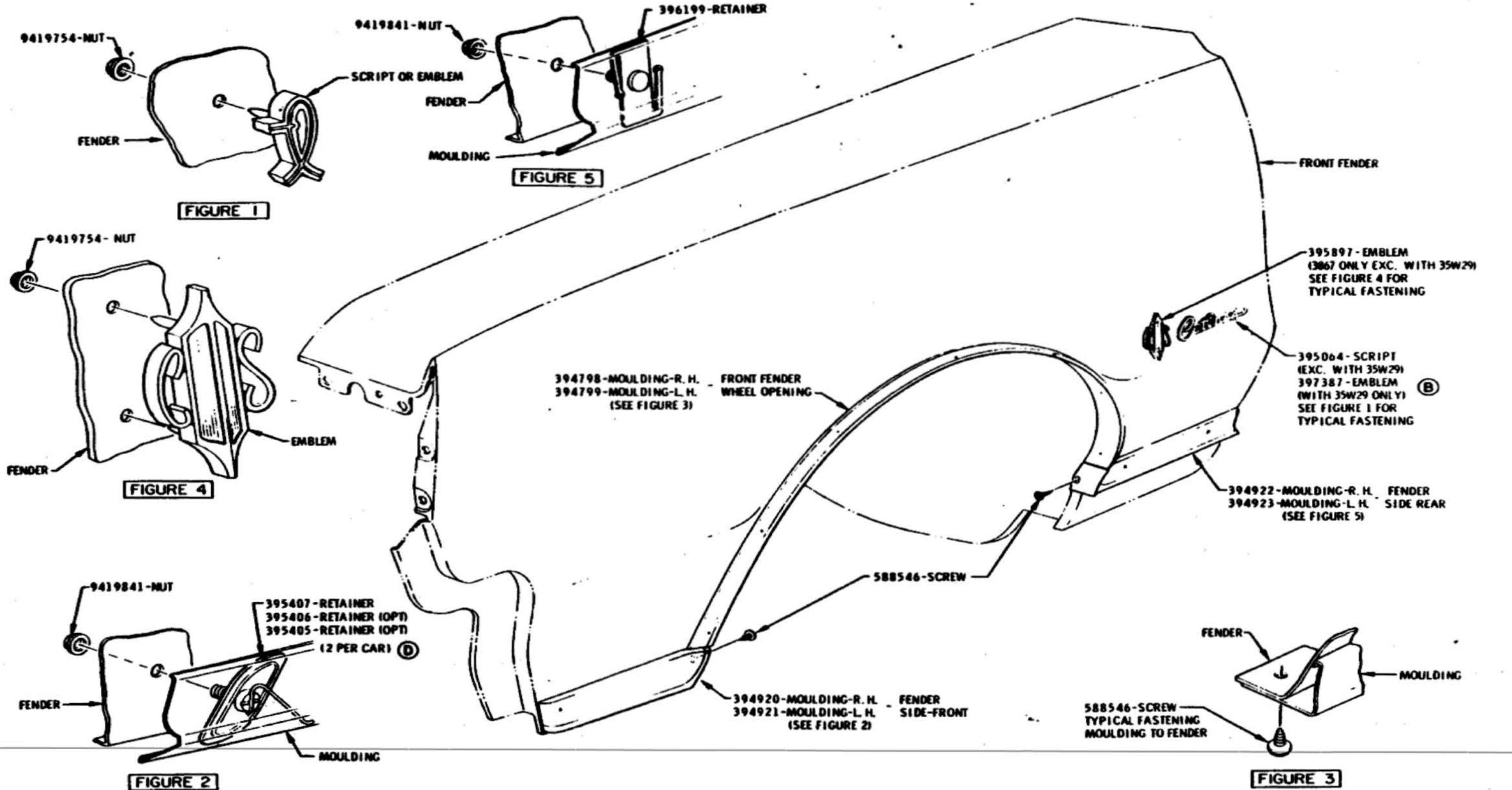
⚠ 15-22 LB. FT.

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	
					9-20-66	E	NOTES ADDED									BATTERY SUPPORTS	1967		11	1.23	
					9-20-66	D	390244-WASHER ADDED			DEC 18 1965											
					1-6-66	C	390244-WASHER ADDED			DR BY P. J. McKESSY											
					10-5-66	F	TORQUE SYM ADDED			CHECKED J.S.											
										APPR. J.S.							128				
																		SERIES A		PART NO 394435	



INSTALLATION
WHEEL OPENING MOULDING
FENDER SIDE MOULDING
AND EMBLEM

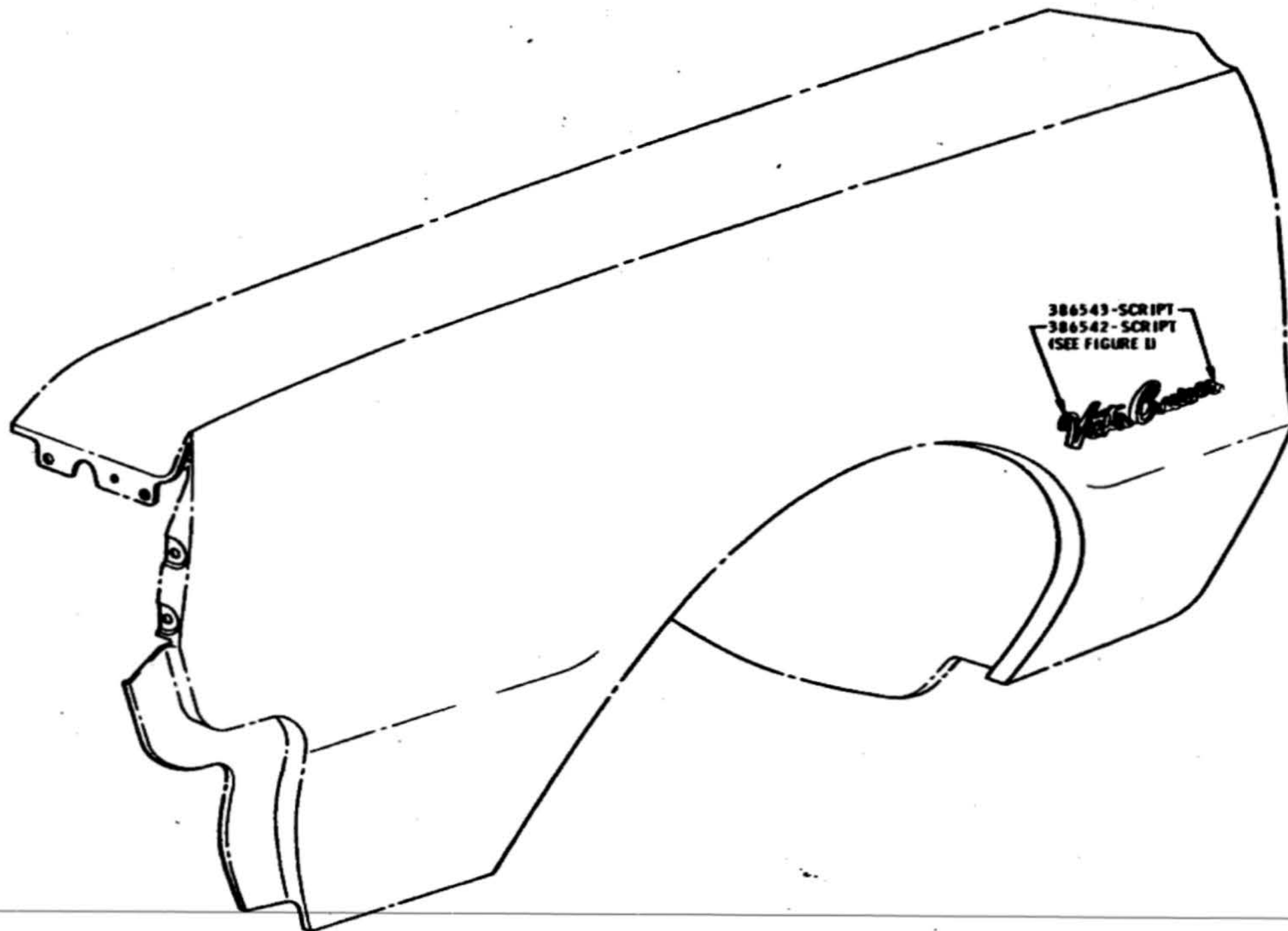
TITLE FRONT FENDER ORNAMENTATION (35-3600)										
DATE <i>JUN. 6, 1966</i>					FIRST USED		OLDSMOBILE PRODUCT		MANUAL SECTION	PAGE
DR. BY <i>P.J. HENESSY</i>					1967		INFORMATION MANUAL		11	131
CHECKED <i>T.M.</i>					SER. 11 B		SERIES		PART NO.	
APPR. <i>[Signature]</i>							A		394435	
DATE	SYM	REVISION	DR. CK.	DATE	SYM	REVISION	DR. CK.	DATE	SYM	REVISION



DATE				SYN				REVISION				DR				CK				DATE				SYN				REVISION				DR				CK				DATE				SYN				REVISION																															
																TITLE FRONT FENDER ORNAMENTATION (3800-EXC. STATION WAGONS)																FIRST USED		OLDSMOBILE PRODUCT		MANUAL SECTION		PAGE																																									
																2/18/67 D QUANTITY ADDED																1967		INFORMATION MANUAL		11		1.32																																									
																2/18/67 C TITLE REVISED																BY PJ																																															
																5/10/66 B 397.24 1 MOD IN ALU																CHECKED																																															
																2/26/66 A FIGURE 2 A.I.D.																APPV																																															
																																SERIES		PART NO		394435																																											
																																A																																															



FIGURE 1



TITLE FRONT FENDER ORNAMENTATION (3465)										
DATE FEB 9 1967					FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 11	PAGE 133
DR. BY P. J. ANGELO					CHECKED BY [Signature]		SERIES A		PART NO 394435	
P. H. D. REVISED & REDRAWN					APPROVED BY [Signature]					
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.

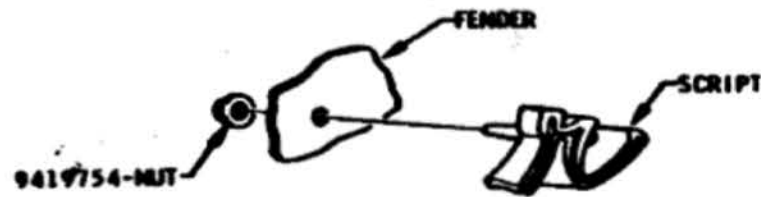


FIGURE 5

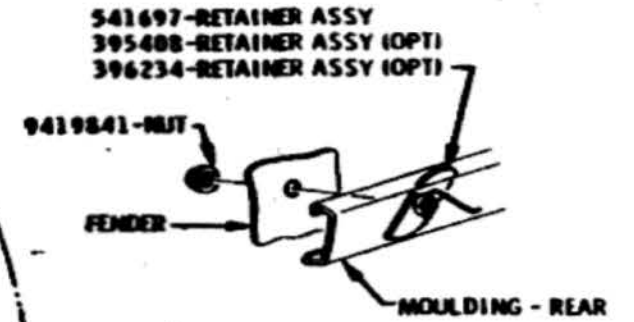


FIGURE 1

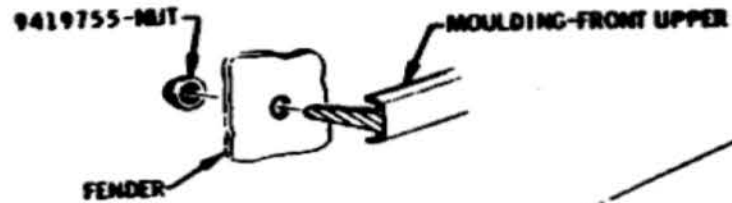


FIGURE 4

386543-SCRIPT
386542-SCRIPT
(SEE FIGURE 5)

394992-MOULDING-R. H. -REAR
394993-MOULDING-L. H. -REAR
(SEE FIGURE 1)

395032-APPLIQUE-R. H. -REAR
395033-APPLIQUE-L. H. -REAR

391052-MOULDING-R. H. -WHEEL OPENING
391053-MOULDING-L. H. -WHEEL OPENING
(SEE FIGURE 2)

FOR FASTENING AND
MATING OF ROCKER
PANEL MOULDING, SEE
FIGURE 2

395024-MOULDING-R. H. -FRONT UPPER
395025-MOULDING-L. H. -FRONT UPPER
(SEE FIGURE 4)

395030-APPLIQUE-R. H. -FRONT
395031-APPLIQUE-L. H. -FRONT

394960-MOULDING-R. H. -FRONT LOWER
394961-MOULDING-L. H. -FRONT LOWER
(SEE FIGURE 3)

588546-SCREW
TYPICAL FASTENING
FOR WHEEL OPENING
MOULDINGS

9420491-SCREW

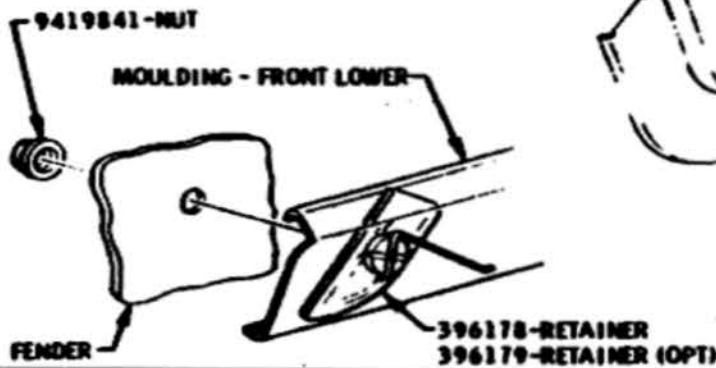


FIGURE 3

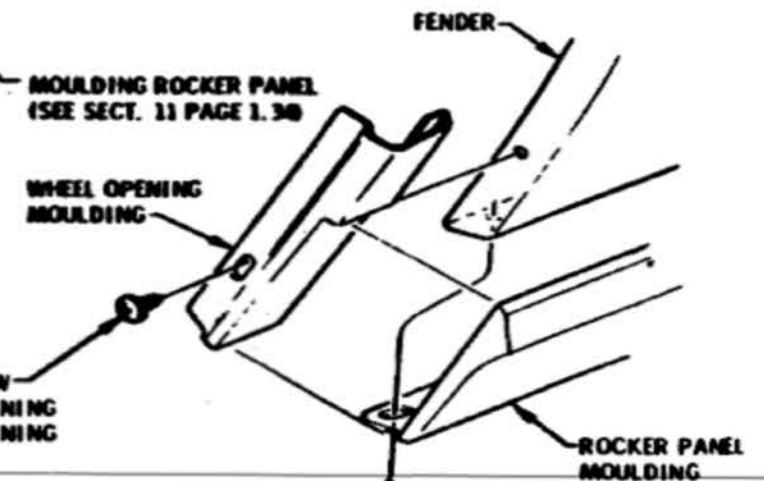
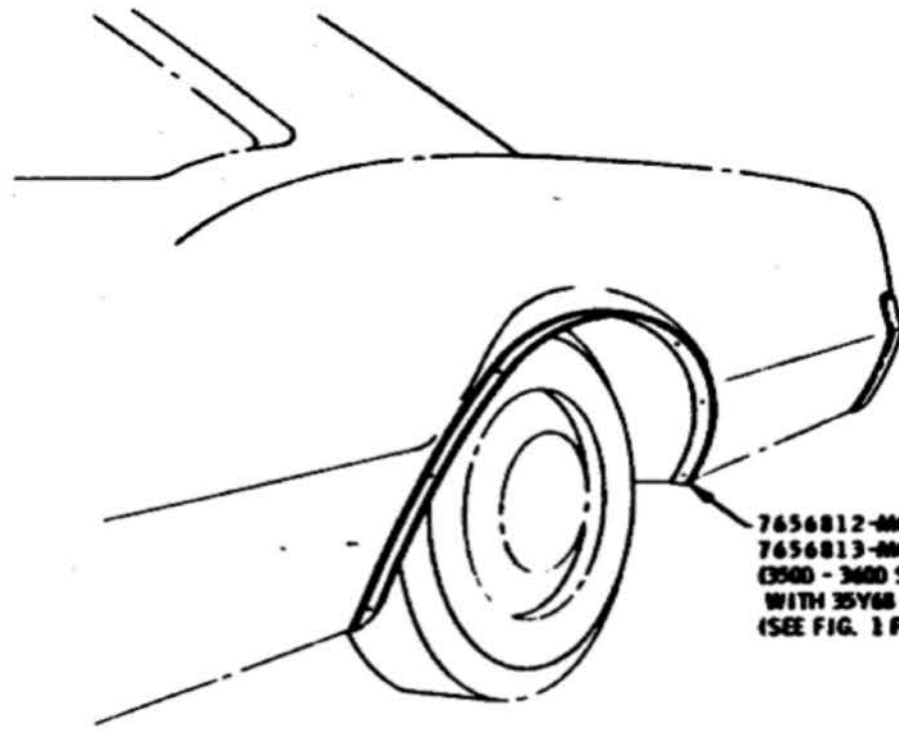


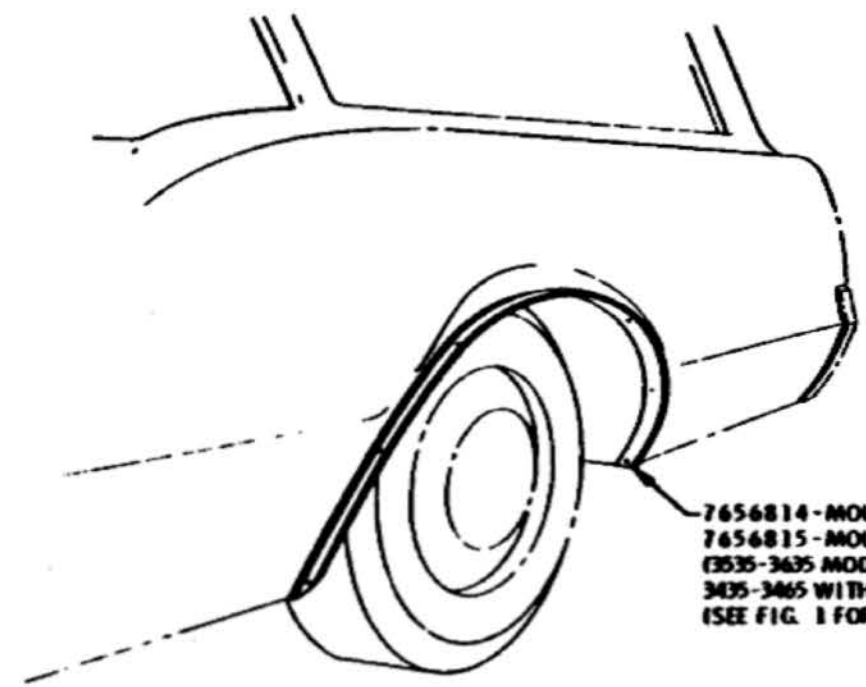
FIGURE 2

TITLE FRONT FENDER ORNAMENTATION (3855 & 3865 MODELS ONLY)													
DATE <i>FEB. 9, 1966</i>						PART USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 11		PAGE 1.34	
DR. BY <i>G. LESTER</i>						CHECKED <i>[Signature]</i>		REV. <i>116</i>		SERIES A		PART NO. 394435	
APPROVED <i>[Signature]</i>						DATE <i>FEB 9 1966</i>		BY <i>[Signature]</i>		REV. <i>116</i>		APPV. <i>[Signature]</i>	
DATE	SYM	REVISION	DR. CK.	DATE	SYM	REVISION	DR. CK.	DATE	SYM	REVISION	DR. CK.	DATE	SYM



7656812-MOULDING-R. H.
7656813-MOULDING-L. H.
3300 - 3400 SERIES & 3300 - 3400
WITH 35Y68 OPTION
(SEE FIG. 1 FOR TYPICAL FASTENING)

EXCEPT STATION
WAGON MODELS



7656814-MOULDING-R. H.
7656815-MOULDING-L. H.
3335-3465 MODELS & 3335-
3465 WITH 35Y68 OPTION
(SEE FIG. 1 FOR TYPICAL FASTENING)

STATION WAGON
MODELS ONLY

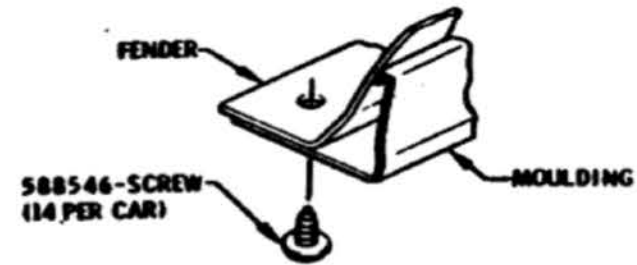


FIGURE 1

TYPICAL FASTENING
MOULDING TO FENDER

										TITLE REAR WHEEL OPENING MOULDINGS				
DATE					DATE					DATE	REV. USED	OLDSMOBILE PRODUCT	MANUAL SECTION	PAGE
SYM					SYM					1967	1967	INFORMATION MANUAL	11	1.36
REVISION					REVISION					APPV	REV. 1A2F	SERIES	PART NO.	
DR. CK.					DR. CK.					APPV	35Y68	A	394435	

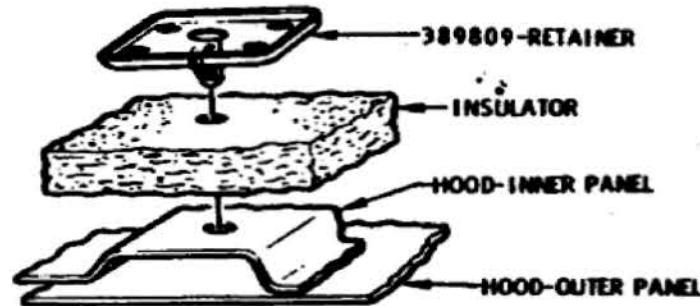


FIGURE 1

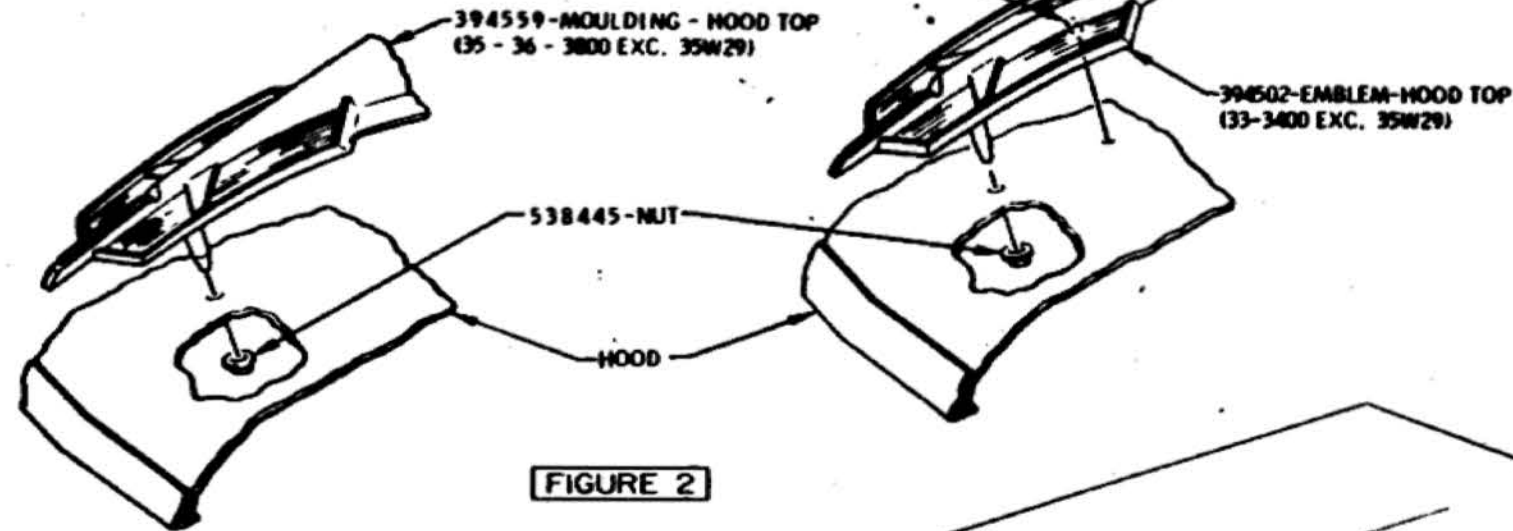


FIGURE 2

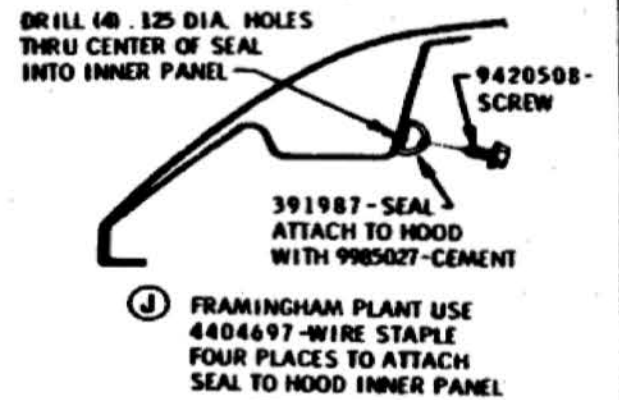


FIGURE 5

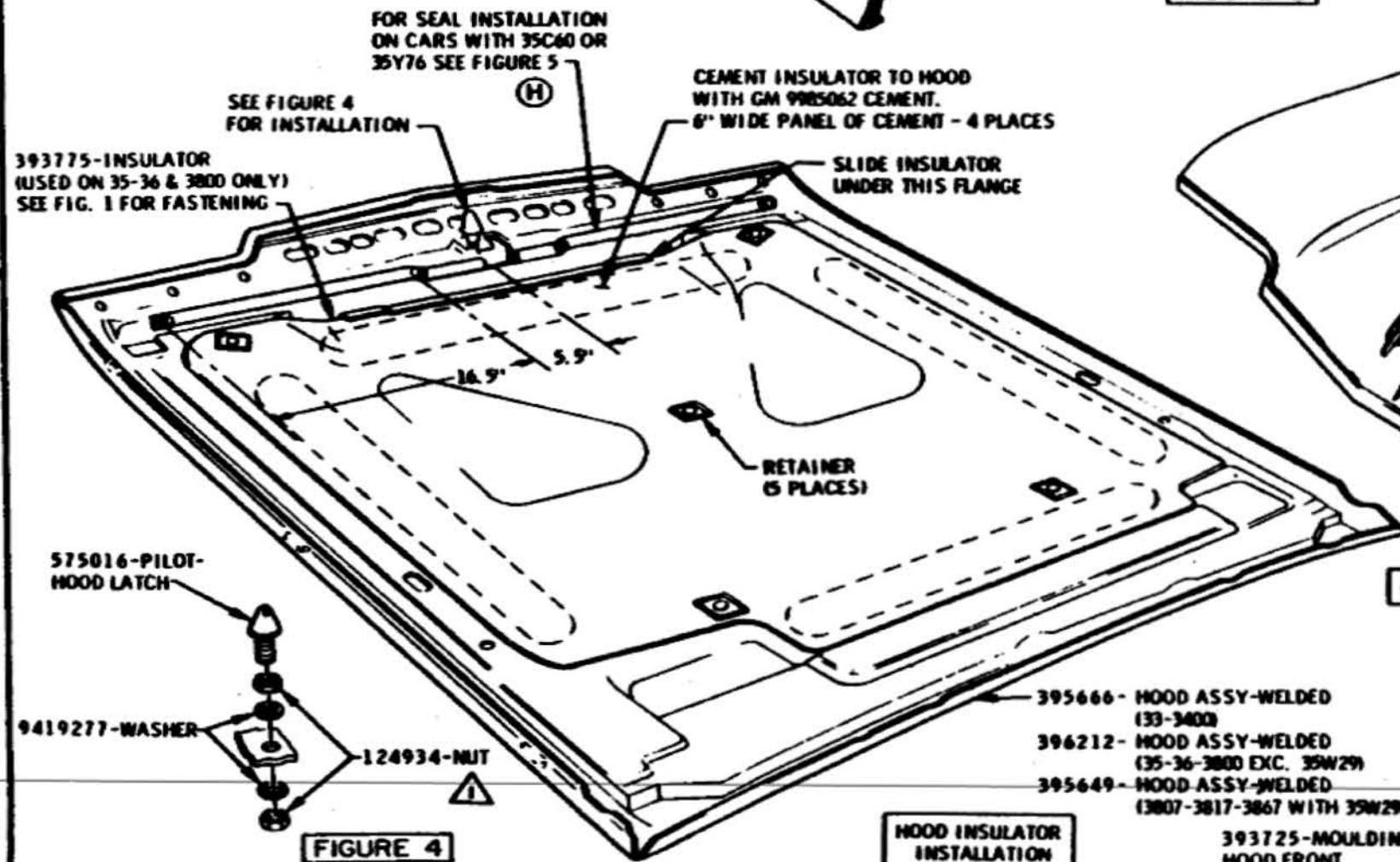
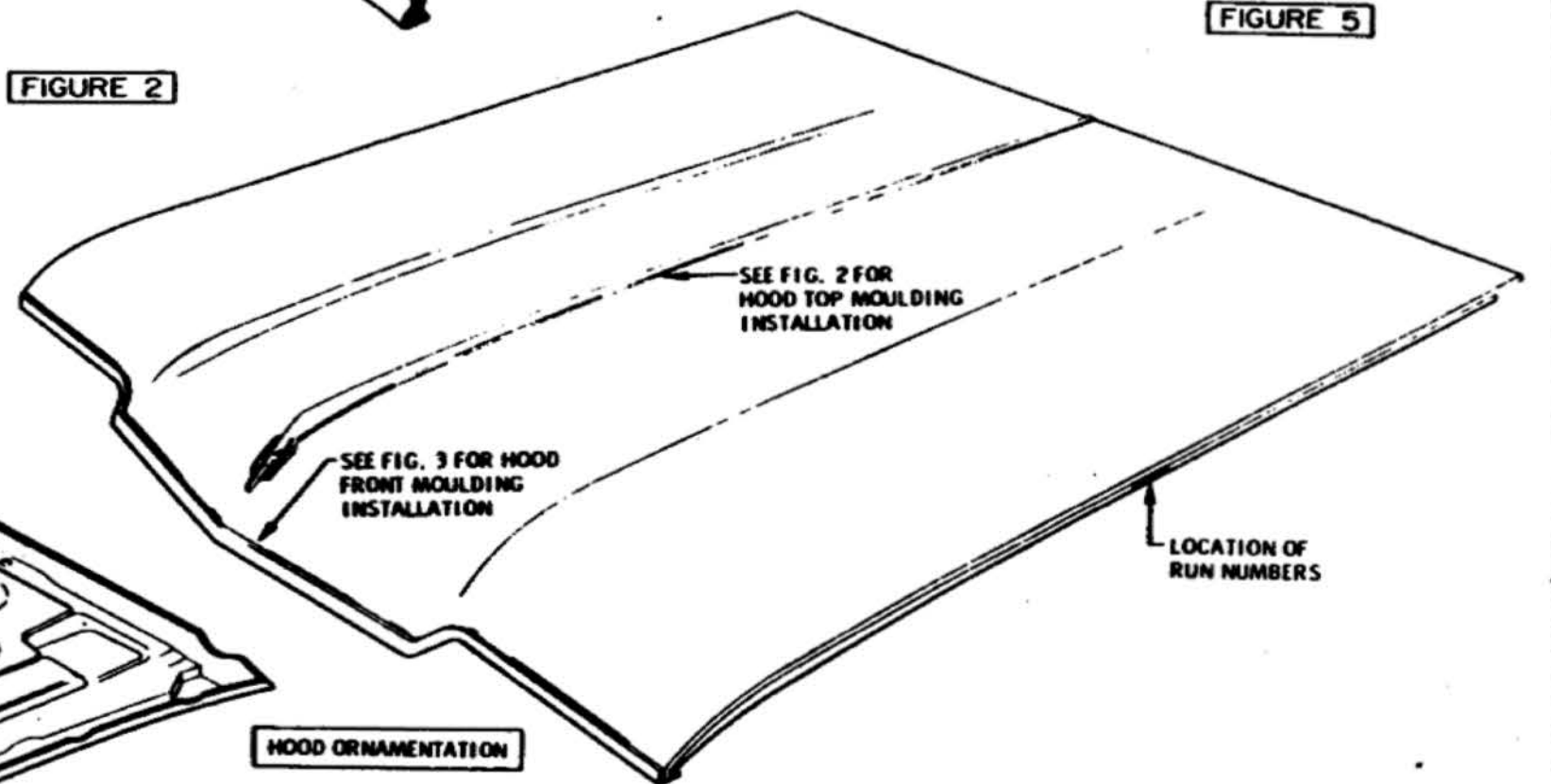


FIGURE 4



HOOD ORNAMENTATION

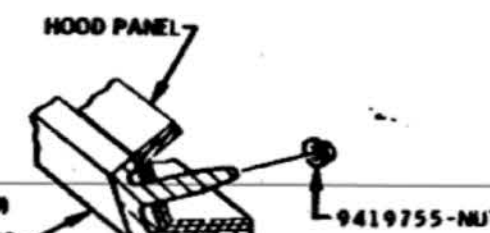


FIGURE 3

- 395666- HOOD ASSY-WELDED (33-3400)
- 396212- HOOD ASSY-WELDED (35-36-3800 EXC. 35W29)
- 395649- HOOD ASSY-WELDED (3807-3817-3867 WITH 35W29)

HOOD INSULATOR INSTALLATION

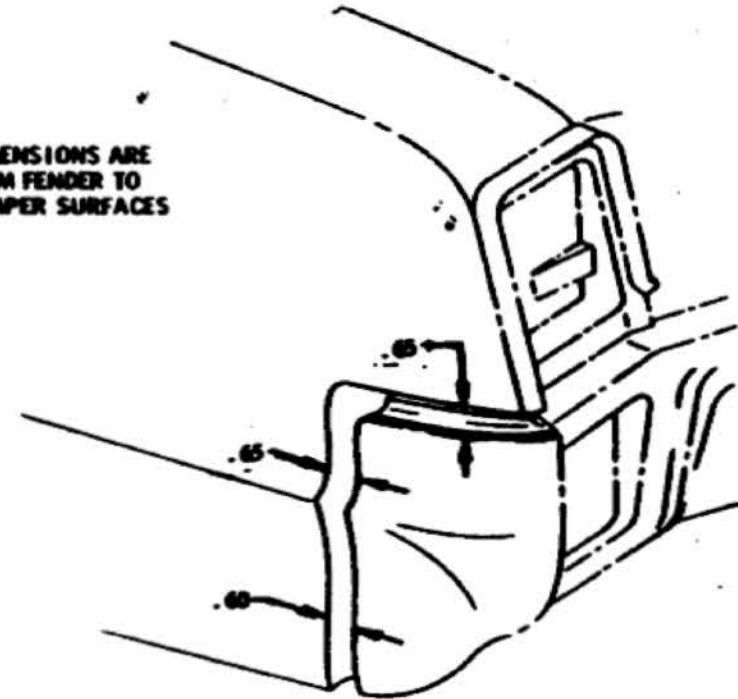
HOOD FRONT

(K) ⚠ 20-30 LB. -FT.

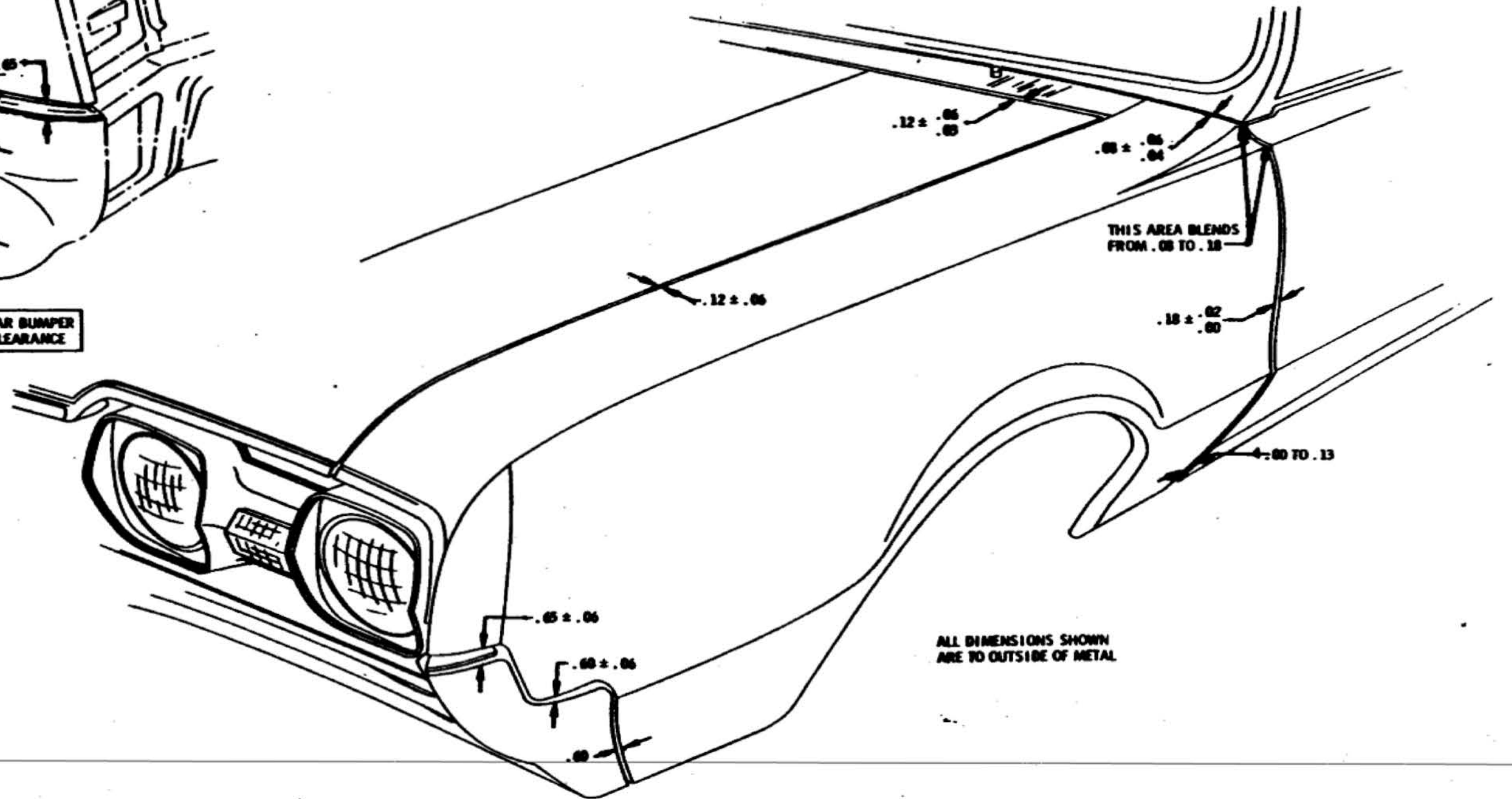
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APP	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	
					2-15-67	K	TORQUE ADDED									HOOD ASSY-COMplete	1967		11	1.44	
					2-26-67	J	STAPLE NOTE ADDED														
					12-13-66	H	USAGE REVISED														
					7-6-66	B	FLANGE ADDED														
					5-24-66	F	TORQUES REMOVED														

PART NO **394435**

DIMENSIONS ARE
FROM FENDER TO
BUMPER SURFACES

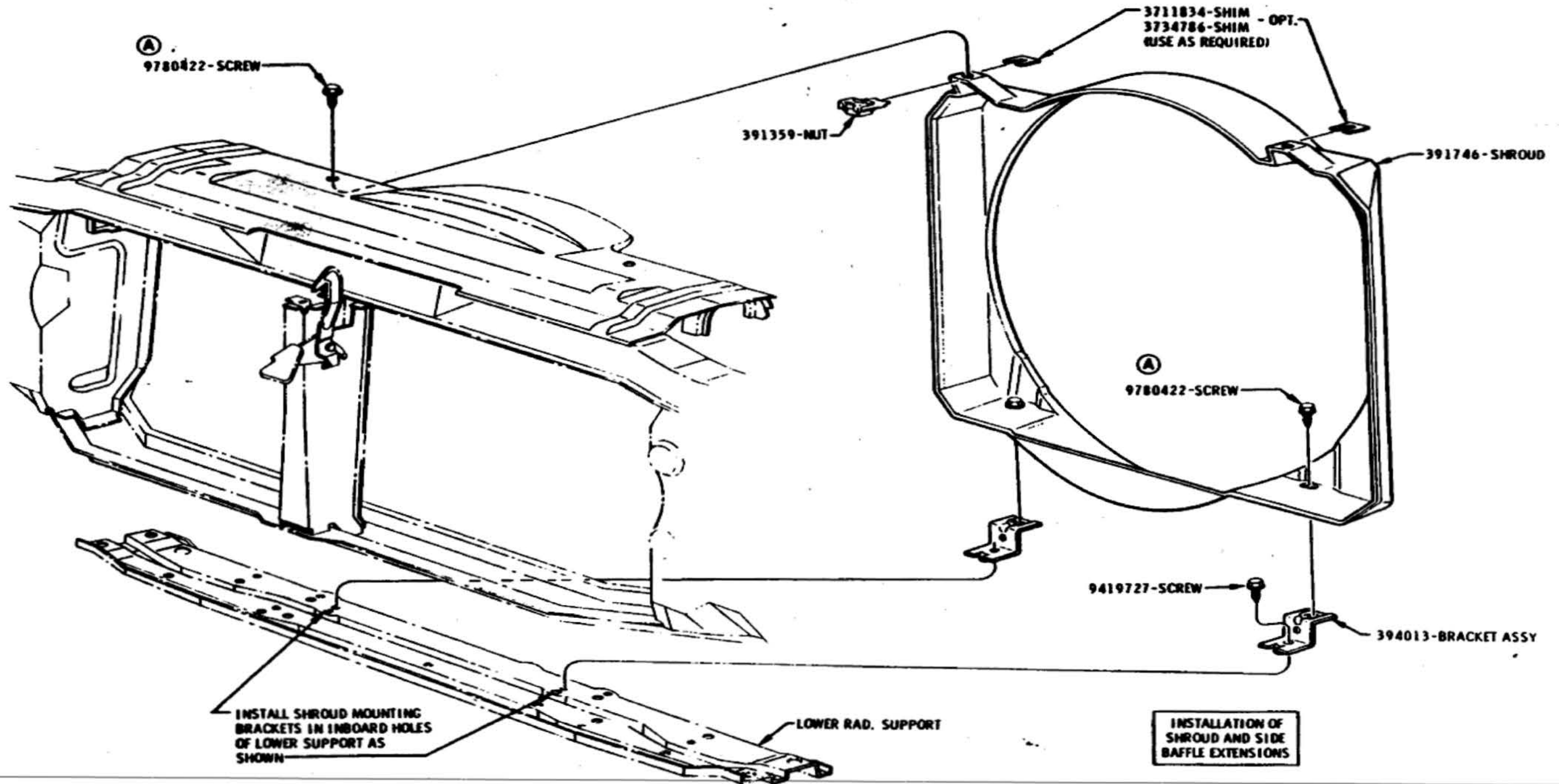


REAR BUMPER
CLEARANCE

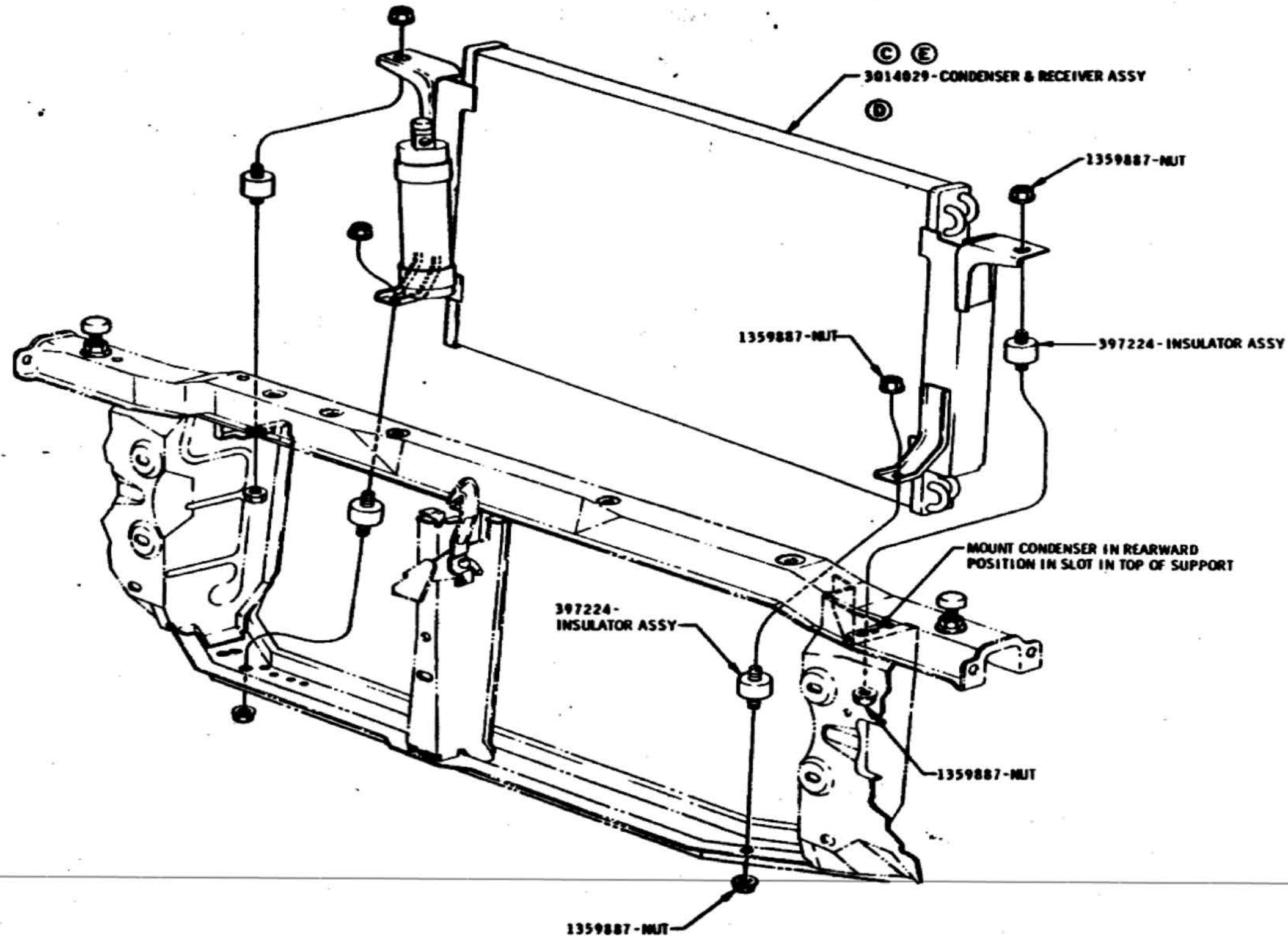


ALL DIMENSIONS SHOWN
ARE TO OUTSIDE OF METAL

DATE				SYN				REVISION				TITLE				PART NO.		MANUAL SECTION		PAGE			
												SHEET METAL CLEARANCES				1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		11		1.45	
												DATE APR 6 1966				CHECKED R. J. KELSY		APPV. [Signature]		DRAWN A		PART NO. 394435	



												TITLE		SHROUD TO SUPPORTS - L6							
												DATE	DEC. 18 1968	FIRST USED	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	11	PAGE	2.02	
												DR. BY	P. J. McNESSY	CHECKED	<i>[Signature]</i>	REF	JSC60	SERIES	A	PART NO	394435
												3-28-66	RA FASTENING REVISED	BY	DT	APPR	<i>[Signature]</i>				
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR						



DATE						9-27-66	BY	G. W. KESTER	TITLE	CONDENSER & SUPPORTS - VB	FIRST USED	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	11	PAGE	2.15
REVISION						5-11-66	BY	G. W. KESTER	DATE	DEC. 18, 1965	REF	56660	SERIES	A	PART NO.	394435	
						9-27-66	BY	G. W. KESTER									
						5-11-66	BY	G. W. KESTER									
						1-11-66	BY	G. W. KESTER									

ELECTRICAL - SECTION 12

- 1.01 FUSE PANEL CHART**
- 1.02 HEADLAMP FOCUS CHART**
- 1.08 INSTRUMENT PANEL WIRING (FROM FRONT)**
- 1.09 INSTRUMENT PANEL WIRING (FROM REAR)**
- 1.10 STOP LIGHT AND COLUMN SWITCH WIRING**
- 1.11 MANUAL TRANSMISSION TRAFFIC HAZARD WARNING FLASHER**
- 1.12 HEATER CONTROL WIRING**
- 1.13 PARKING BRAKE LAMP**
- 1.14 POWER TOP AND REAR SPEAKER CONNECTIONS**
- 1.15 AUTOMATIC THROTTLE CONTROL WIRING**
- 1.17 BRAKE LINE DISTRIBUTOR & SWITCH ASSEMBLY WIRING**
- 1.18 V8 FRONT OF DASH AND FILLER PLATE WIRING**
- 1.19 L6 FRONT OF DASH AND FILLER PLATE WIRING**
- 1.20 ENGINE COIL, PLUG WIRING & DASH GROUND STRAP**
- 1.21 V8 GENERATOR AND OIL & TEMPERATURE SWITCH WIRING**
- 1.22 RALLY PACK ENGINE COMPARTMENT WIRING**
- 1.23 V8 STARTER CABLE TUBES**
- 1.24 L6 BATTERY CABLE AND ENGINE WIRING**
- 1.25 L6 ENGINE WIRING**
- 1.26 V8 BATTERY HOLD DOWN, CABLES AND STRAPS**
- 1.27 HEADLAMP, TURN SIGNAL AND HORN WIRING**

(A)

DATE OF ISSUE 11-22-66

MANUAL NO. 394435

PAGE 0.01

1.28	FUEL TANK AND LICENSE LAMP WIRING
1.29	STATION WAGON FUEL TANK WIRING
1.30	COURTESY LAMPS
1.31	GLOVE BOX LAMP WIRING
1.32	4 SPEED MANUAL FLOOR SHIFT BACK-UP LAMP WIRING
1.33	3 SPEED MANUAL FLOOR SHIFT BACK-UP LAMP WIRING
1.34	BACK-UP LAMP WIRING HOOK UP IN REAR OF CAR
1.35	TRUNK LAMP
2.00	AIR CONDITIONING CONTROL WIRING
2.01	V8 A/C ENGINE COMPARTMENT WIRE ROUTING
2.02	L6 A/C COMPRESSOR WIRE ROUTING
3.01	RALLY PACK TACHOMETER WIRE ROUTING
3.10	AUTOMATIC TRANSMISSION CONSOLE WIRE ROUTING
3.20	ELECTRIC ANTENNA & S.W. REAR WINDOW CABLES
3.40	REAR WINDOW DEFOGGER WIRING TO HARNESS
3.41	REAR WINDOW DEFOGGER WIRING TO PANEL
3.45	CAPACITOR DISCHARGE SYSTEM WIRING DIAGRAM
3.46	CAPACITOR DISCHARGE SYSTEM WIRE ROUTING
3.47	CAPACITOR DISCHARGE SYSTEM WIRE CONNECTIONS

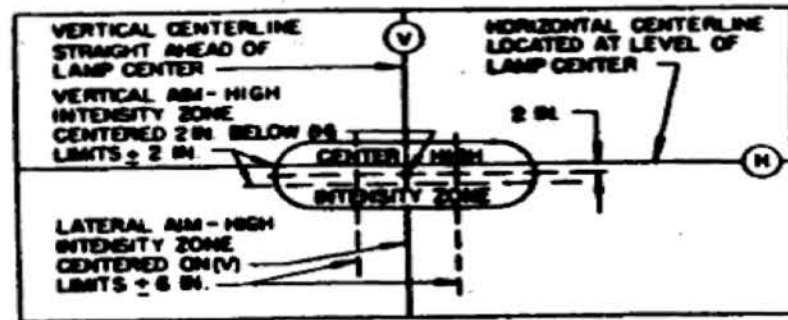
(A)

DATE OF ISSUE 8-10-66

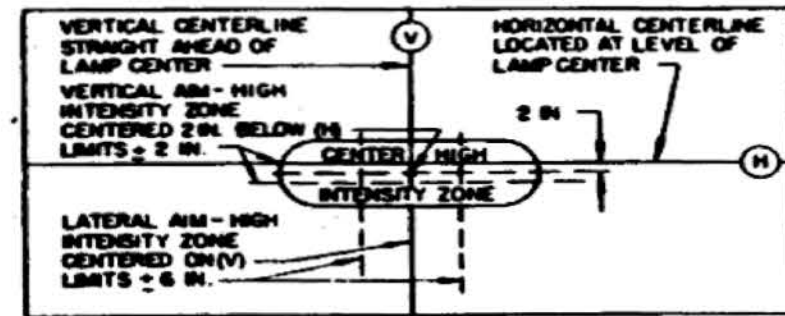
MANUAL NO. 394435

SECTION 12

PAGE 0.02

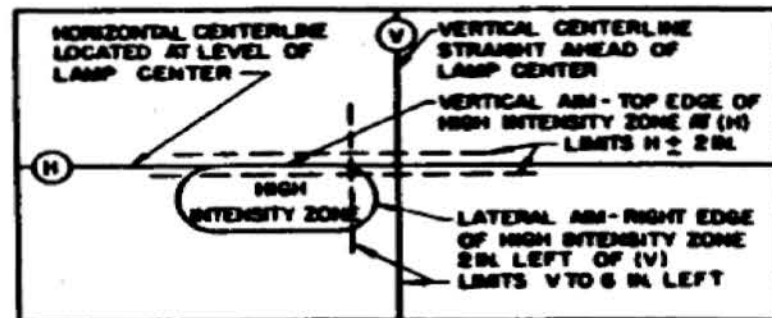


INSPECTION LIMITS FOR UPPER BEAM

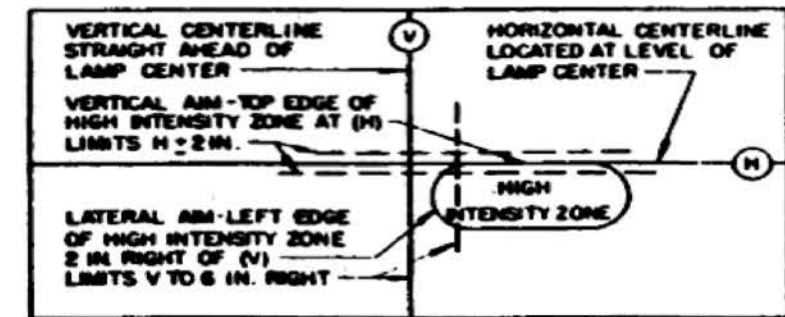


INSPECTION LIMITS FOR UPPER BEAM

HEADLAMP AIMING
THE AIMING INSTRUCTIONS APPLY WITH A 25 FT. DISTANCE BETWEEN THE VEHICLE HEADLIGHTS AND THE AIMING SURFACE. CAR MUST BE POSITIONED ON LEVEL SURFACE WITH GAS TANK EMPTY (0 TO 4 GALLONS)



INSPECTION LIMITS FOR LOWER BEAM

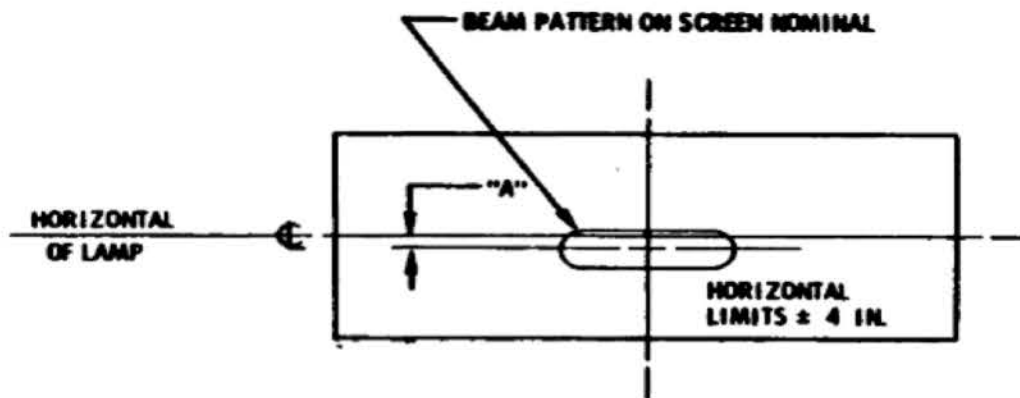


INSPECTION LIMITS FOR LOWER BEAM

**EXPORT
FOR LEFT RULE OF ROAD**

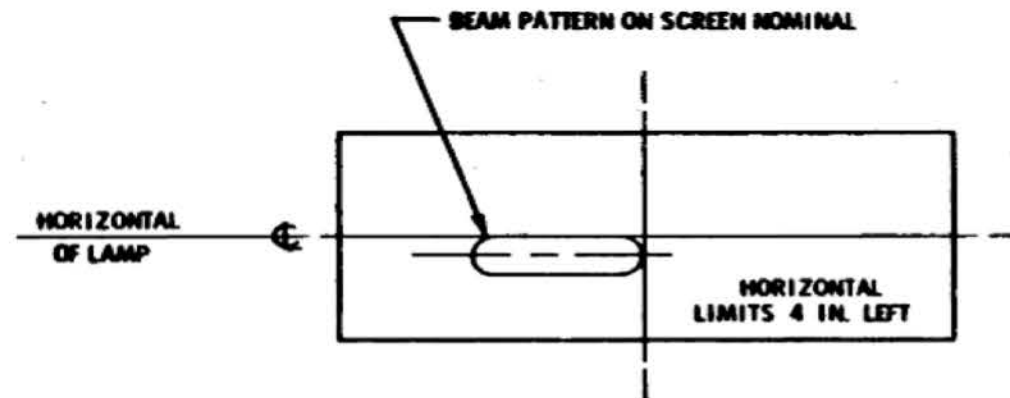
										TITLE		CHART - HEADLAMP FOCUS			
										DATE FEB 9 1966		FIRST USED			
										DR BY K. LOVELL		1967			
										CHECKED J. V. FAMES		OLDSMOBILE PRODUCT			
										APPR.		INFORMATION MANUAL			
												MANUAL SECTION			
												12			
												PAGE			
												1.02			
												SERIES			
												ABCE			
												PART NO.			
												396386			
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.

HEADLAMP AIMING
EXPORT
FOR LEFT RULE OF ROAD



DIMENSION "A" —
 GAS TANK EMPTY - 1.00 TO 3.00 BELOW HORIZ. C
 GAS TANK FULL - ON HORIZ. C TO 2.00 BELOW

FOR SINGLE BEAM
 SINGLE FILAMENT UNIT
 TYPE I



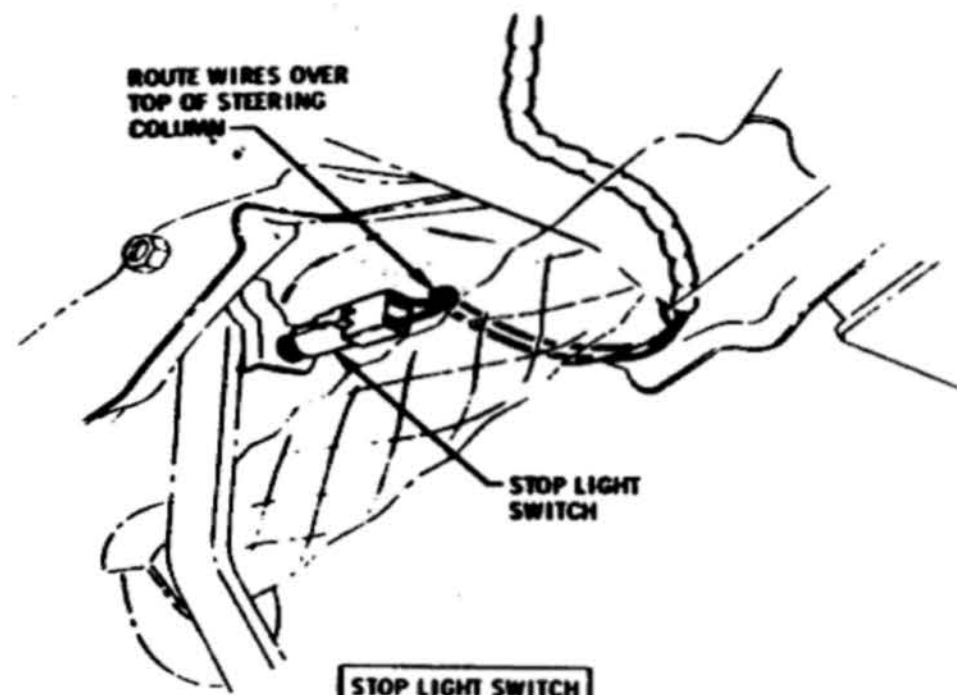
GAS TANK EMPTY - TOP OF HOT SPOT 1.00
 BELOW HORIZONTAL C TO 1.00 ABOVE.
 GAS TANK FULL - TOP OF HOT SPOT AT
 HORIZONTAL C TO 2.00 ABOVE.

FOR LOWER BEAM
 TWO FILAMENT UNIT
 TYPE II

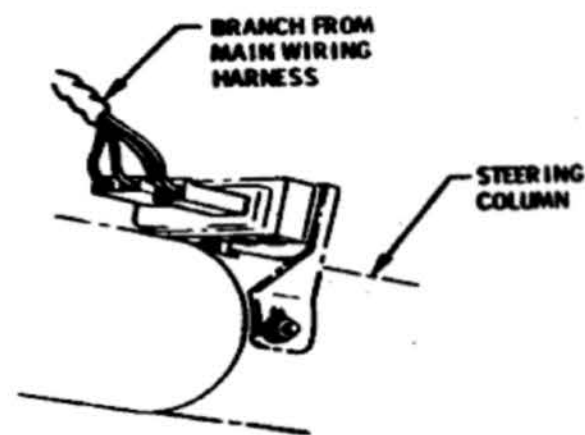
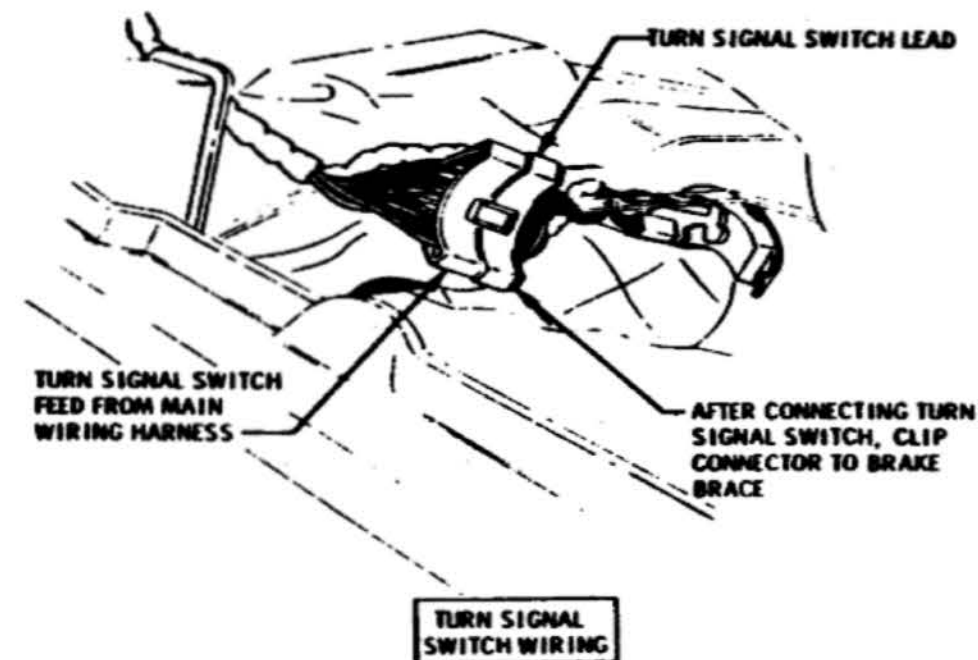
CAR MUST BE POSITIONED
 ON LEVEL SURFACE

THE ABOVE AIMING INSTRUCTIONS APPLY
 WITH A 25 FT. DISTANCE BETWEEN THE
 VEHICLE HEADLIGHTS AND THE AIMING
 SURFACE.

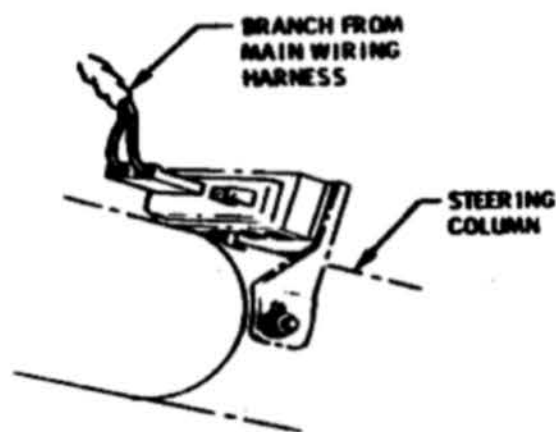
TITLE												CHART-HEADLAMP FOCUS (EXPORT)				
DATE <i>FEB. 9, 1966</i>						FIRST USED			OLDSMOBILE PRODUCT			MANUAL SECTION		PAGE		
DR BY <i>K. LOVELL</i>						1967			INFORMATION MANUAL			12		1.03		
CHECKED <i>J. N. RIMS</i>																
APPR.												SERIES		PART NO		
												ABCE		396386		
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	



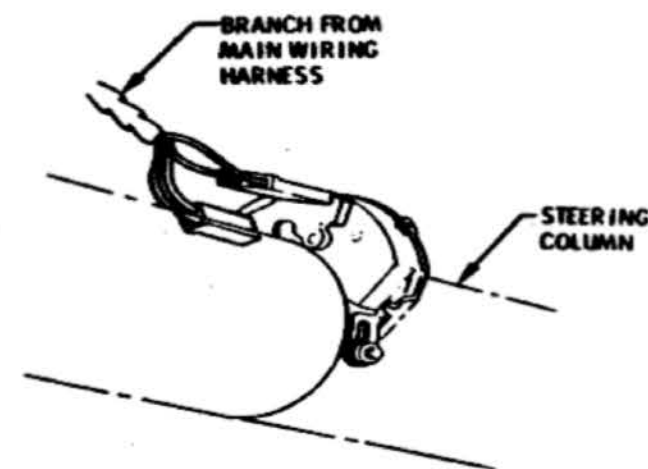
STOP LIGHT SWITCH WIRING



BACK-UP SWITCH WIRING (SMT WITH 35U2) ON COLUMN

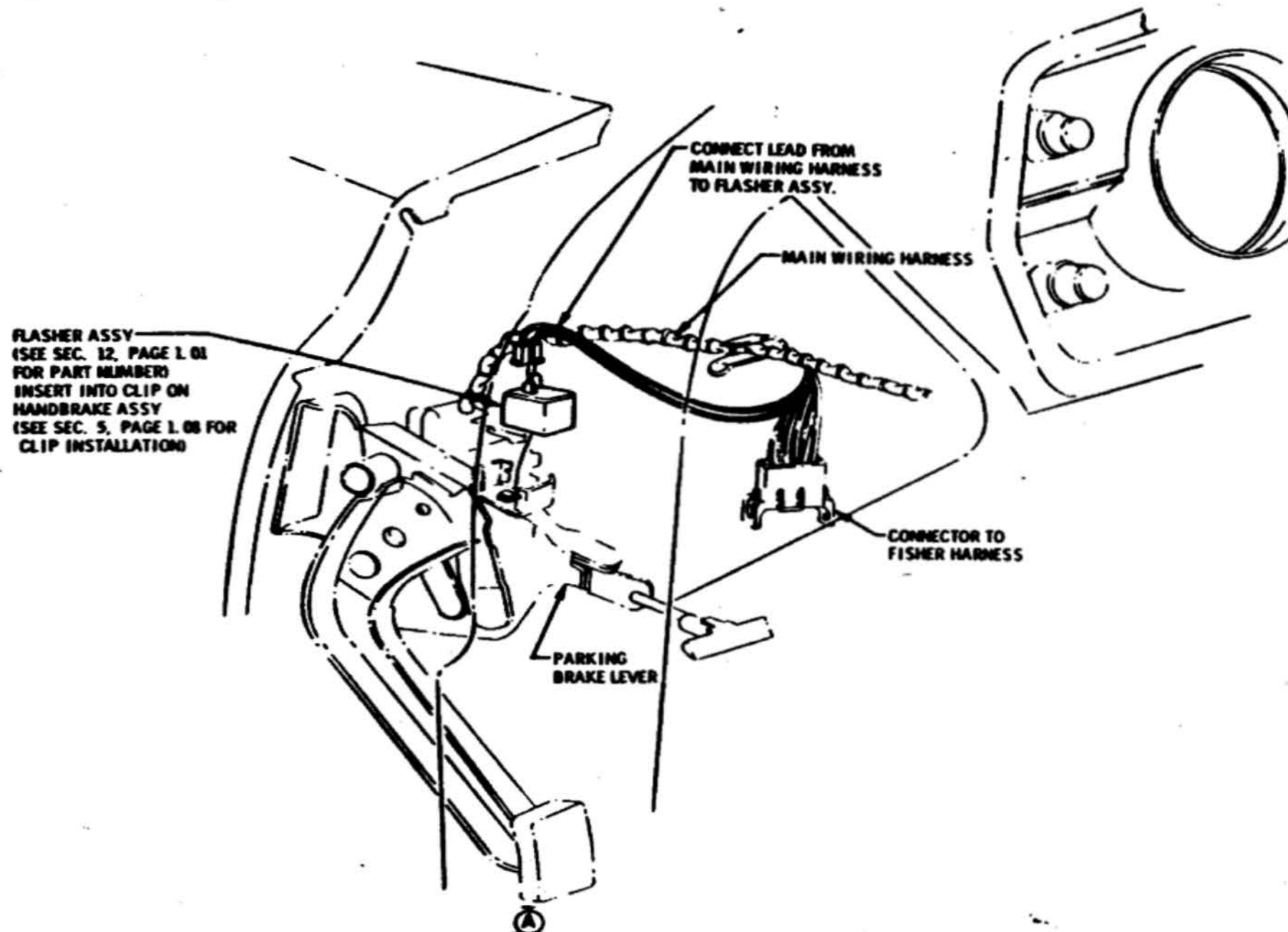


BACK-UP SWITCH WIRING (SMT ONLY)



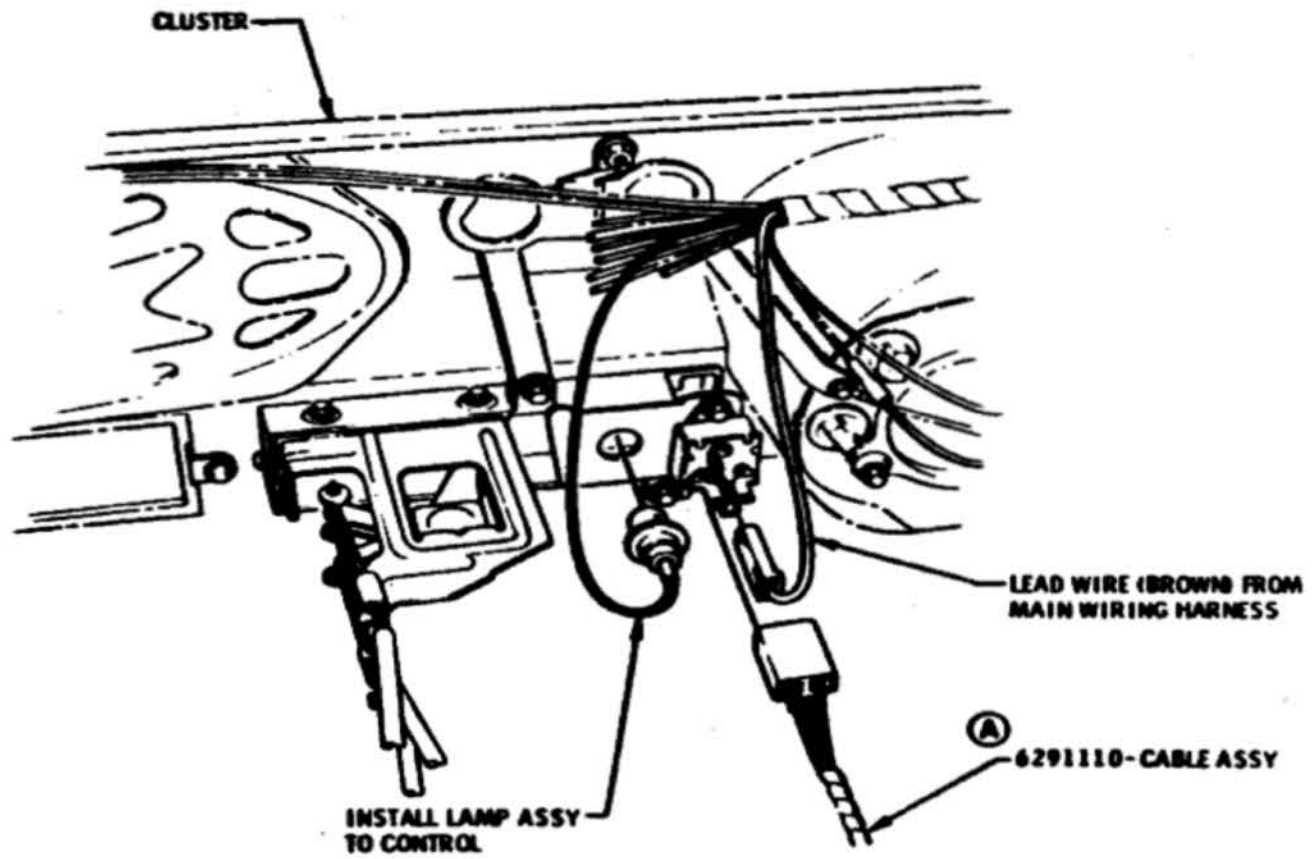
NEUTRAL START & BACK-UP SWITCH WIRING (AMT ONLY)

TITLE										STOPLIGHT SW. & COLUMN SW. WIRING									
DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	APPR.	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																1967		12	1.10
										NOTE REVISED		BY	CHKD	APPR.					
										REVISED & RE-ORIGIN		BY	CHKD	APPR.					
										SERIES		A		PART NO. 394435					

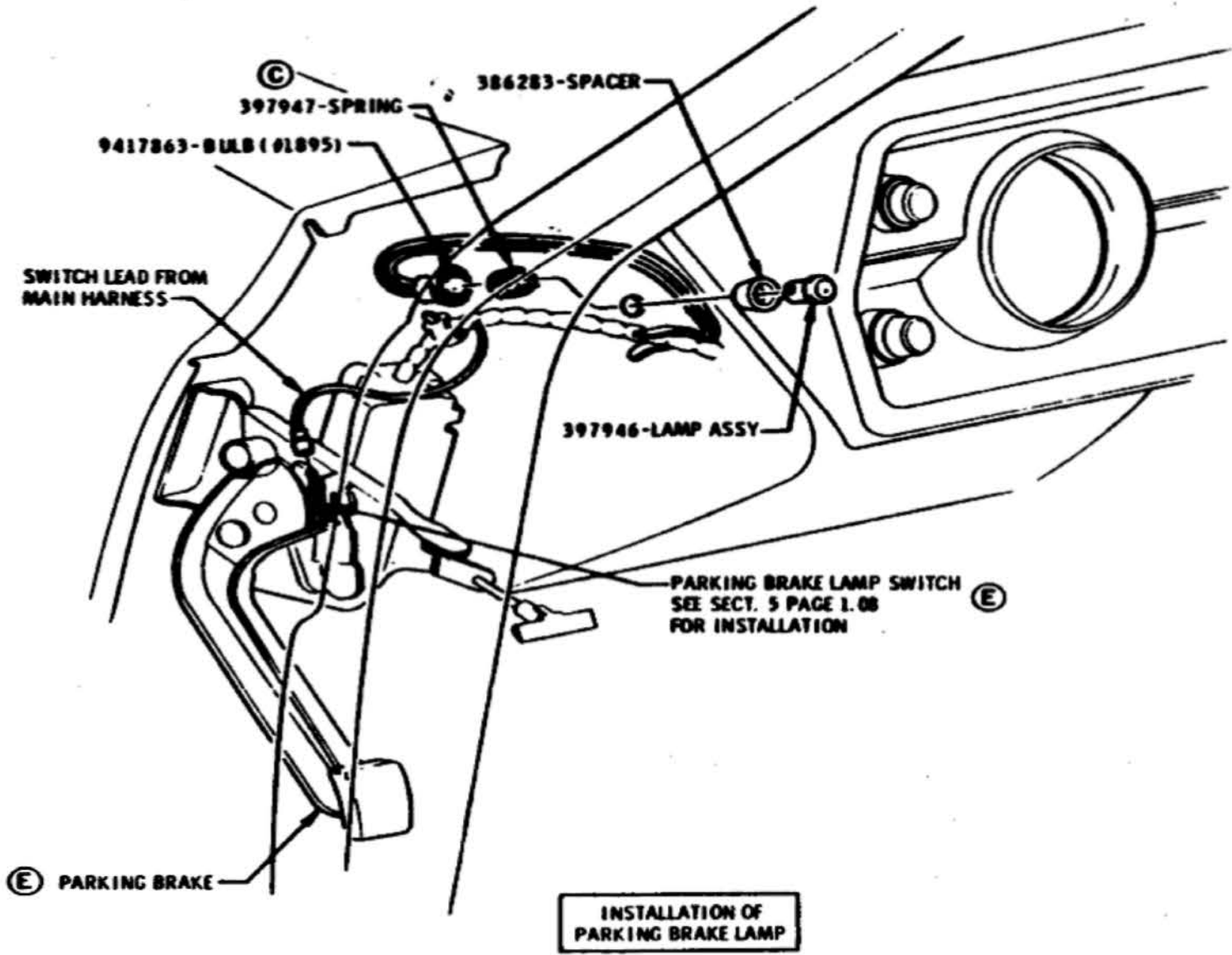


**INSTALLATION OF FLASHER ASSY
ALL CARS WITH MANUAL TRANSMISSIONS
AND
AUTOMATIC TRANSMISSIONS WITH 35U21**

										TITLE TRAFFIC HAZARD WARNING FLASHER				
										DATE NOV 22 1966	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
										DR. BY B. PARKER	1967		12	111
										CHECKED J. J. ...	APP. BY ...	SERIES	PART NO	
										1966 A TITLE REVISED			A	394435
DATE	SYM	REVISION	DR. CK.	DATE	SYM	REVISION	DR. CK.	DATE	SYM	REVISION	DR. CK.	APP.		



REVISION												TITLE							
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	APPV.	PART USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																1967		12	1.12
																1A2C		A	394435
DATE: FEB 2 1966 DR. BY: B. PARKER CHECKED: [Signature] APPV.: [Signature]												HEATER CONTROL WIRING PART USED: 1967 OLDSMOBILE PRODUCT INFORMATION MANUAL MANUAL SECTION: 12 PAGE: 1.12 REV: 1A2C SERIES: A PART NO: 394435							



DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.
9-16-66	E	NOTES REVISED			9-13-67					9-13-67					
9-16-66	D	VIEW REMOVED			9-13-67					9-13-67					
7-28-66	C	397947 SPRING HD ADDED			4-27					4-27					
7-28-66	B	NIB 396637 LAMP ASSY			4-27					4-27					
7-26-66	A	VIEW REVISED (PENDING)			4-27					4-27					

PARKING BRAKE LAMP										FIRST USED	OLDSMOBILE PRODUCT	MANUAL SECTION	PAGE
										1967	INFORMATION MANUAL	12	113
										REF	SERIES	PART NO	
											A	394435	

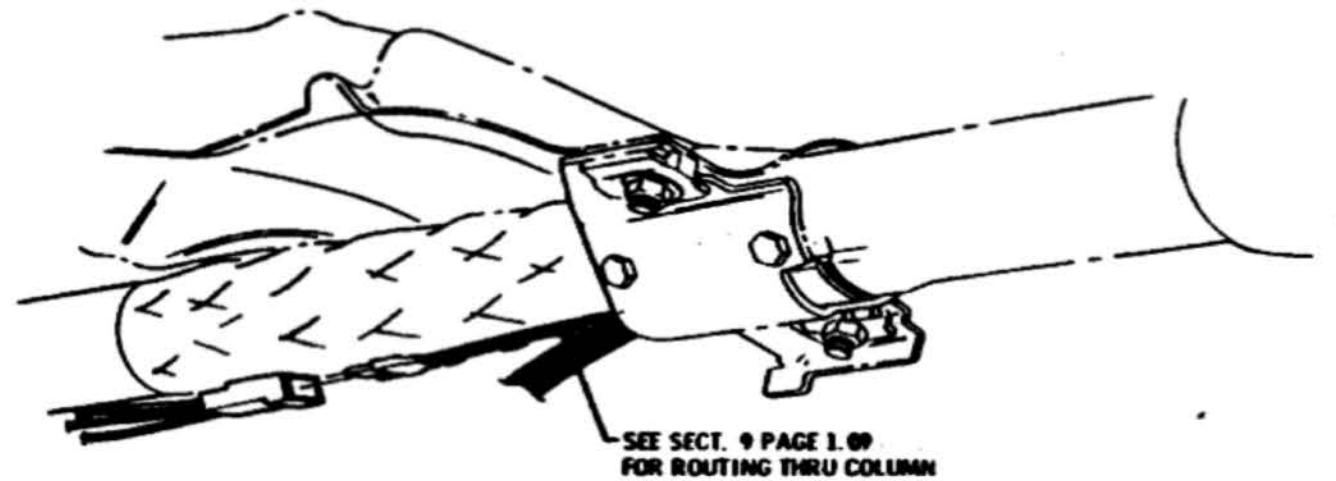
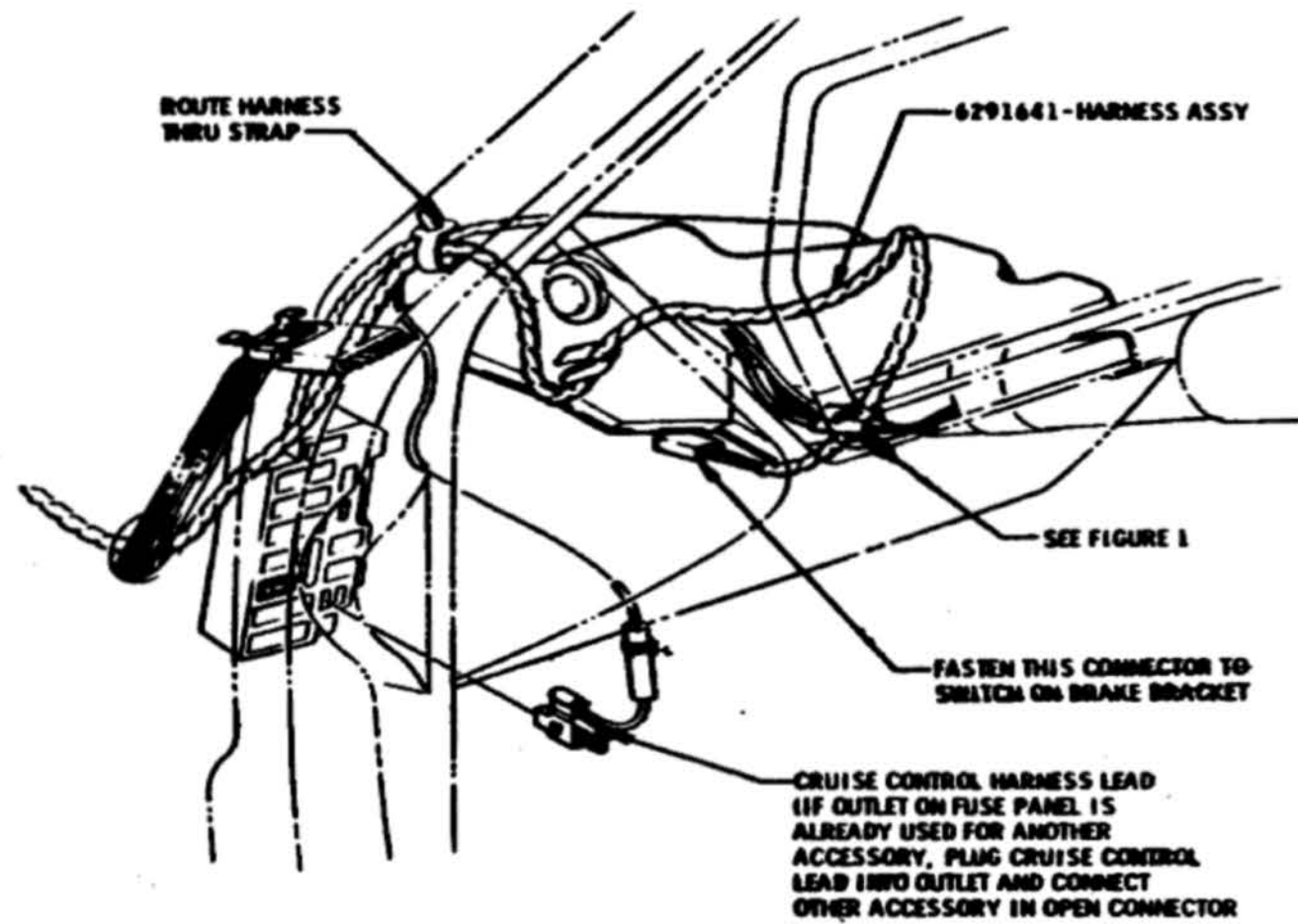
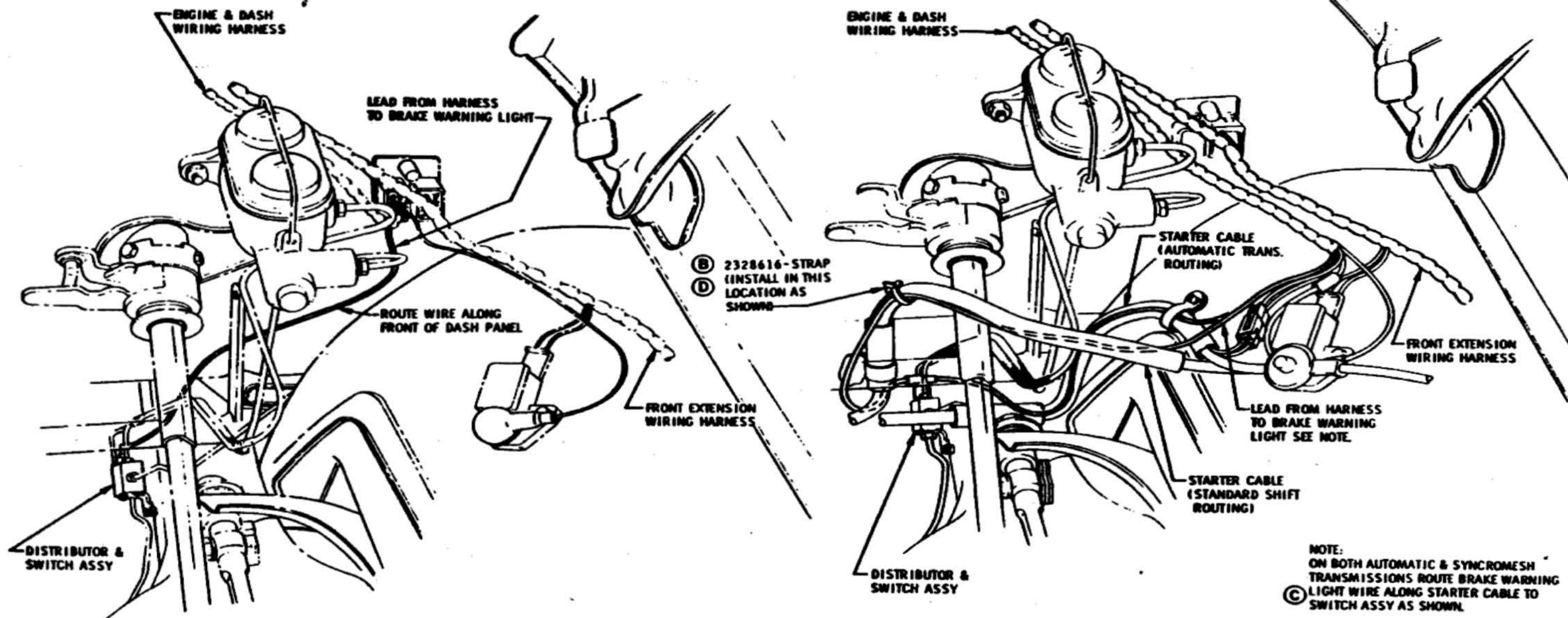


FIGURE 1

										TITLE AUTOMATIC THROTTLE CONTROL WIRING									
DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	APP.	PART USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																1967		12	1.15
																35K50		A	394435



INSTALLATION OF BRAKE WARNING LIGHT WIRE TO SWITCH ASSY (L6 ONLY)

INSTALLATION OF BRAKE WARNING LIGHT WIRE TO SWITCH ASSY (V8 ONLY)

DATE		SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	

TITLE		BRAKE LINE DISTRIBUTOR & SWITCH ASSY WIRING																
DATE	JUNE 04 1966	FIRST USED	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	12	PAGE	1.17										
BY	DR. BY C. V. T. M. T.	REV.	5F-12H	SERIES	A	PART NO.	394435											
APPROVED																		

6290296-HARNES ASSY (CODE FG)
ENGINE & DASH
(EXC. WITH 35U21)
6290616-HARNES ASSY (CODE FS)
ENGINE & DASH
(WITH 35U21 ONLY)

REGULATOR
ASSY

SEE SECT. 1-2 PAGE L 10
FOR GROMMET & SEALING

POWER FEED CABLE
NOTE: FASTENED BY FISHER FOR
POWER WINDOWS AND POWER SEATS.
FOR POWER TOP AND POWER TAILGATE
WINDOW ROUTE WIRE FROM RESPECTIVE
HARNES THROUGH ACCESSORY WIRING
GROMMET AND FASTEN TO CIRCUIT
BREAKER WITH EXISTING FASTENINGS.

120361-NUT
138479-WASHER

2987045-CABLE ASSY
(POWER CABLE ASSY)

POWER CABLE INSTALLATION
TO CIRCUIT BREAKER

SEE SECT. 1-5 PAGE 3.55 FOR
CLIP PART NUMBERS ON CARS
WITH 35K30

393691-CLIP
394365-CLIP (OPT)
395177-CLIP (OPT)
(EXC. CARS WITH
PLASTIC FILLER PLATES)
397869-CLIP
(CARS WITH PLASTIC
FILLER PLATES ONLY)

EXC. 35K30

REPAIR OF DAMAGED FUSIBLE-LINK

TO REPAIR A DAMAGED FUSIBLE LINK THERE ARE (2)
FUSE LINKS AVAILABLE FROM PACKARD ELECTRIC.
(16 GAGE) 86292178-BLACK EXC. RALLY PACK
(14 GAGE) 86292179-BROWN WITH RALLY PACK
WHEN REPLACING A FUSE-LINK USE SPLICE CLIP 8621240
(PACKARD ELECTRIC), SOLDER AND TAPE FOR SHORTING
AND CORROSION PROTECTION. CLIP MUST BE CRIMPED.
STAKE-ON REPAIR IS UNACCEPTABLE.

6290297-HARNES ASSY
FRONT EXTENSION
(CODE FO)

120382-L WASHER
115973-NUT

3818748-SPRING NUT
INSTALL OVER FIRST
TWO THREADS BEFORE
INSTALLING BOOT

CABLE ROUTING
SM & FS TRANSMISSION
ONLY

545249-CLIP
(EXC. CARS WITH
PLASTIC FILLER PLATES)
399569-CLIP
(CARS WITH PLASTIC
FILLER PLATES ONLY)
1338561-CLIP
(EXC. CARS WITH
PLASTIC FILLER PLATES)

EXC. 35T60

WITH 35T60

FOR STARTER CABLE PART NO.
SEE SECT. 6-1 PAGE L 25

FILLER PLATE &
DASH PANEL WIRING

(CLIPS USED ON AUTOMATIC
TRANSMISSION ONLY)

NO. 5 (TOP) BLACK
CIRCUIT BREAKER CABLE

NO. 4 (FROM BOTTOM) RED
ENGINE HARNES FEED

FUSEABLE
LINK

NO. 3 (FROM BOTTOM)
RED MAIN HARNES
FEED

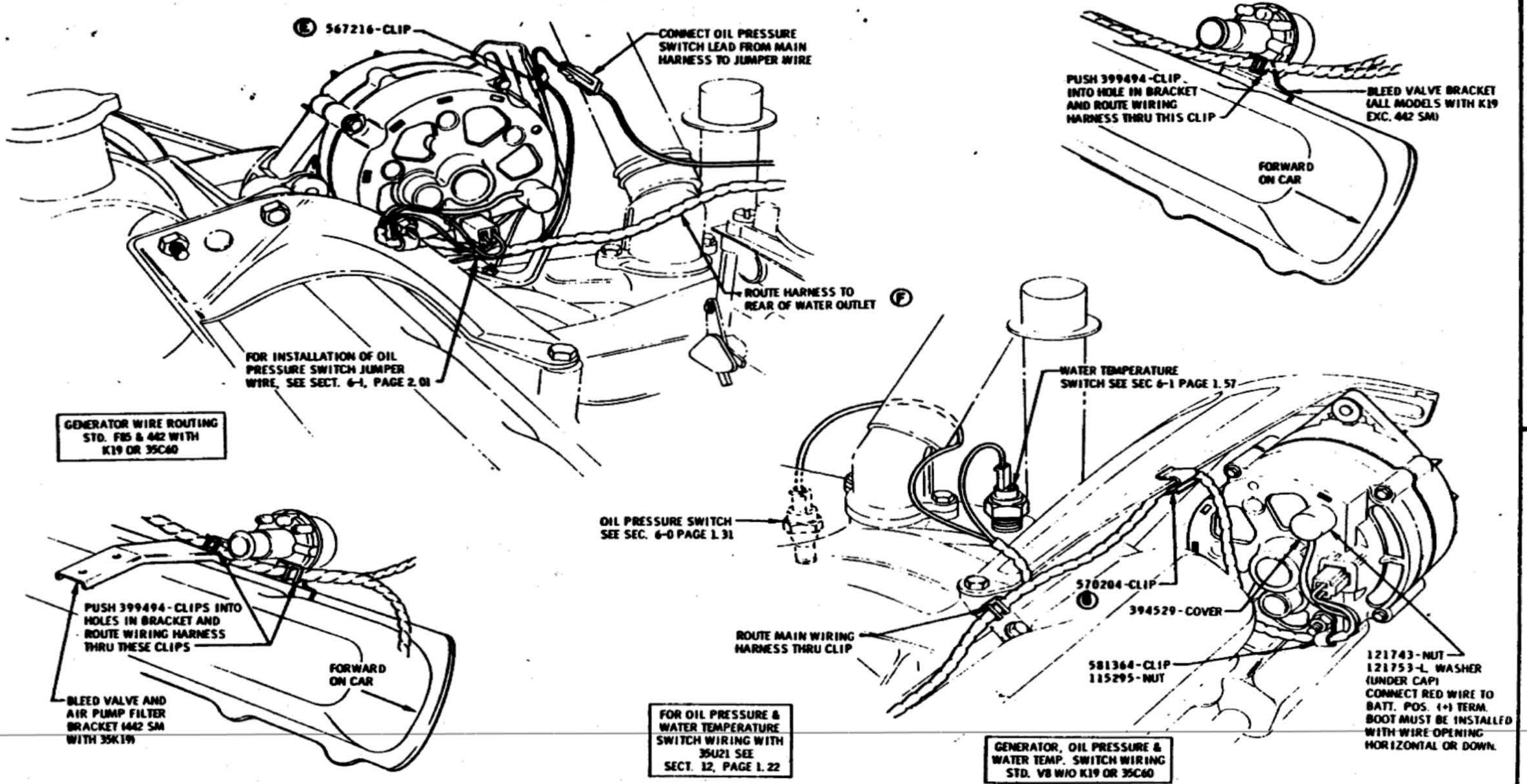
NO. 2 (FROM BOTTOM)
STARTER CABLE

JUNCTION BLOCK WIRING
SHOWN IN ORDER WHICH
TERMINALS ARE FASTENED

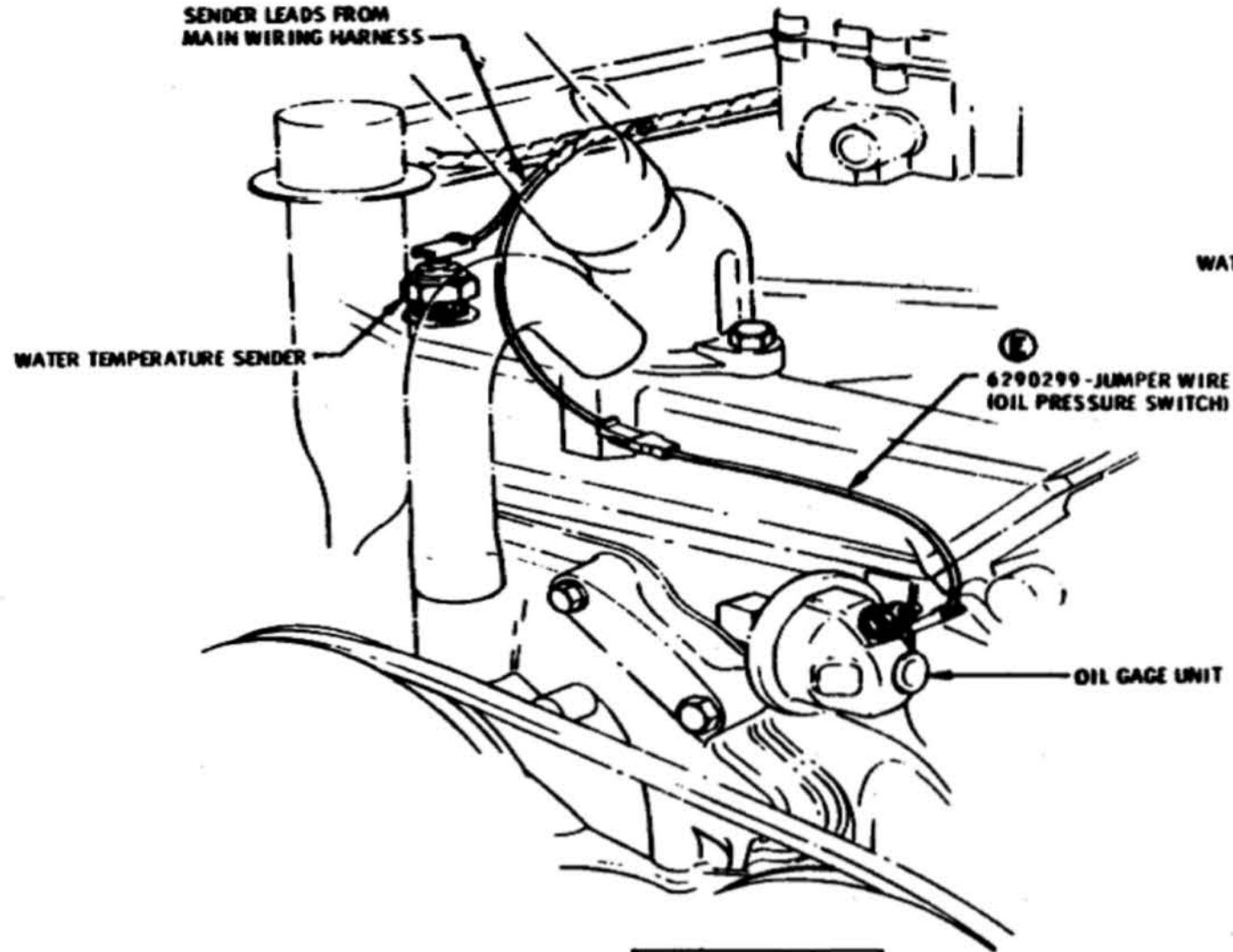
NO. 1 (BOTTOM)
BATTERY CABLE

60-120 LB. IN.

2-2-67 R	3818748-NUT ADDED	2-27-66 K	35003-NUTS REMOVED	2-27-66 E	NOTE ADDED	2-27-66	TITLE FILLER PLATE, DASH PANEL & JUNCTION BLOCK WIRING (V8)	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	12	1.18
1-2-67 P	CABLE NOS. REMOVED	2-27-66 J	CODES ADDED	2-27-66 D	WAS FUSIBLE LINK REMOVED	2-27-66	DATE FEB. 20, 1967				
8-27-66 M	PART NOS. ADDED	2-27-66 H	NOTE ADDED	2-27-66 C	HARNES ROUTING CHG	2-27-66	BY P. J. M. KESSY				
8-2-66 N	WAS 6290297-CABLE ASSY	2-27-66 G	WAS PT NO 6291896	2-27-66 B	TORQUE ADDED	2-27-66	CHG. 2-27-66				
12-11-66 L	1338561-CLIP ADDED	2-27-66 F	NOTE ADDED	2-27-66 A	WAS 2987045-CABLE ASSY	2-27-66	BY P. J. M. KESSY	12N 12A 6Y1 35U63 35U69	A		394435

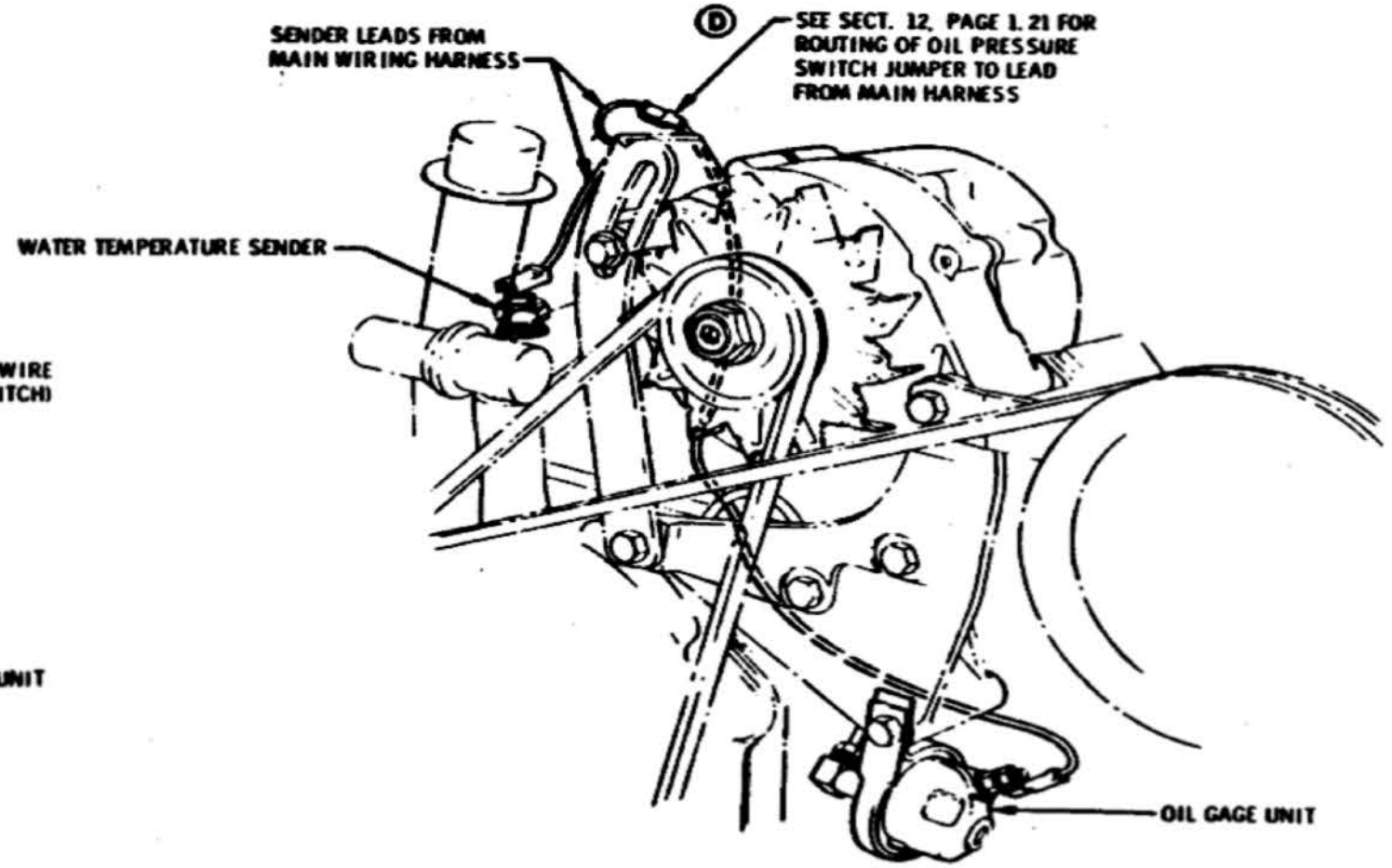


										DATE		TITLE		1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE		
										1-6-67		E 567216 - CLIP ADDED						12		121		
										12-12-66		D CLIPS ADDED										
										12-12-66		C 35U21 INFO REMOVED										
										3-2-67		E W/S 393028-CLIP										
										1-6-67		F NOTE ADDED										
												VIEW ADDED										
DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	DATE	BY	REVISION	DR	CK	DATE	BY	REVISION



WIRE ROUTING TO OIL GAGE UNIT AND WATER TEMPERATURE SENDER WITHOUT 35K19 AND/OR 35C60

©



WIRE ROUTING TO OIL GAGE UNIT AND WATER TEMPERATURE SENDER WITH 35K19 AND/OR 35C60

©

REFER TO SECT. 6-1 PAGE 3.90 FOR INSTALLING WATER TEMPERATURE SENDER AND OIL GAGE UNIT

©

				E-1861 E 6290299 - JUMPER ADDED		C-1 D1		TITLE		OIL PRESS. & WATER TEMP. SWITCH WIRING-35U21					
				E-1867 D NOTE ADDED		C-1 D1		DATE		APR. 1, 1966		FIRST USED		1967	
				E-2866 C TITLES REVISED		C-1 D1		DR BY		E. KESTER		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION	
				E-2874 B 35N22 INFO REMOVED		C-1 D1		CHECKED				SERIES		12	
				E-2956 A 35K19 OIL PRESSURE TRANSDUCER		C-1 D1		APPR				PART NO.		394435	
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.

1980032-BATTERY ASSY
MINIMUM SPECIFIC GRAVITY
WHEN CAR IS SHIPPED
1.290 AT 80°F (NOV. THRU MAR.)
1.280 AT 80°F (APR. THRU OCT.)

9417954-NUT ²
9418268-WASHER
580517-RETAINER
589449-BOLT

384186-WASHER
(INSTALL UNDER
TERMINAL)

6289129-CABLE ASSY (CODE GV) [ⓐ]
(POSITIVE)

6286177-CABLE ASSY
(GROUND) (CODE GT)

9420415-SCREW

INSTALLATION OF BATTERY
& BATTERY CABLES

FASTEN TO LOWER
HOLE ON ENGINE

120382-L WASHER

122104-BOLT

BATTERY GROUND CABLE

LOCATION OF BATTERY
GROUND CABLE TO ENGINE EXCEPT C60

OIL PRESSURE
SWITCH LEAD

BATTERY FEED WIRE
TO JUNCTION BLOCK

PURPLE LEAD
SOLENOID
(1" TERMINAL)

YELLOW LEAD
IGN. BY PASS
(1" TERMINAL)

RED LEADS
(BATTERY TERMINAL)

¹ 115573-NUT
120382-L WASHER

115295-NUT
120217-L WASHER

MAIN WIRING HARNESS

ROUTE HARNESS THROUGH
CLIPS WELDED TO VALVE COVER

COIL LEAD

FOR SPARK PLUG
CABLE ROUTING
SEE SECTION 6-2
PAGE 1.44

120622-NUT
120217-L WASHER

589464-CLIP

[ⓐ]

INSTALLATION OF MAIN WIRING
HARNESS TO ENGINE

FASTEN IN THIS
LOCATION ON COMPRESSOR

BATTERY GROUND CABLE

A/C COMPRESSOR

9418929-BOLT

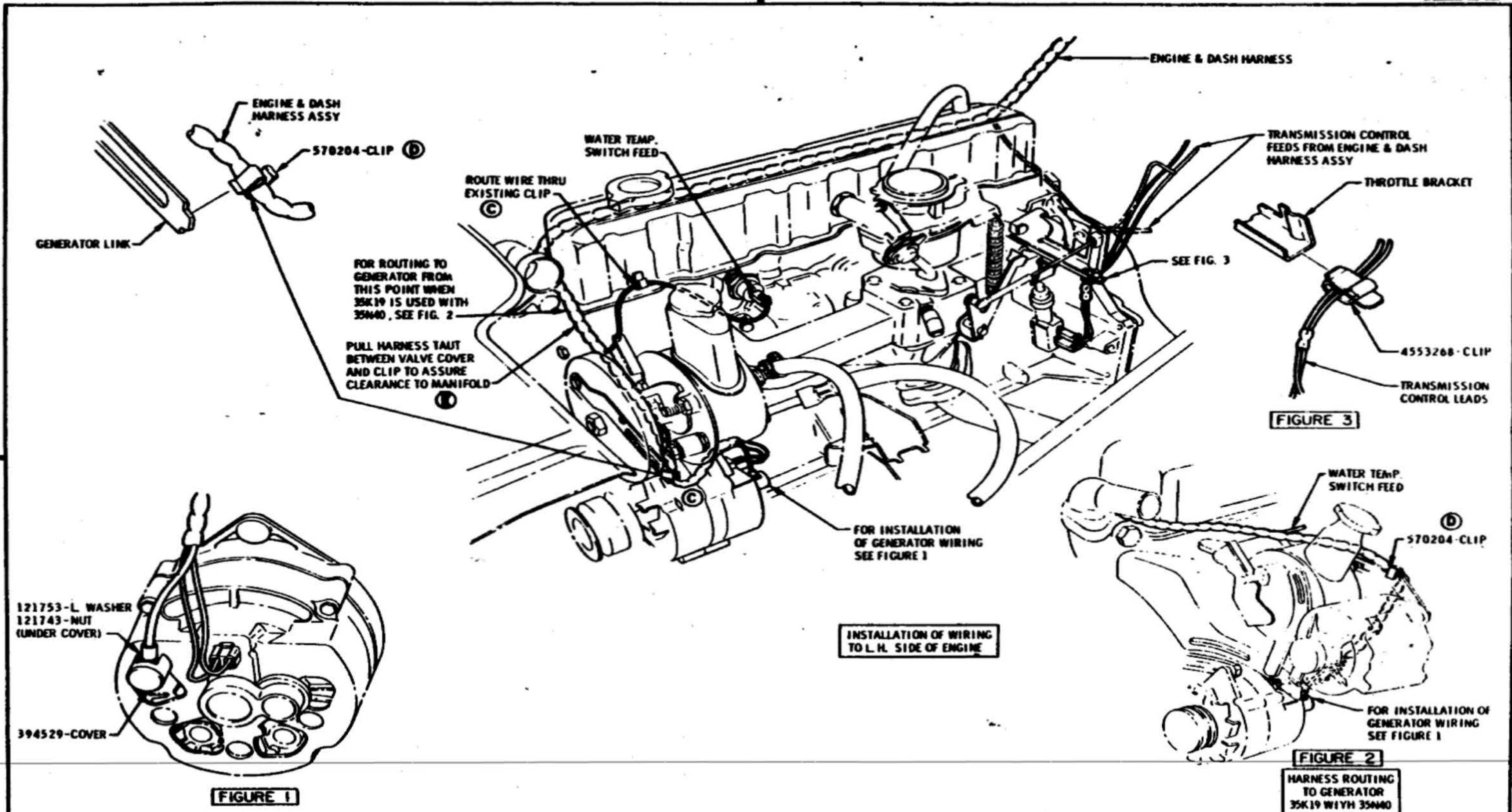
103320-L WASHER

LOCATION OF BATTERY
GROUND CABLE TO ENGINE WITH C60

² 15-22 LB. FT.

¹ 96-144 LB. IN.

DATE		SYM		REVISION		DR		CHK		DATE		SYM		REVISION		DR		CHK		DATE		SYM		REVISION			
<p>2. TITLE BATTERY CABLE & ENGINE WIRING - L6</p> <p>3. DATE MAR. 8, 1966</p> <p>4. DR BY KESTER</p> <p>5. CHECKED [Signature]</p> <p>6. BY [Signature]</p> <p>7. APPROVED [Signature]</p> <p>8. DATE 18 A 12 H</p> <p>9. SERIES A</p> <p>10. PART NO. 394435</p>																											



DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	TITLE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
					8-9-66	E	NOTE ADDED									ENGINE WIRING - L6	1967		12	1.25
					8-9-66	D	WAS 393028-CLIP													
					1-20-67	C	WIRE ROUTING REVISED													
					7-5-66	B	REVISED PREDRAWING													
					8-18-66	A	WAS 415780-CLIP													
																	72J 01	A		394435

PUSH ON RETAINER (IN WIRING HARNESS) TO BE FASTENED FROM UNDER SIDE OF FENDER IN THIS LOCATION AS SHOWN

(A) HORN WIRE ROUTING ON L6 MODELS

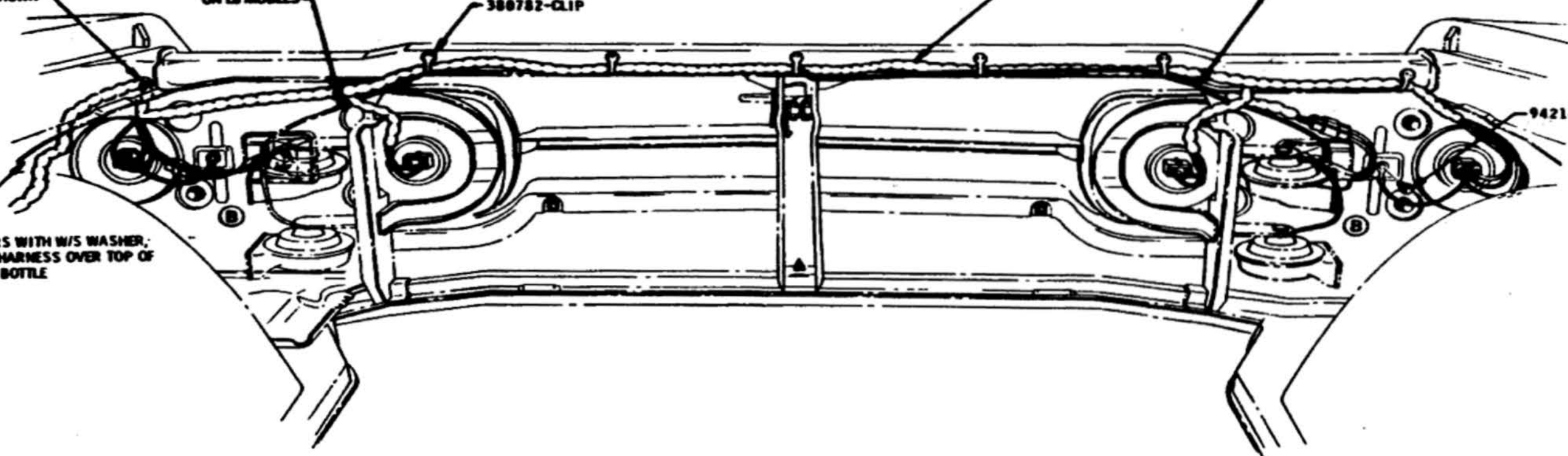
380782-CLIP

HARNESS-FRONT EXTENSION

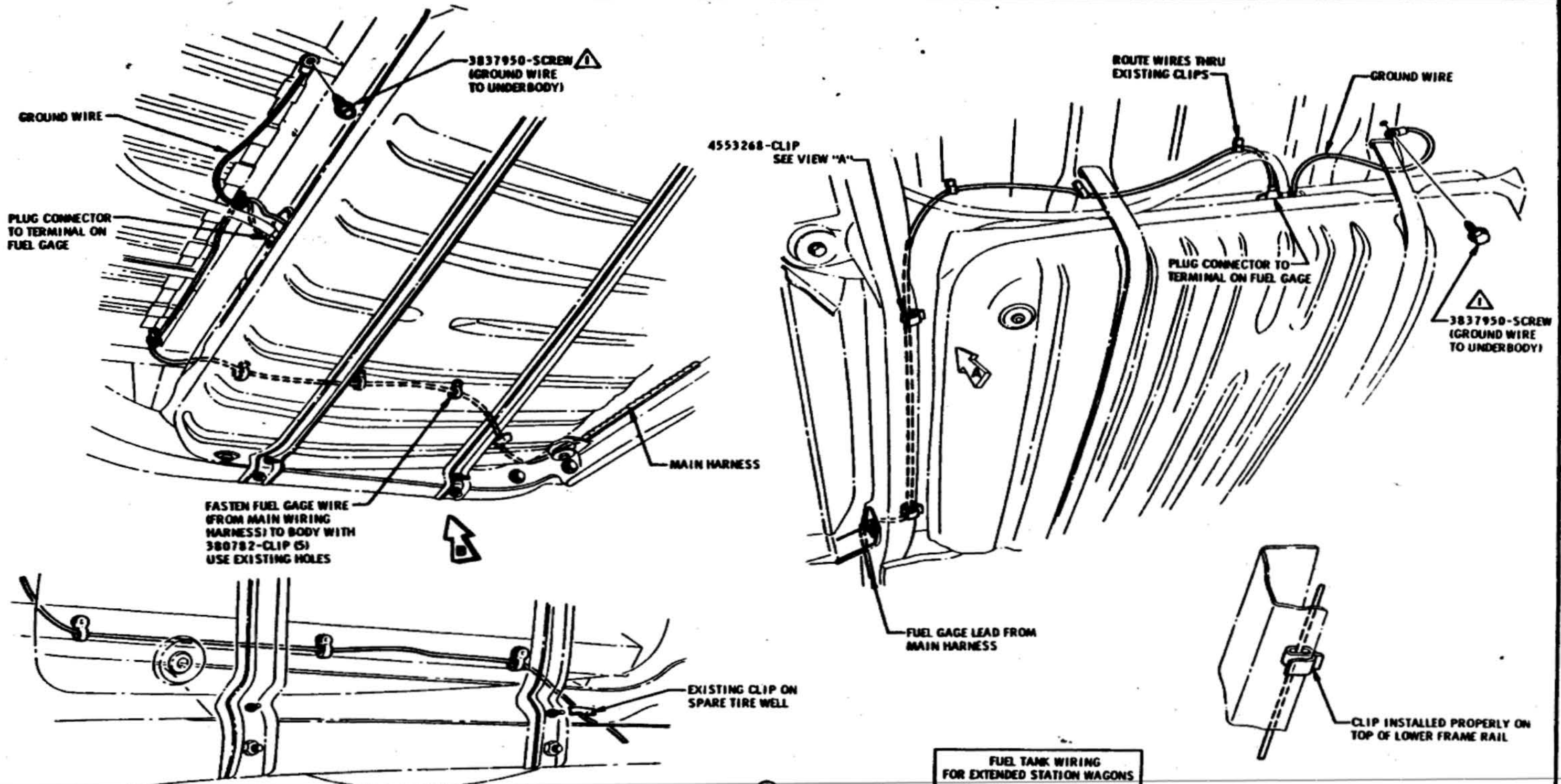
HORN WIRE ROUTING ON V8 MODELS (A)

9421485-SCREW

ON CARS WITH W/S WASHER, ROUTE HARNESS OVER TOP OF WATER BOTTLE



										TITLE		HEADLAMP, TURN SIGNAL & HORN WIRING		
										DATE		FEB. 23, 1966		
										DR. BY		R. J. HOFFESY		
										CHECKED		J. H. [Signature]		
										APPROVED		[Signature]		
										PART YEAR		1967		
										OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		
												12		
										PAGE		1.27		
										SERIES		A		
										PART NO.		394435		
DATE	BY	REVISION	DR. CL.	DATE	BY	REVISION	DR. CL.	DATE	BY	REVISION	DR. CL.	DATE	BY	REVISION



FUEL TANK WIRING FOR STANDARD STATION WAGONS

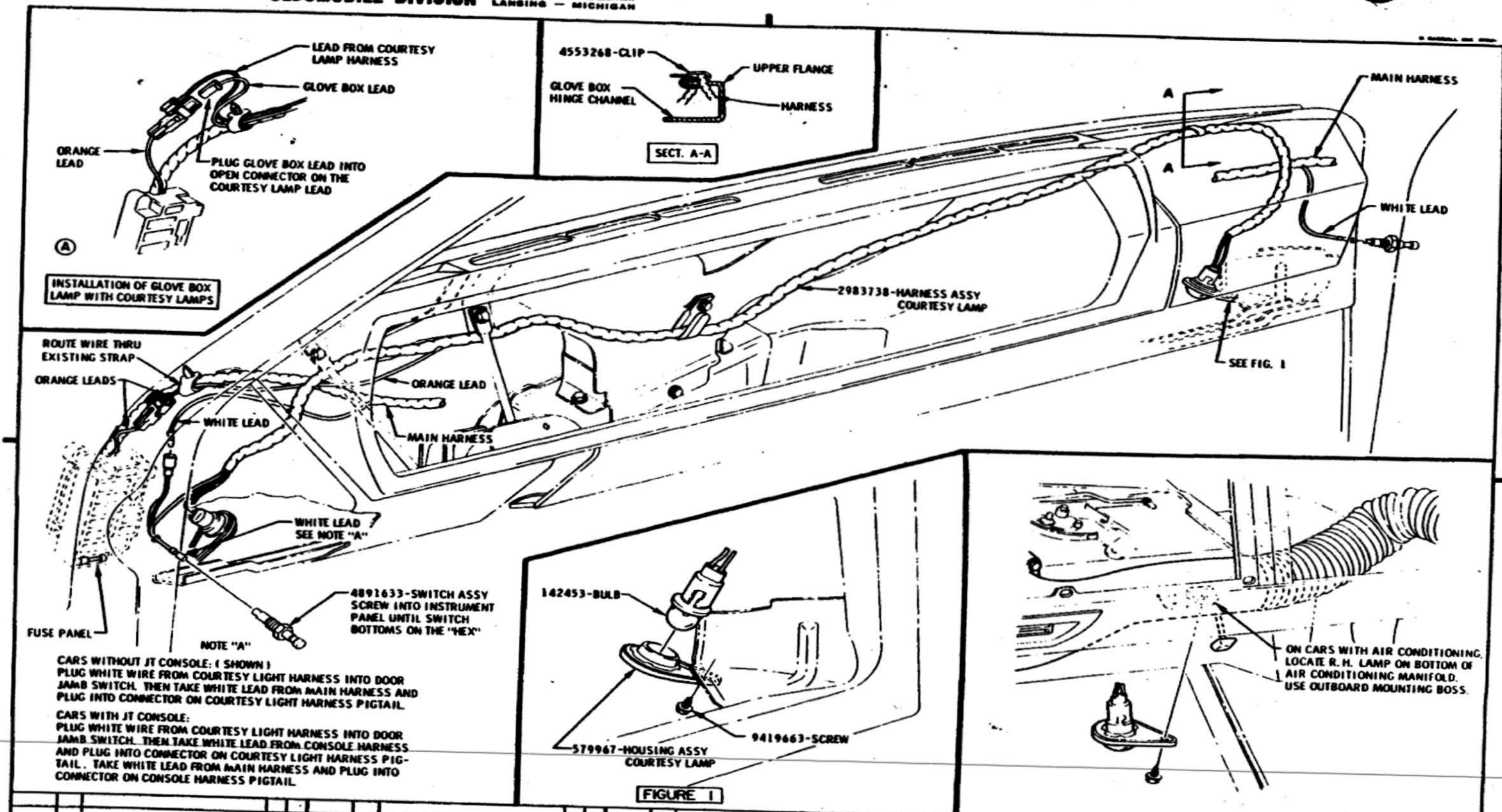
VIEW B

FUEL TANK WIRING FOR EXTENDED STATION WAGONS

VIEW A

ⓐ 20 - 25 LB. IN.

TITLE FUEL TANK WIRING - STATION WAGON											
DATE NOV. 8, 1966				FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 12		PAGE 1.29	
DR BY KESTER				CHECKED AS		SERIES A		PART NO 394435		REV. 123	
12/16 A TORQUE ADDED DATE SYM REVISION DR CK DATE SYM REVISION DR CK DATE SYM REVISION DR CK DATE SYM REVISION											



CARS WITHOUT JT CONSOLE: (SHOWN)
 PLUG WHITE WIRE FROM COURTESY LIGHT HARNESS INTO DOOR JAMB SWITCH. THEN TAKE WHITE LEAD FROM MAIN HARNESS AND PLUG INTO CONNECTOR ON COURTESY LIGHT HARNESS PIGTAIL.

CARS WITH JT CONSOLE:
 PLUG WHITE WIRE FROM COURTESY LIGHT HARNESS INTO DOOR JAMB SWITCH. THEN TAKE WHITE LEAD FROM CONSOLE HARNESS AND PLUG INTO CONNECTOR ON COURTESY LIGHT HARNESS PIGTAIL. TAKE WHITE LEAD FROM MAIN HARNESS AND PLUG INTO CONNECTOR ON CONSOLE HARNESS PIGTAIL.

DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION

TITLE		COURTESY LAMPS	
DATE	<i>FEB 23 1966</i>	FIRST USED	1967
DR. BY	<i>RJ ANTONY</i>	OLDSMOBILE PRODUCT	INFORMATION MANUAL
CHECKED	<i>JSM</i>	MANUAL SECTION	12
DR. CK. APPR.		PAGE	1.30
		REV. NO.	12L
		SERIES	A
		PART NO.	394435
			35429

7-66 A VIEW ADDED

PULL OUT GLOVE BOX LEAD CONNECTOR FROM ORANGE LEAD ON MAIN HARNESS & PLUG IN "H" CONNECTOR ON COURTESY LAMP LEAD



INSTALLATION OF COURTESY LAMPS WITH GLOVE BOX LAMP

ROUTE WIRE THRU EXISTING STRAP
 ORANGE LEADS

ROUTE LAMP WIRE THRU CLIP AS SHOWN

4553268-CLIP
 PLACE CLIPS APPROX. 1" FROM EACH SIDE OF GLOVE BOX. SEE FIGURE 1.

1" APPROX.

SEE SECTION 1-3 PAGE 1.07 FOR LAMP AND SWITCH INSTALLATION

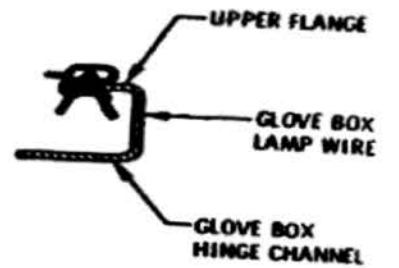
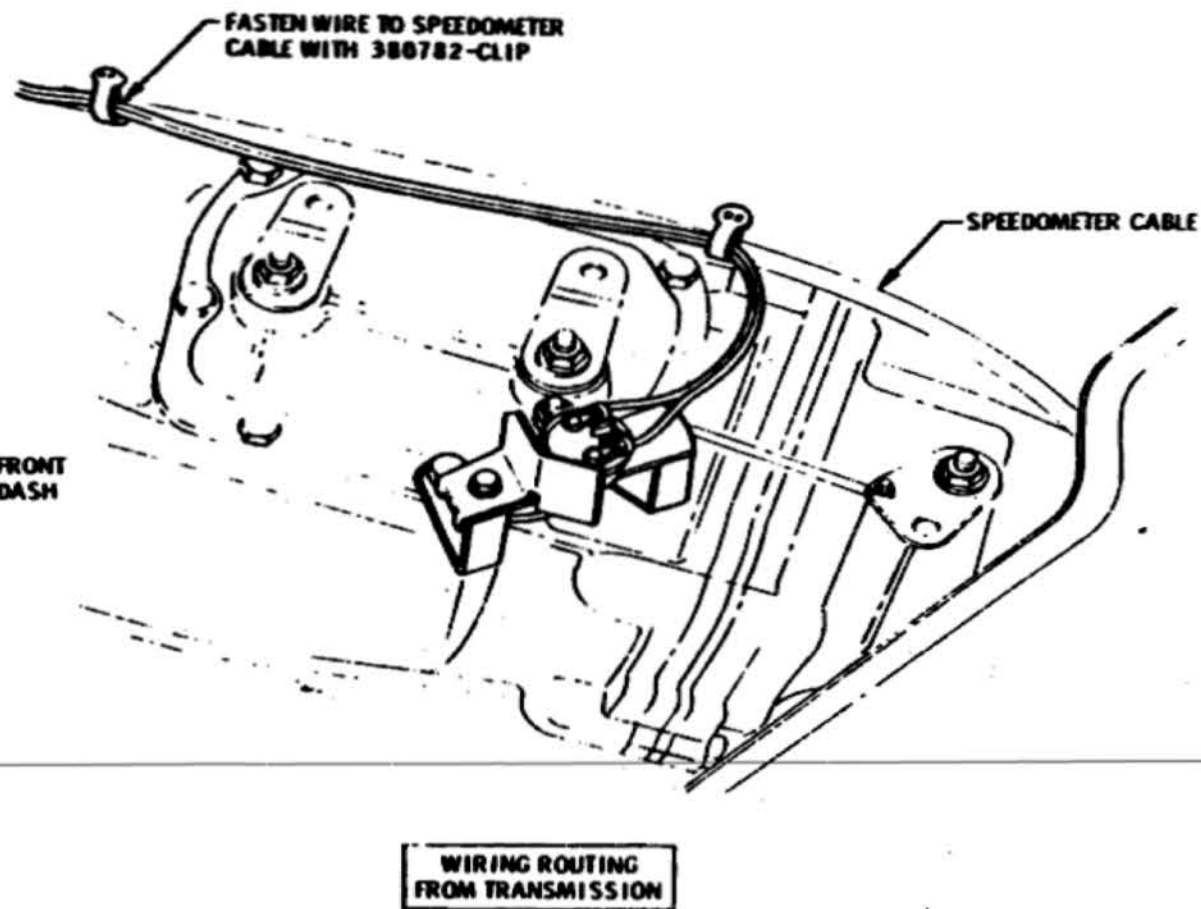
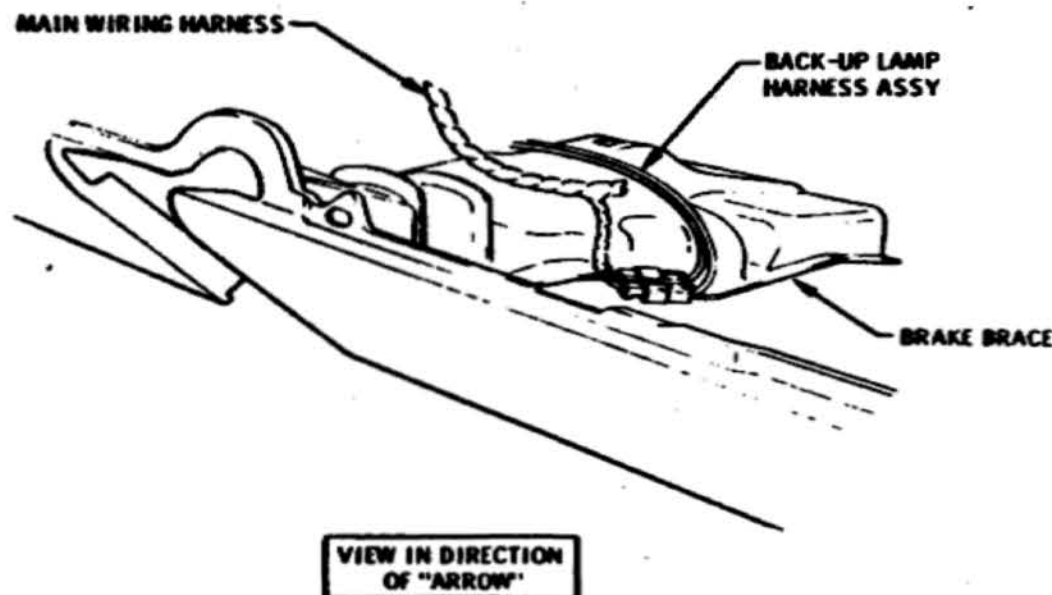
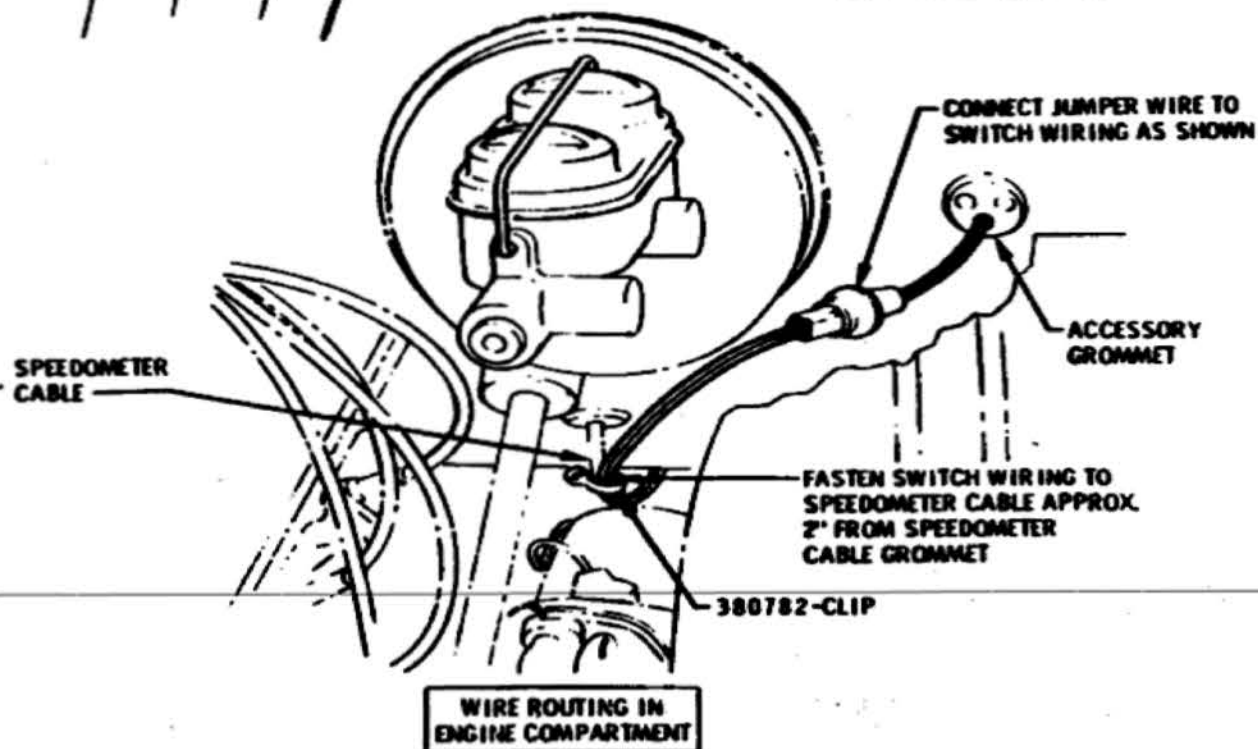
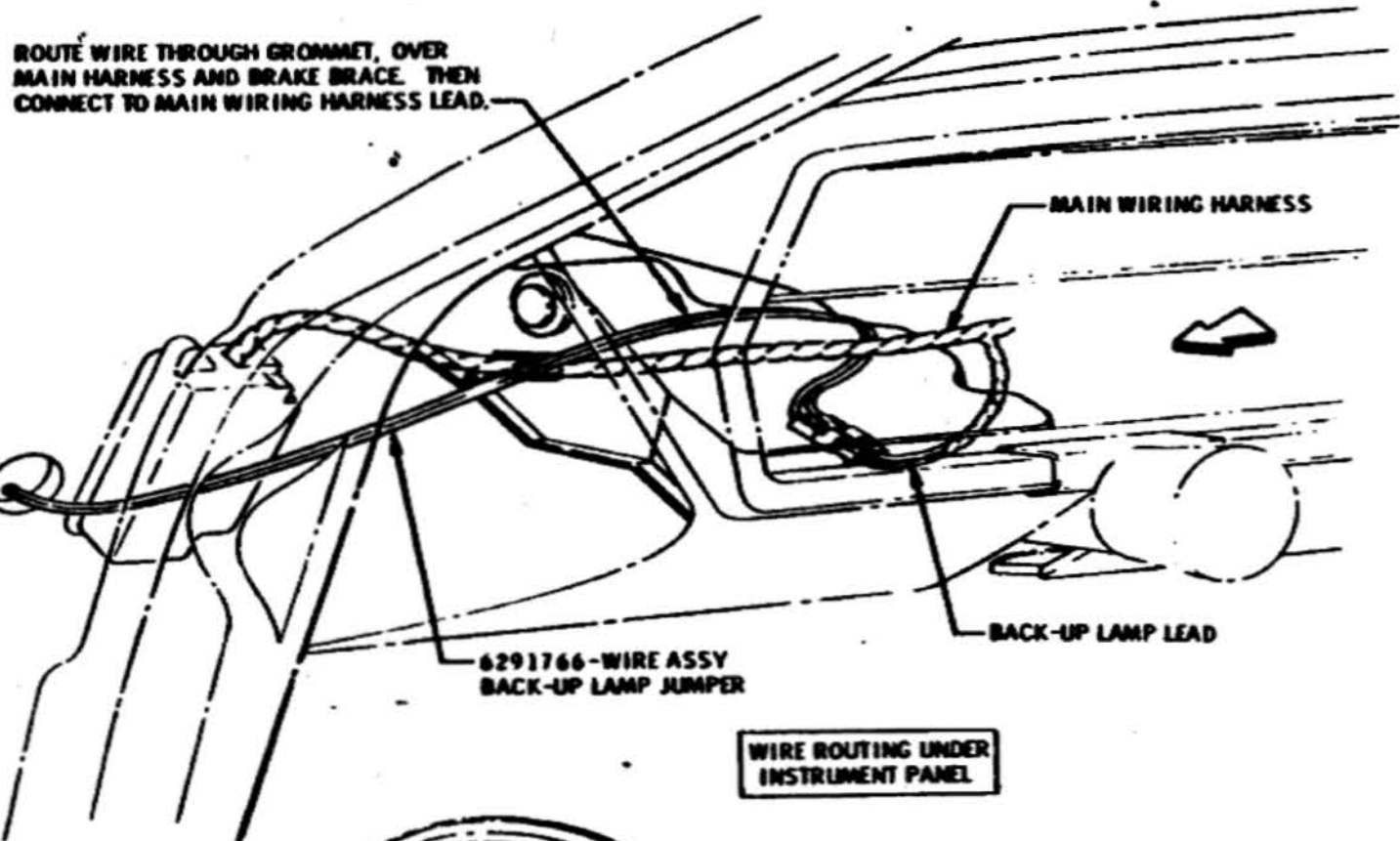


FIGURE 1

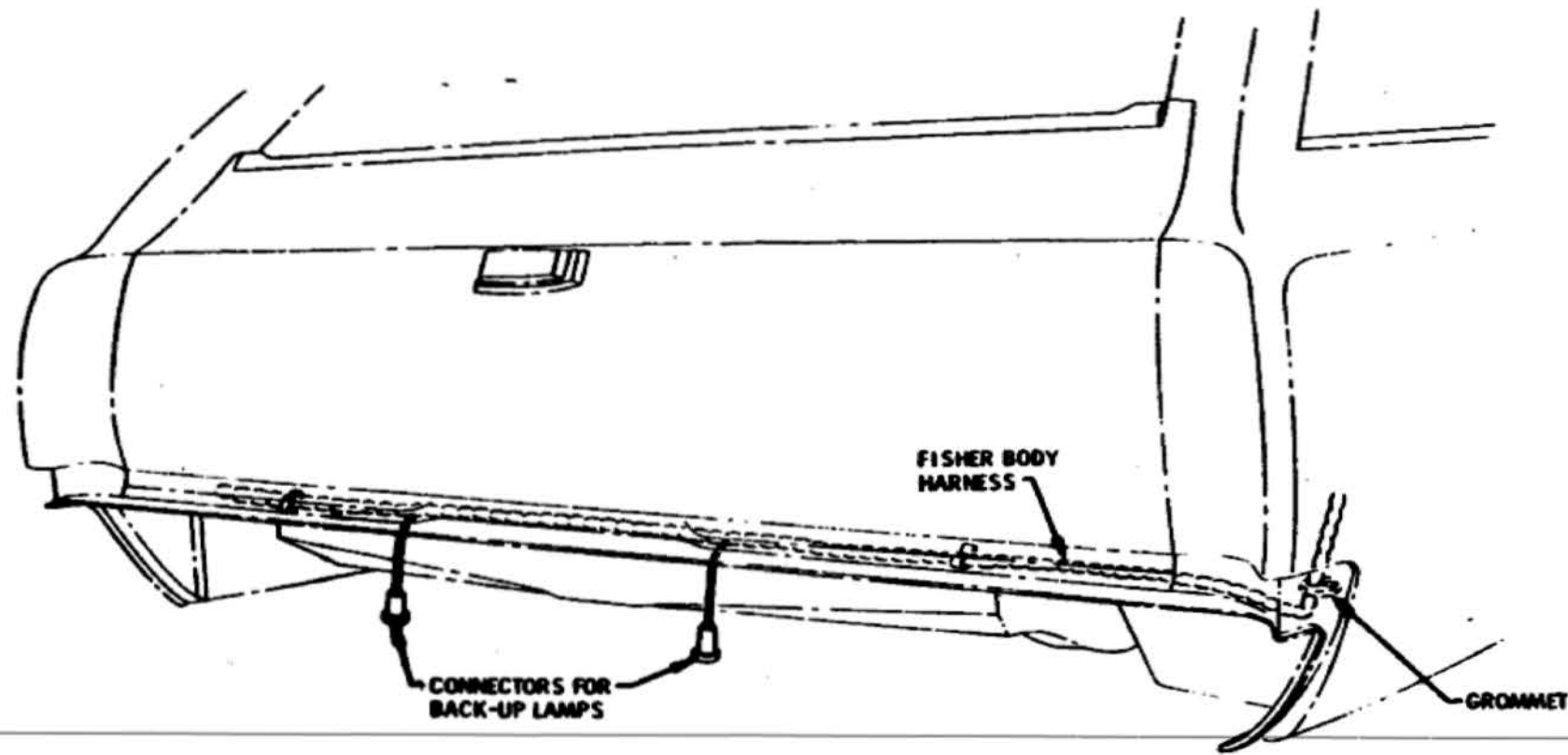
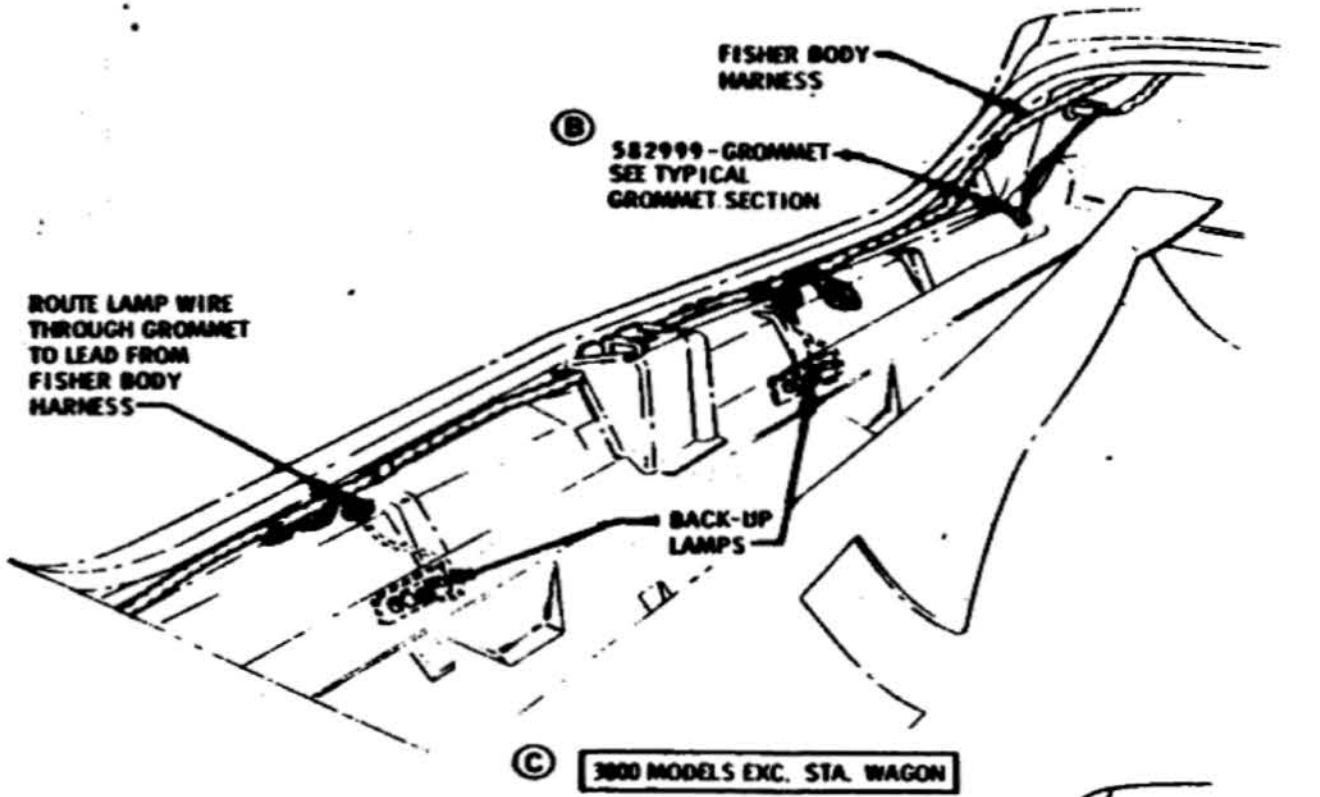
REVISION										TITLE									
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE
																1967		12	1.31
																35160	A		394435



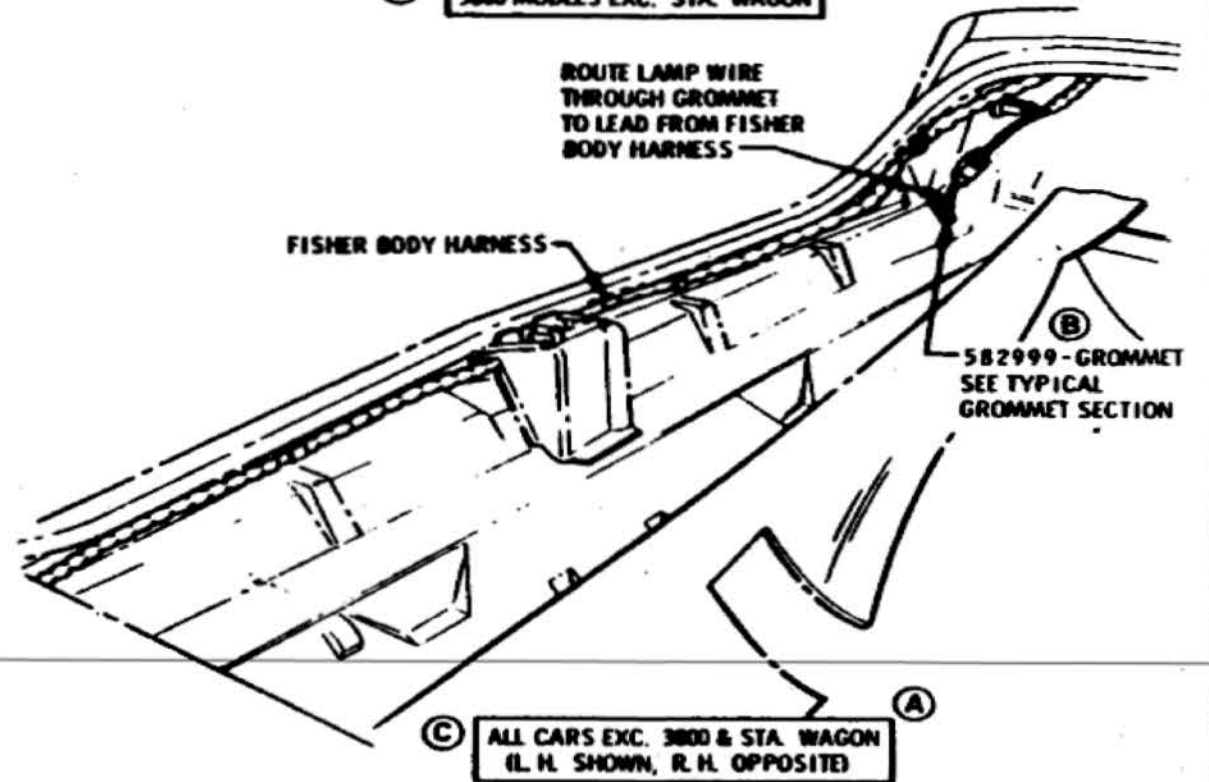
TITLE										M20 & M21 BACK UP LAMP WIRING													
DATE	SYN	REVISION	CHK	DATE	SYN	REVISION	CHK	DATE	SYN	REVISION	CHK	DATE	SYN	REVISION	CHK	DATE	SYN	REVISION	CHK				
											DATE	APR 15 1966		FIRST USED		1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE	
											CHECKED							12		1.32			
											APPR							SERIES		PART NO.			
																		A		394435			



**TYPICAL GROMMET
INSTALLATION**

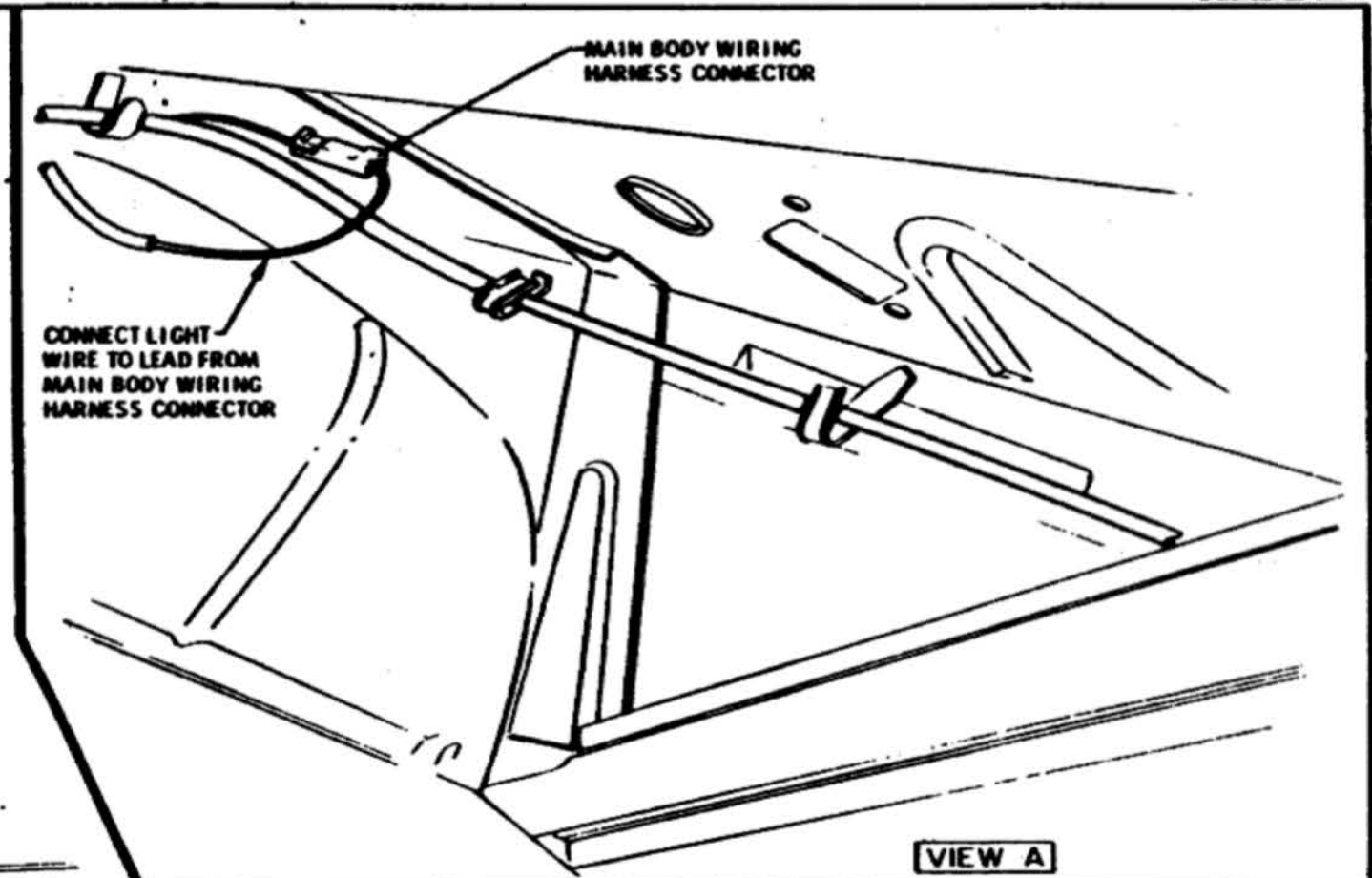
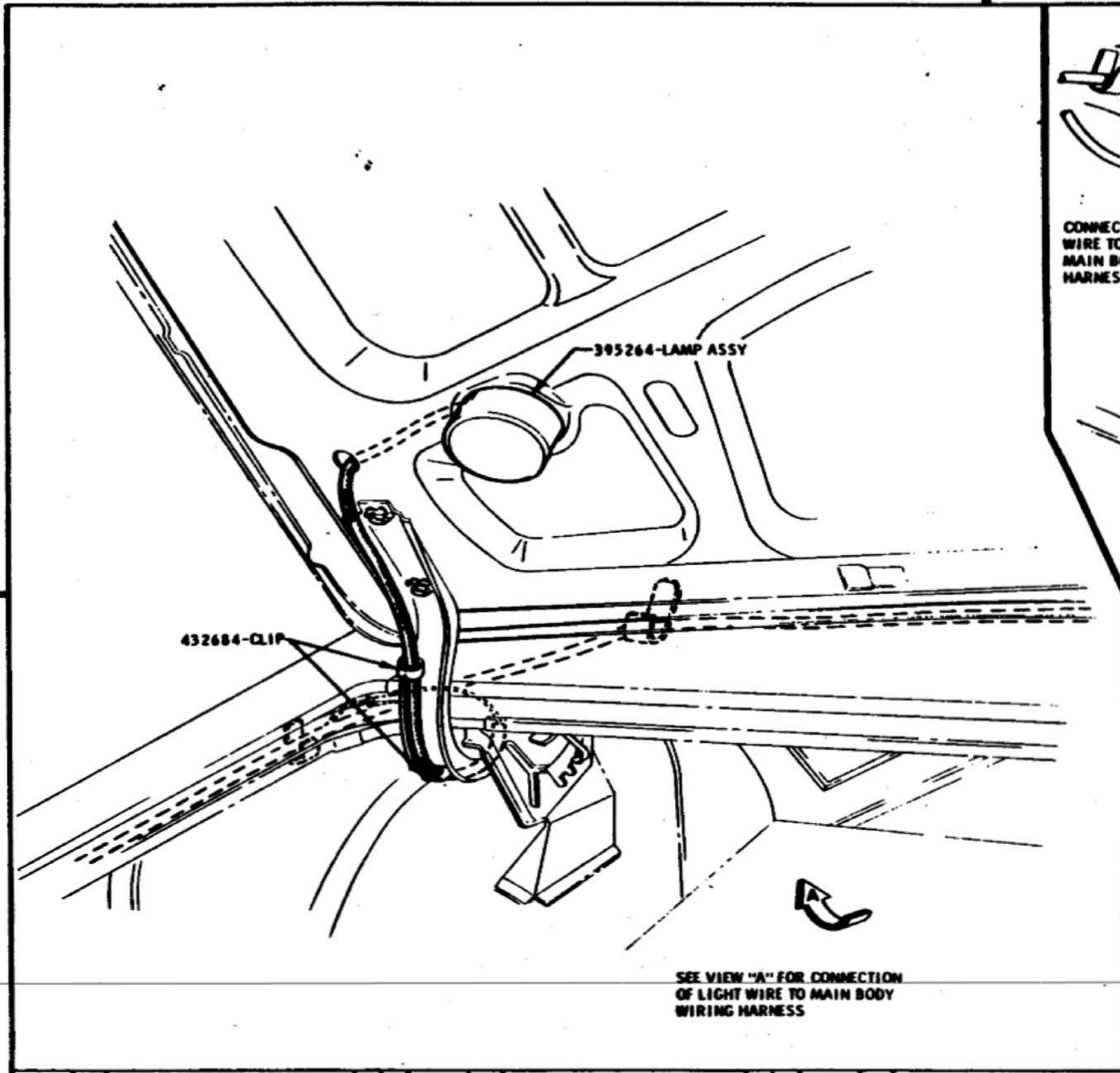


STATION WAGON ONLY

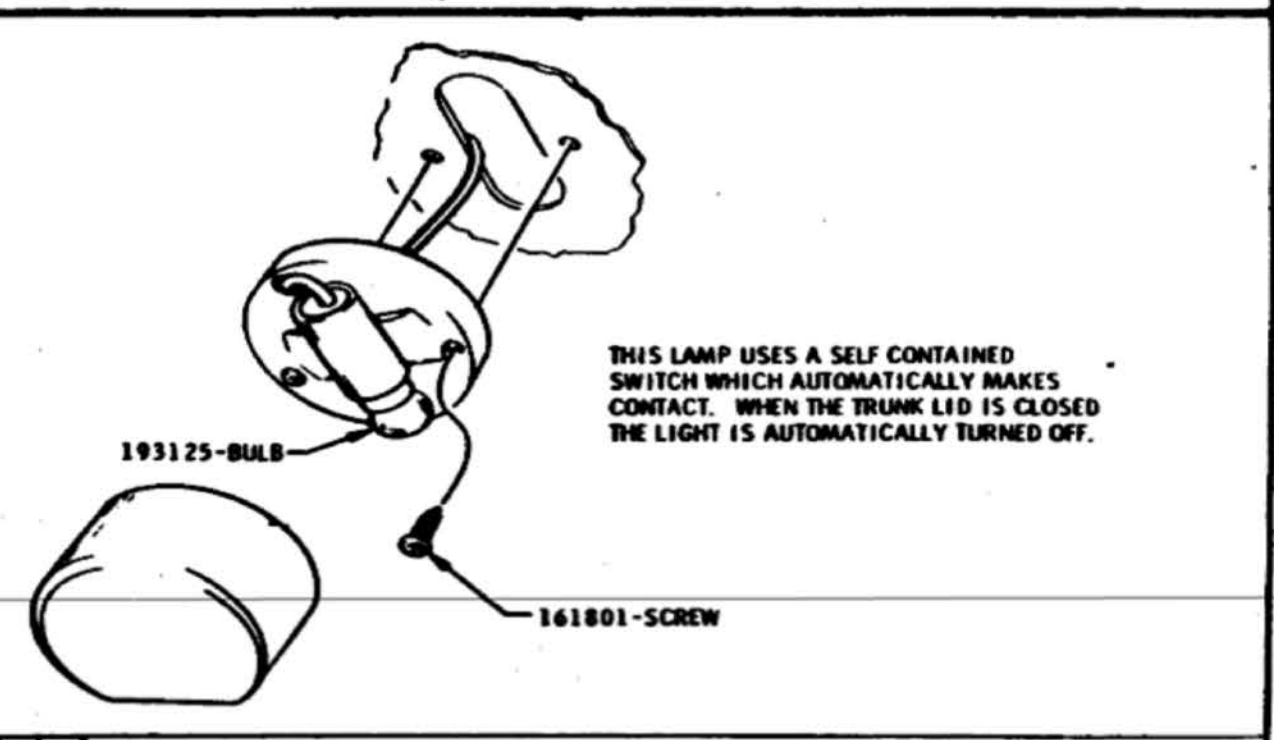


DATE	BY	REVISION	DR.	CHK.	DATE	BY	REVISION	DR.	CHK.	DATE	BY	REVISION	DR.	CHK.	APPR.	TITLE	PART NO.	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	
8-1-66	C	VIEWS REVISED														BACK-UP LAMP WIRING HOOK-UP	1967		12	1.34	
8-3-66	B	PART NO ADDED																			
7-16-66	A	VIEW ADDED																			
																REF.	128	SERIES	A	PART NO.	394435

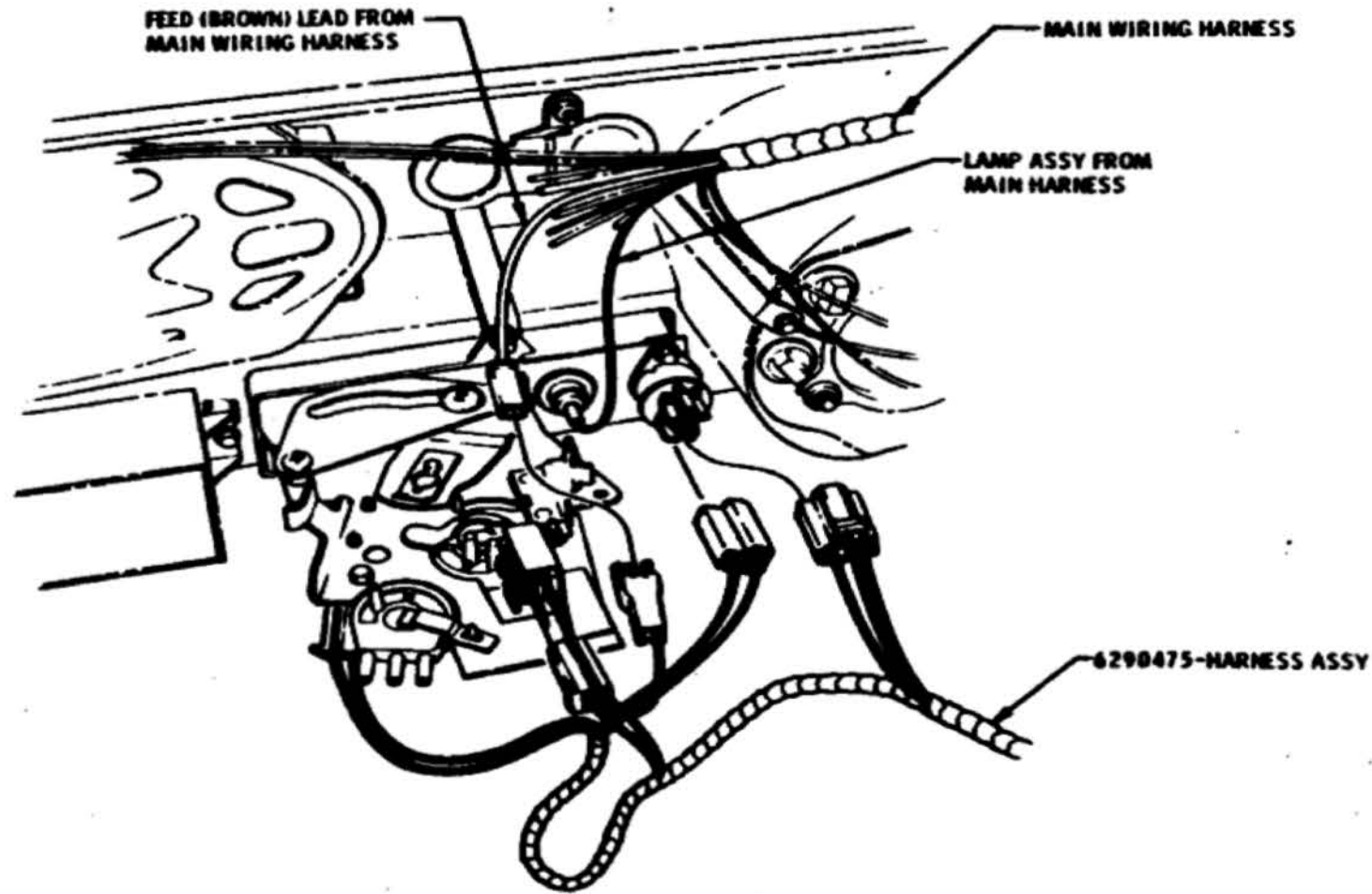
G. M. 394435



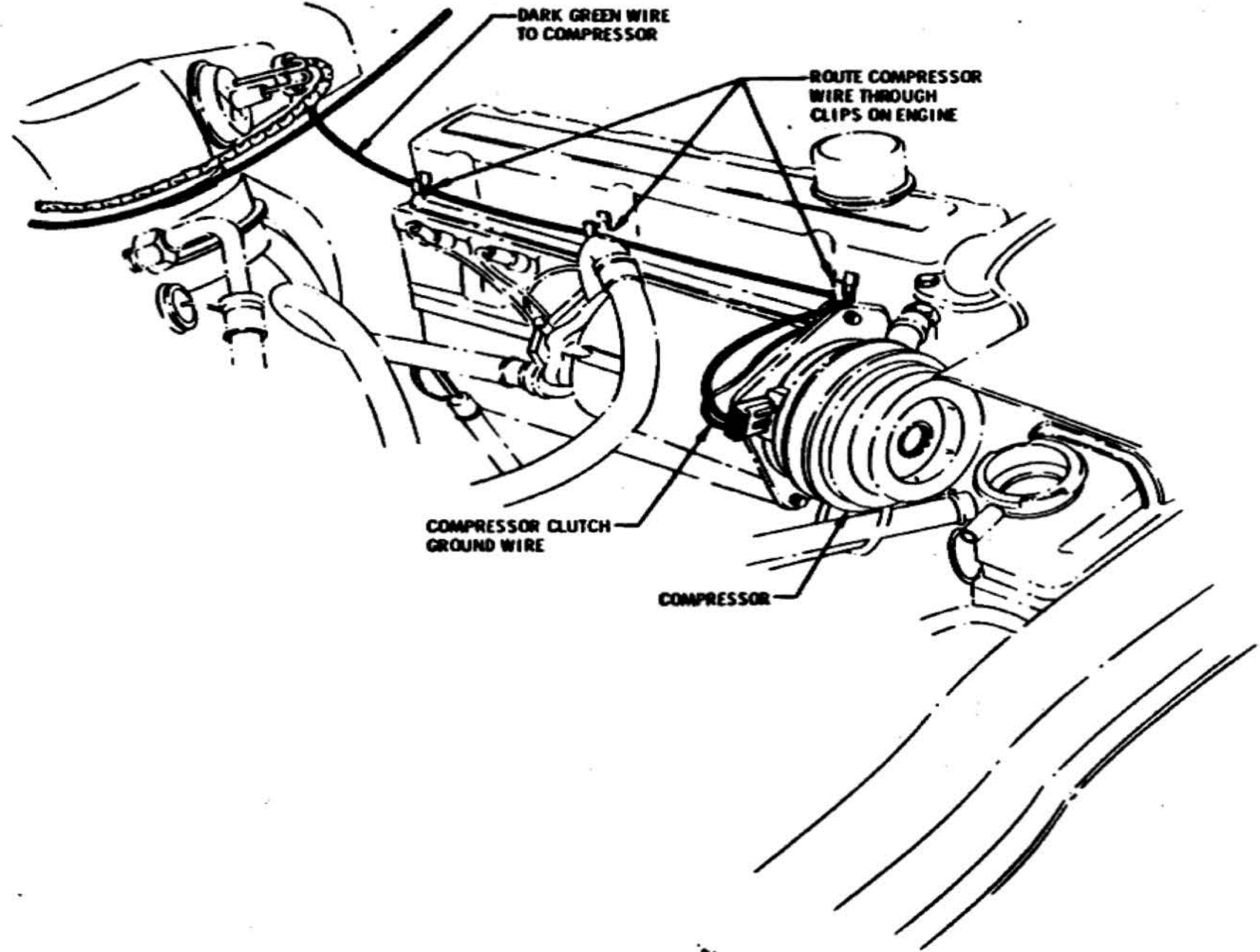
SEE VIEW "A" FOR CONNECTION OF LIGHT WIRE TO MAIN BODY WIRING HARNESS



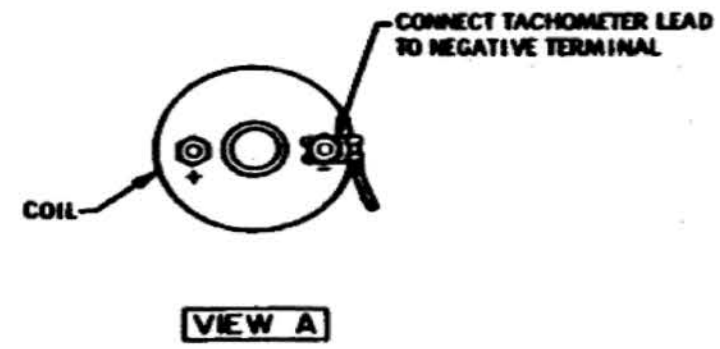
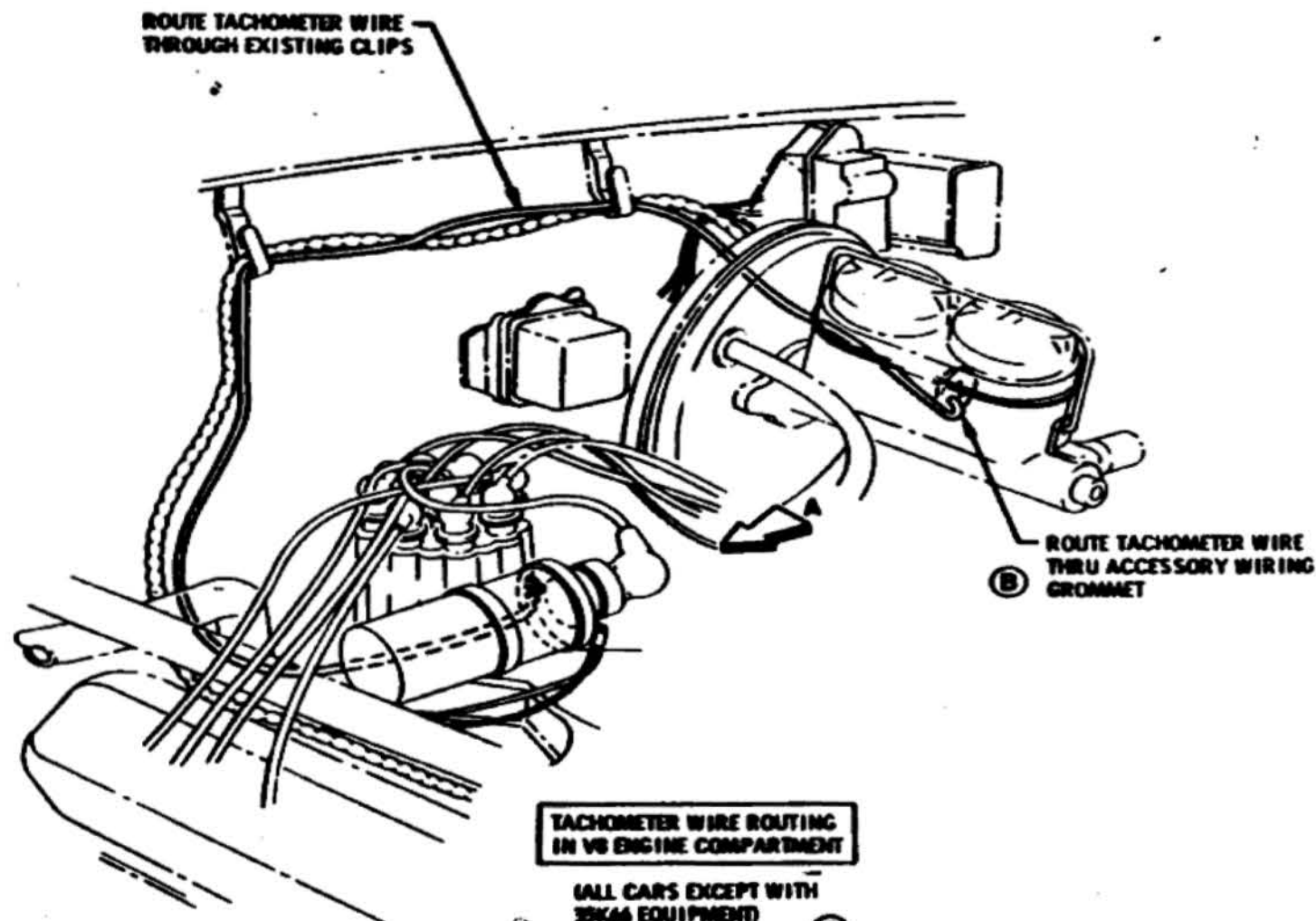
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												TITLE		TRUNK LAMP	
												DATE		FEB. 28, 1966	
												DR. BY		P. L. MESSY	
												CHECKED			
												APP.			
												REV.		35160	
												SERIES		A	
												PART NO.		394435	
												MANUAL SECTION		12	
												PAGE		1.35	



								TITLE AIR CONDITIONING CONTROL WIRING								
								DATE	FEB 3 1966	FIRST USED	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	12	PAGE	2.00
								DR. BY	H. PARKER							
								CHECKED	J. J.							
								APPR.	E. C. [Signature]							
								APPR.	[Signature]	REV.	35<60	SERIES	A	PART NO.	394435	
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM



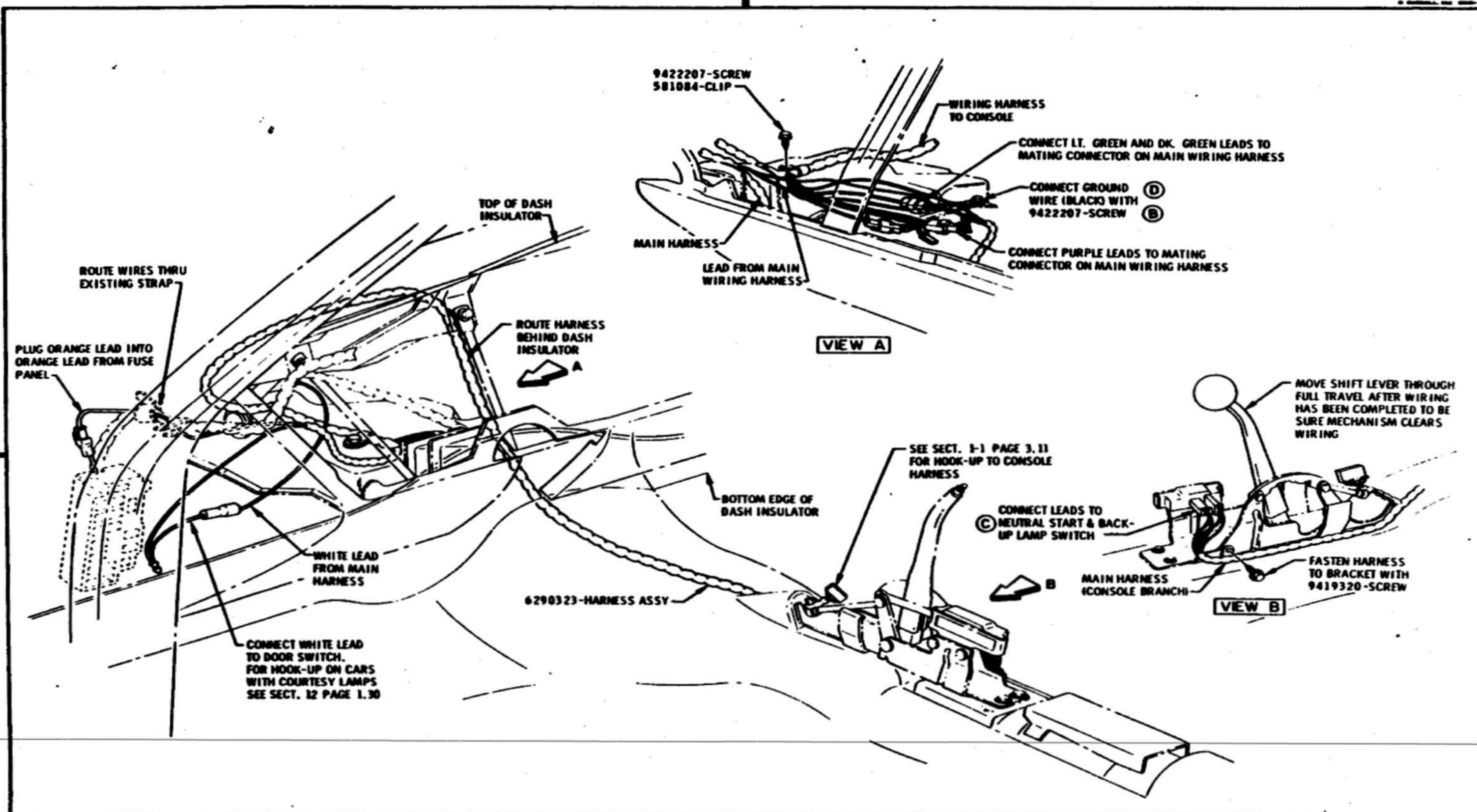
TITLE A/C COMPRESSOR WIRE ROUTING L6															
DATE	BY	DR	CK	DATE	BY	DR	CK	DATE	BY	DATE	FIRST USED	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	
											1967		12	2.02	
											REF. 35C60	SERIES A	PART NO. 394435		
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.



**TACHOMETER WIRE ROUTING
IN V8 ENGINE COMPARTMENT**

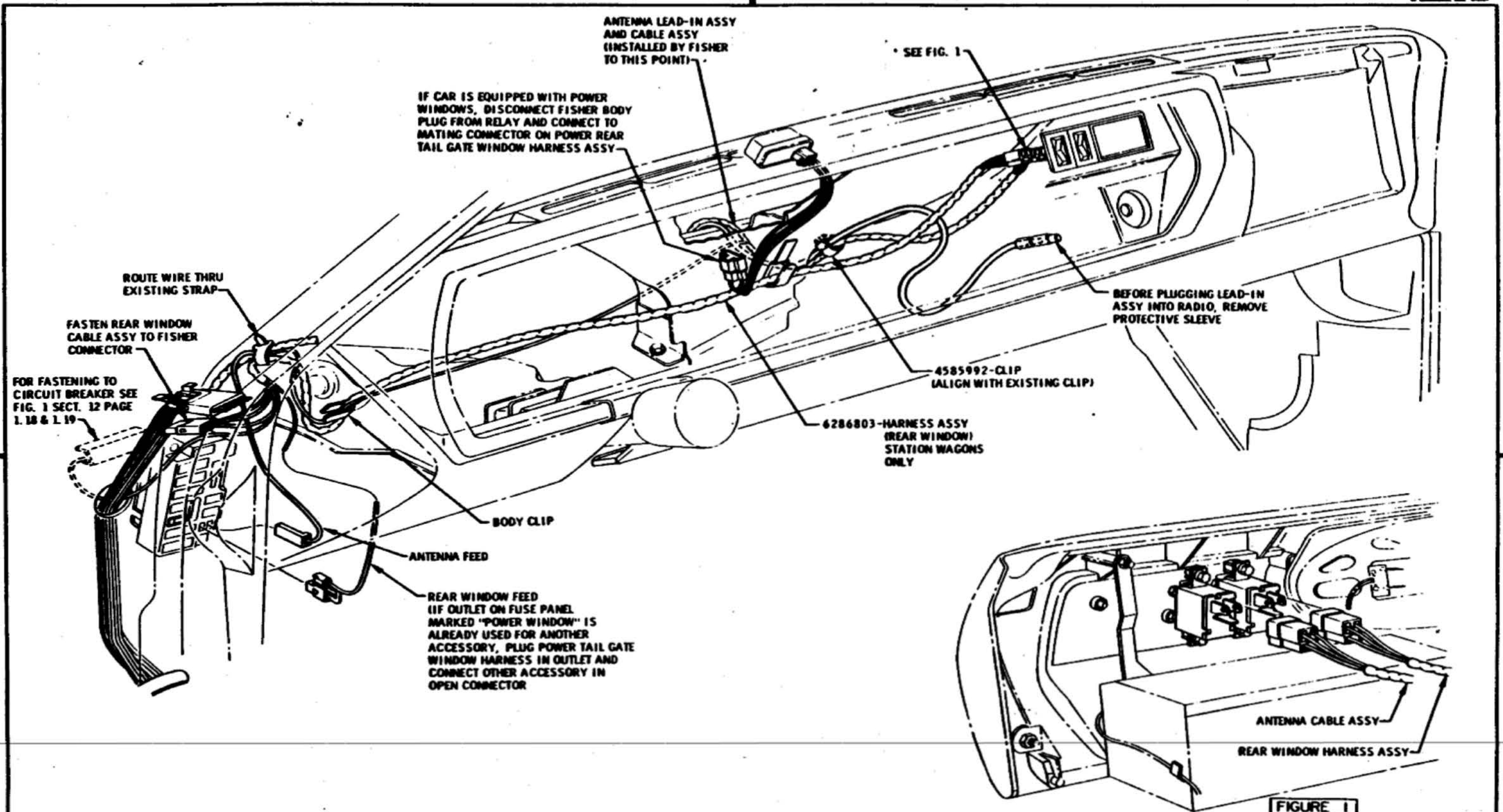
(ALL CARS EXCEPT WITH
35K46 EQUIPMENT) **C**
SEE SECT. 12 PAGE 3.45
FOR 35K46 TACHOMETER
HOOK UP

REVISION				REVISION				REVISION				REVISION				TITLE		PART NO.		MANUAL SECTION		PAGE	
NO.	DATE	BY	SYM.	NO.	DATE	BY	SYM.	NO.	DATE	BY	SYM.	NO.	DATE	BY	SYM.	1967		12		3.01			
																TACHOMETER WIRE ROUTING		A		394435			
																DATE FEB. 23, 1966		OLDSMOBILE PRODUCT		INFORMATION MANUAL			
																DR. BY P. J. MCKESSY							
																CHECKED BY							
																APPROVED BY							
																APPROVED BY							



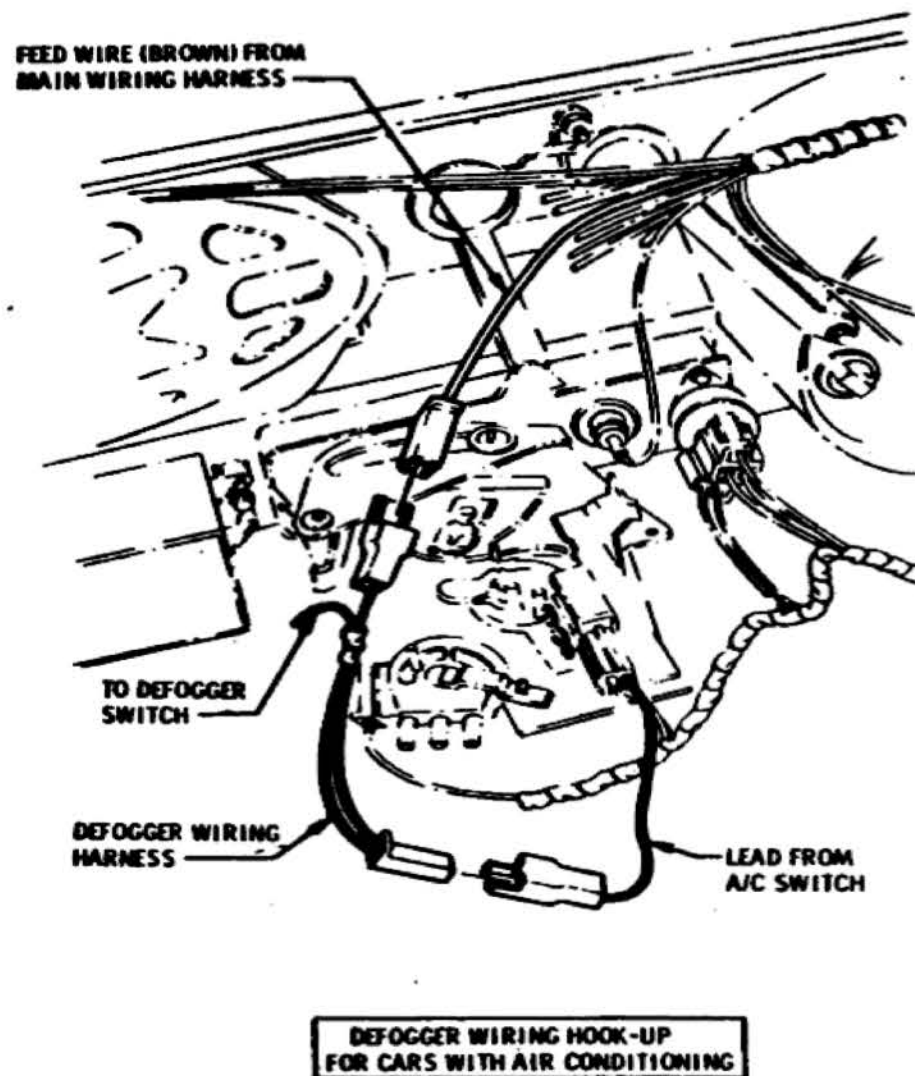
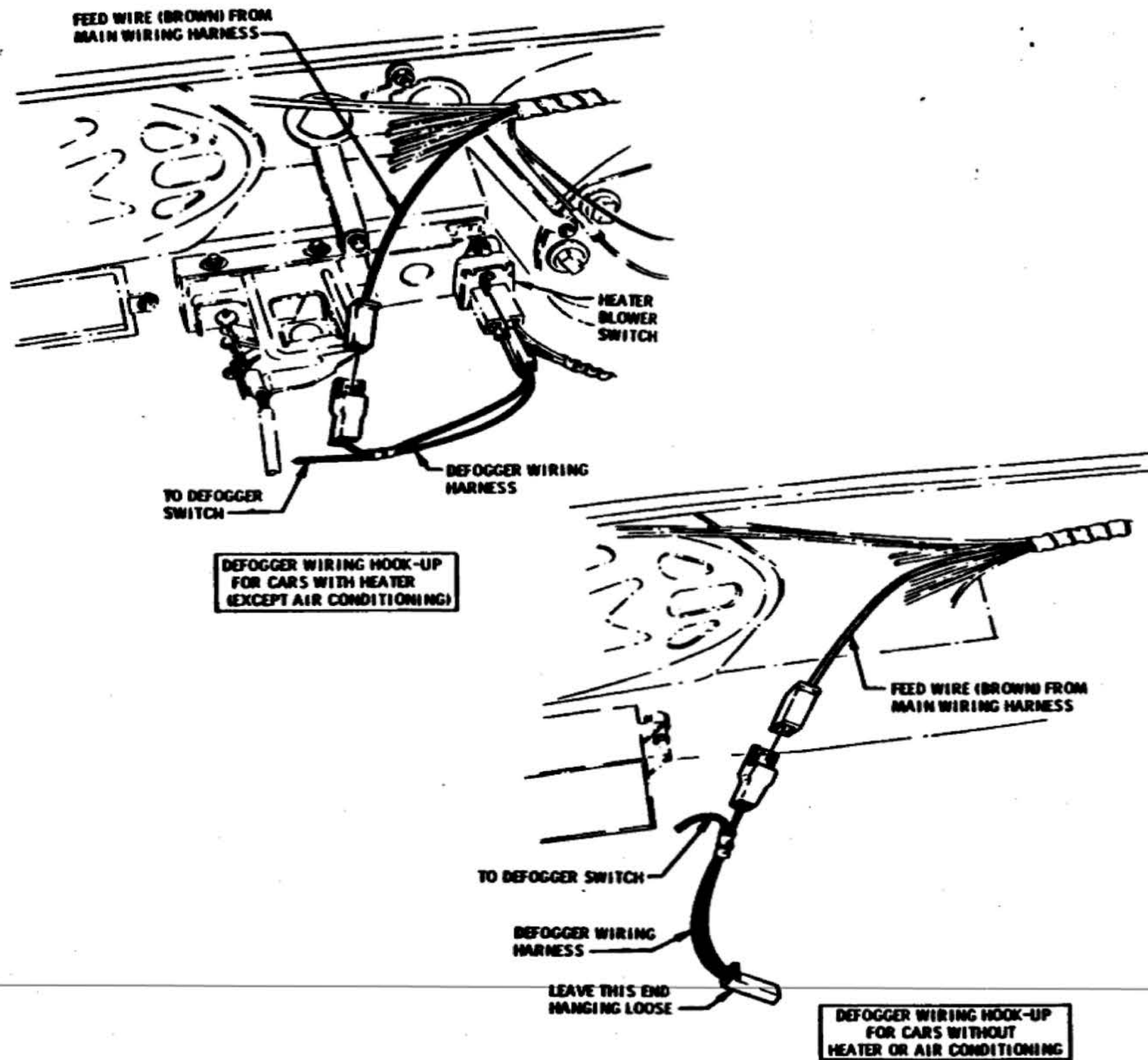
DATE	SYM	REVISION	DR	CL	DATE	SYM	REVISION	DR	CL	DATE	SYM	REVISION	DR	CL	DATE	SYM	REVISION	DR	CL	APPR.
					7-7-66	D	FASTENING LOCATION CHANGED													
					7-5-66	C	NOTE REVISED													
					6-2-66	B	NOTE REVISED													
					5-2-66	A	REVISED & RE-DRAWN													

TITLE		CONSOLE WIRE ROUTING	
DATE	7-7-66	FIRST USED	1967
DR BY	P. J. MESSV	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION
CHKD BY	J. J.	SERIES	A
APPR.	J. J.	PART NO.	394435
REF.	35035		



DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.

TITLE ELECTRIC ANTENNA & REAR WINDOW CABLES		FIRST USED 1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION 12	PAGE 3.20
DATE FEB. 22, 1966	DR. BY P.J. ARNESSY	CHECKED J.S.	APPV. J.S.	REF. 35A 33 35U75	SERIES A
				PART NO. 394435	



										TITLE REAR WINDOW DEFOGGER WIRING					
DATE					FIRST USED					OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE	
DATE					1967					12		3.40			
BY					BY					REV		SERIES		PART NO.	
BY					BY					35550		A		394435	
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.

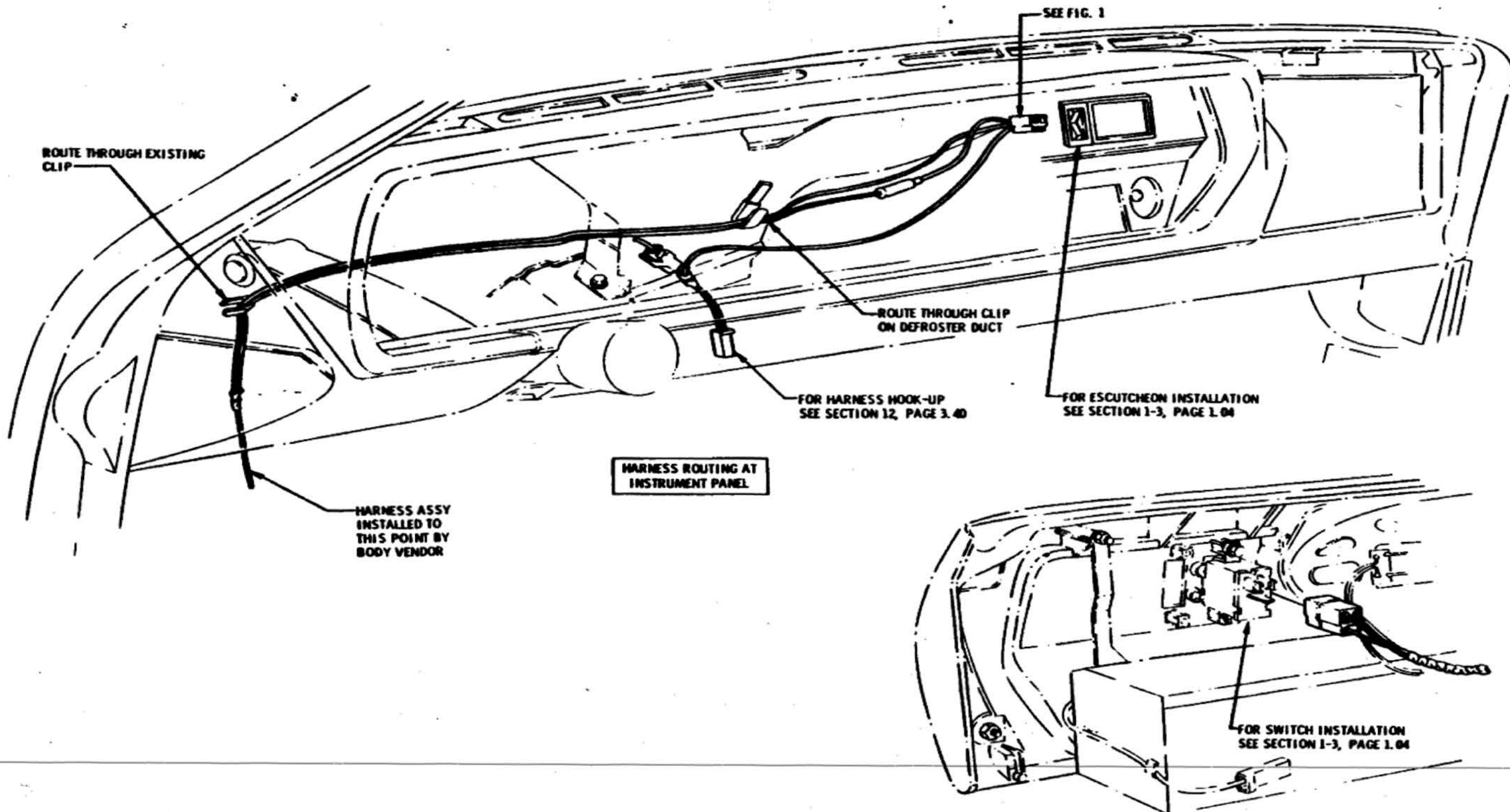
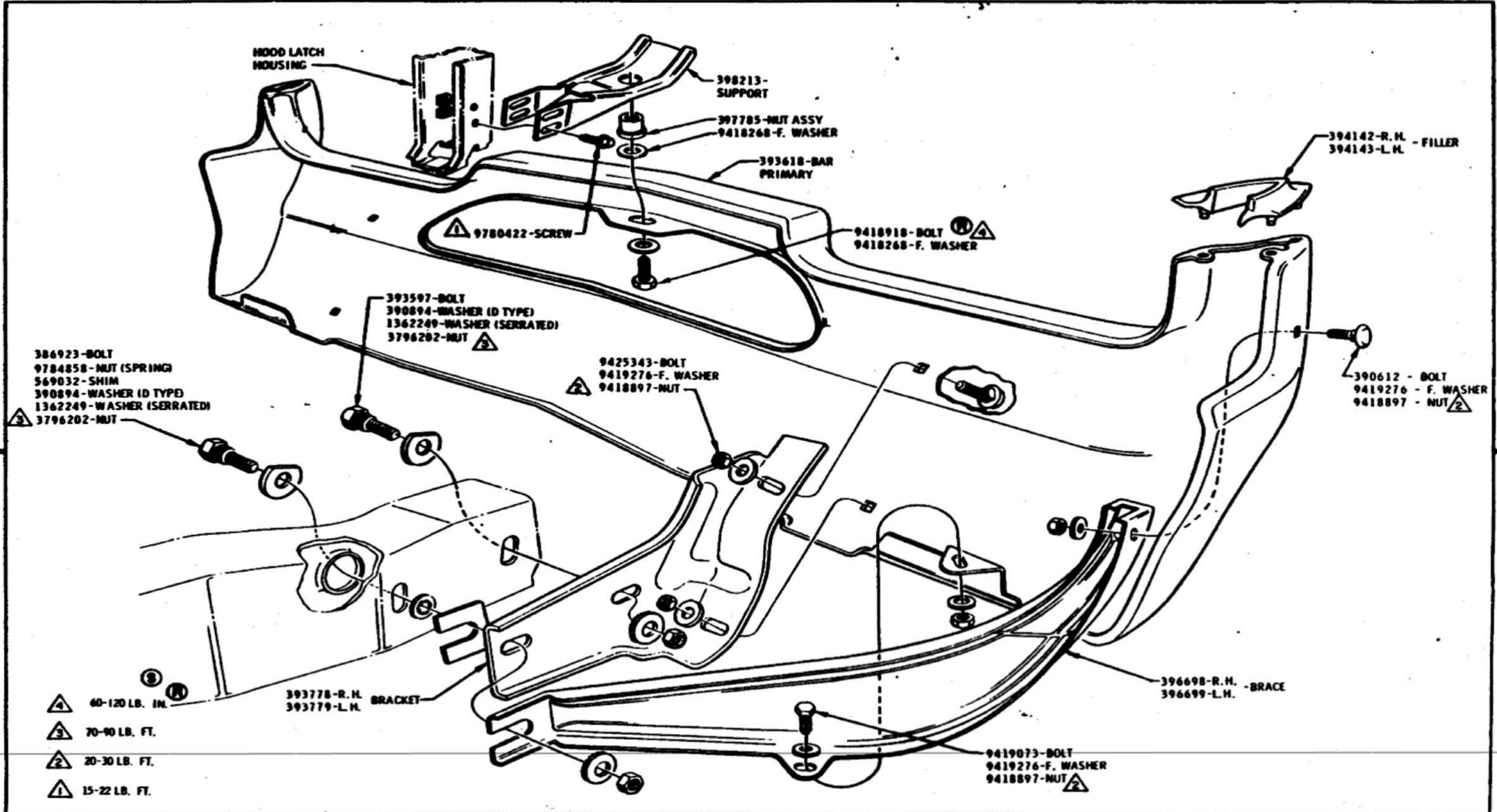


FIGURE 1

										TITLE REAR WINDOW DEFOGGER								
										DATE	FEB 14 1966	FIRST USED	1967	OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	12	PAGE	3.41
										CHECKED	B. PARKER	REV.	35C50	SERIES	A	PART NO.	394435	
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	APPR.			

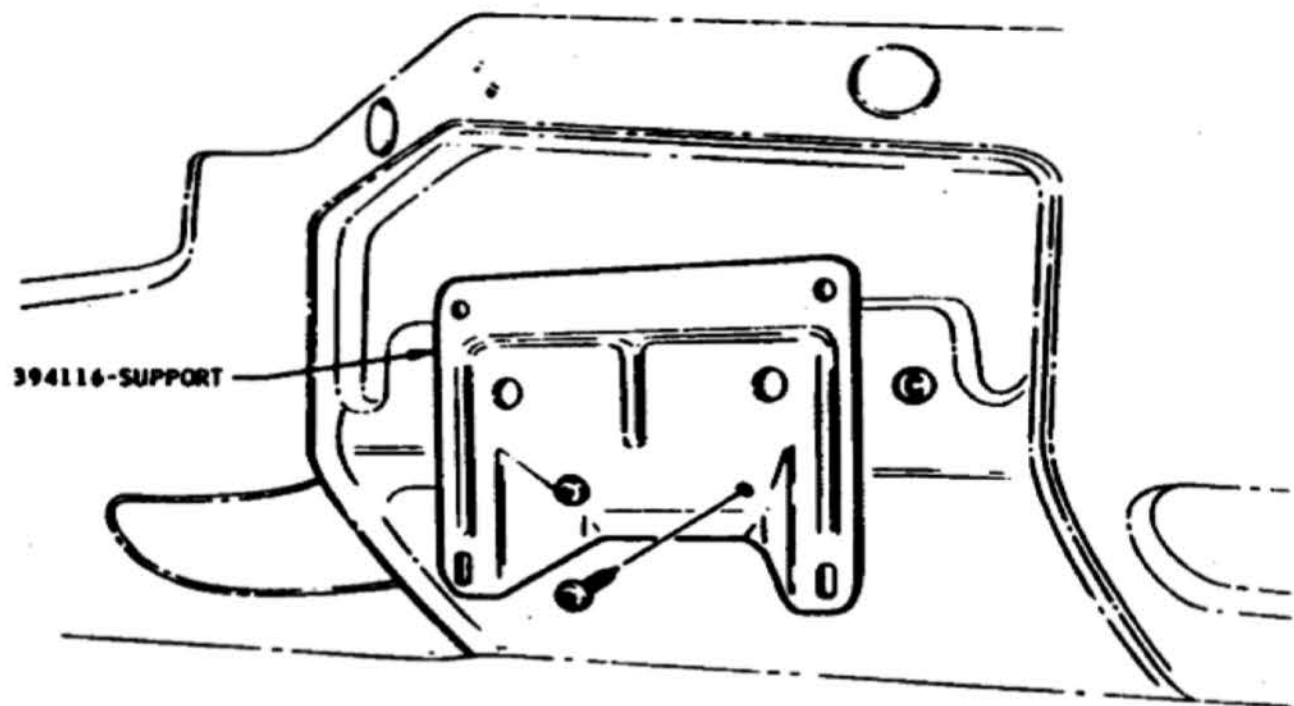
BUMPERS - SECTION 14

- 1.01 FRONT BUMPER**
- 1.03 FRONT LICENSE SUPPORT (DEALERS ONLY)**
- 1.05 REAR BUMPER (EXC. S.W.)**
- 1.06 STATION WAGON REAR BUMPER**
- 1.15 FUEL FILLER DOOR (EXC. S.W.)**



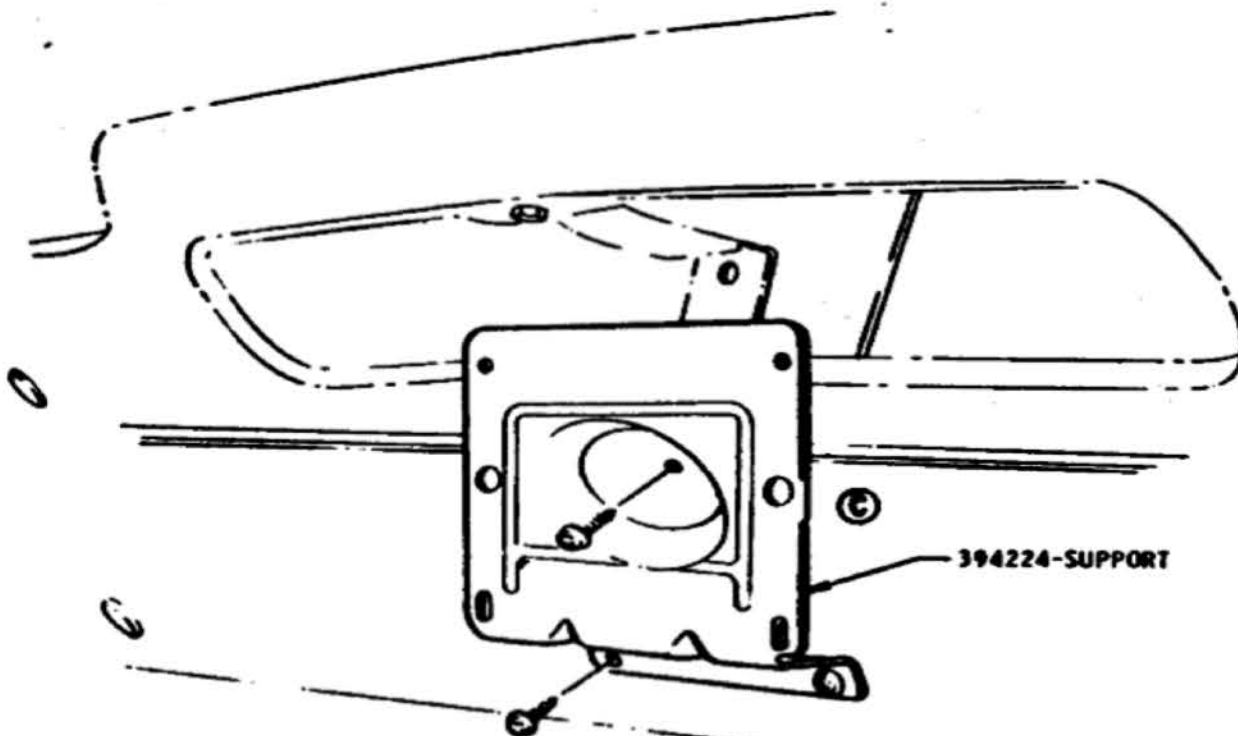
- 4 60-120 LB. IN.
- 3 70-90 LB. FT.
- 2 20-30 LB. FT.
- 1 15-22 LB. FT.

												TITLE				FRONT BUMPER			
												DATE <i>FEB. 11, 1966</i>				FIRST USED			
												BY <i>BEAUDOIN</i>				1967			
												CHECKED <i>...</i>				OLDSMOBILE PRODUCT INFORMATION MANUAL			
												<i>9-16-66 S WAS 20-30 IN. LB.</i>				MANUAL SECTION 14			
												<i>9-9-66 R2 FASTENING REY. TORQUE ADDED TO 177</i>				PAGE 1.01			
												APPR. <i>...</i>				SERIES A			
																PART NO. 394435			
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR.				



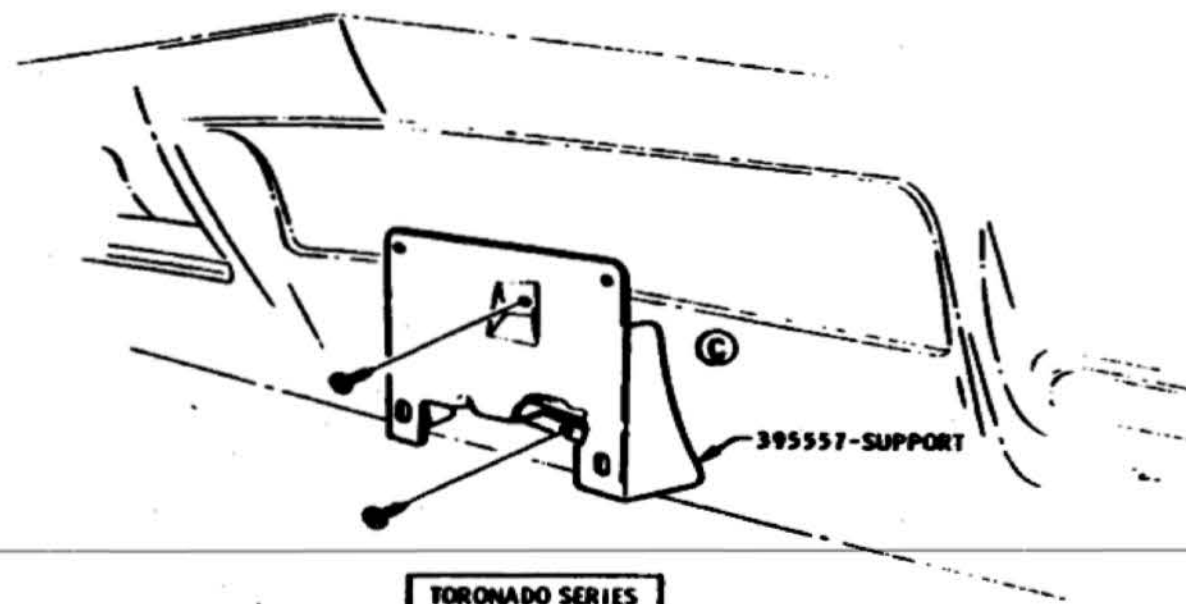
394116-SUPPORT

REGULAR CAR SERIES



394224-SUPPORT

FRS SERIES



395557-SUPPORT

TORONADO SERIES

INSTRUCTIONS

- (D) LOCATE AND DRILL 13/64" DIA. HOLE THROUGH LOCATING DIMPLE IN FRONT BUMPER.

FASTEN SUPPORT TO BUMPER USING 584429-SCREWS.

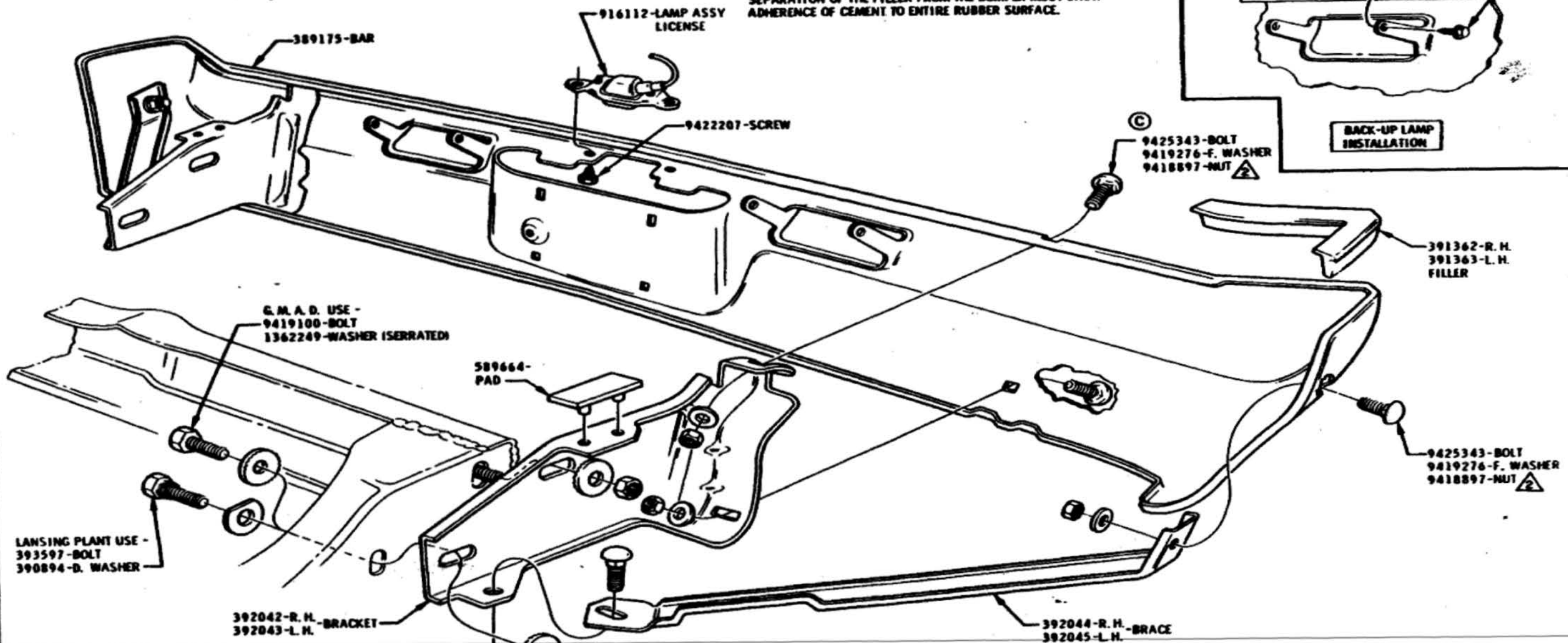
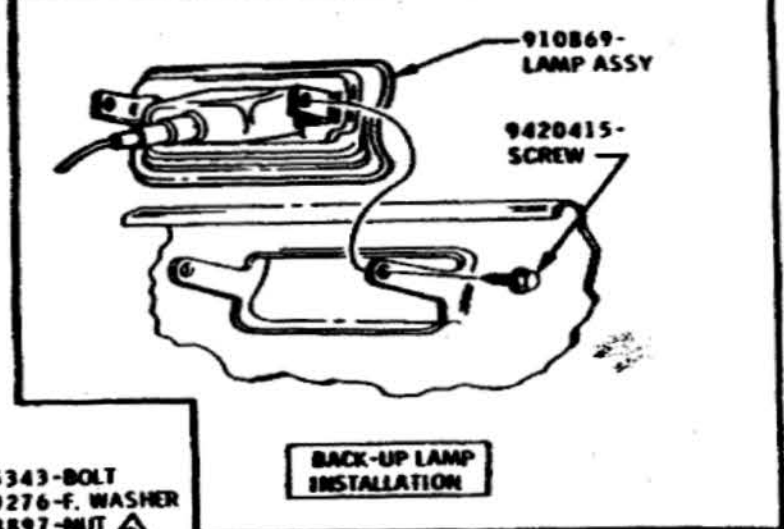
THESE FASTENINGS WILL BE FOUND IN THE PAPER ENVELOPE IN GLOVE BOX.

NOTE- ASSEMBLY PLANTS PLACE LICENSE SUPPORT IN TRUNK. DO NOT INSTALL ON CAR. THIS DRAWING FOR DEALER USE ONLY (B)

REVISION				REVISION				REVISION				REVISION				REVISION													
DATE	SYM	DR	CK	DATE	SYM	DR	CK	DATE	SYM	DR	CK	DATE	SYM	DR	CK	DATE	SYM	DR	CK										
												1-2-66 D WAS 9/32" DIA HOLE 1-2-66 C 445120 NUT REMOVED 7-5-66 E NOTE ADDED 6-22-66 A DEPRESSION REVISED		DATE APR. 10, 1966 DR BY CK BEACHMAN CHECKED J... APPR. P. J. ...		TITLE INSTALLATION-FRONT LICENSE SUPPORT		FIRST USED 1967		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION 14		PAGE 1.03		SERIES A B-C E		PART NO 396648	

ATTACH FILLER TO PRIMARY BAR WITH 9985027 ADHESIVE

BUMPER FILLER AND BUMPER CONTACTING SURFACE MUST BE KEPT CLEAN. BOTH THE BUMPER FILLER AND BUMPER CONTACTING SURFACE MUST BE COMPLETELY COATED WITH 9985027 CEMENT PRIOR TO ASSEMBLING FILLER IN BUMPER. CEMENT MUST AIR DRY 2 TO 25 MINUTES BEFORE ASSEMBLING FILLER TO BUMPER. SEPARATION OF THE FILLER FROM THE BUMPER MUST SHOW ADHERENCE OF CEMENT TO ENTIRE RUBBER SURFACE.



LANSING PLANT USE -
393597-BOLT
390894-D. WASHER

G.M.A.D. USE -
9419100-BOLT
1362249-WASHER (SERRATED)

589664-PAD

392042-R.H.-BRACKET
392043-L.H.

LANSING PLANT &
G.M.A.D. USE -
1362249-WASHER
(SERRATED)

9423861-BOLT
1362249-L. WASHER
9418897-NUT

9425343-BOLT
9419276-F. WASHER
9418897-NUT

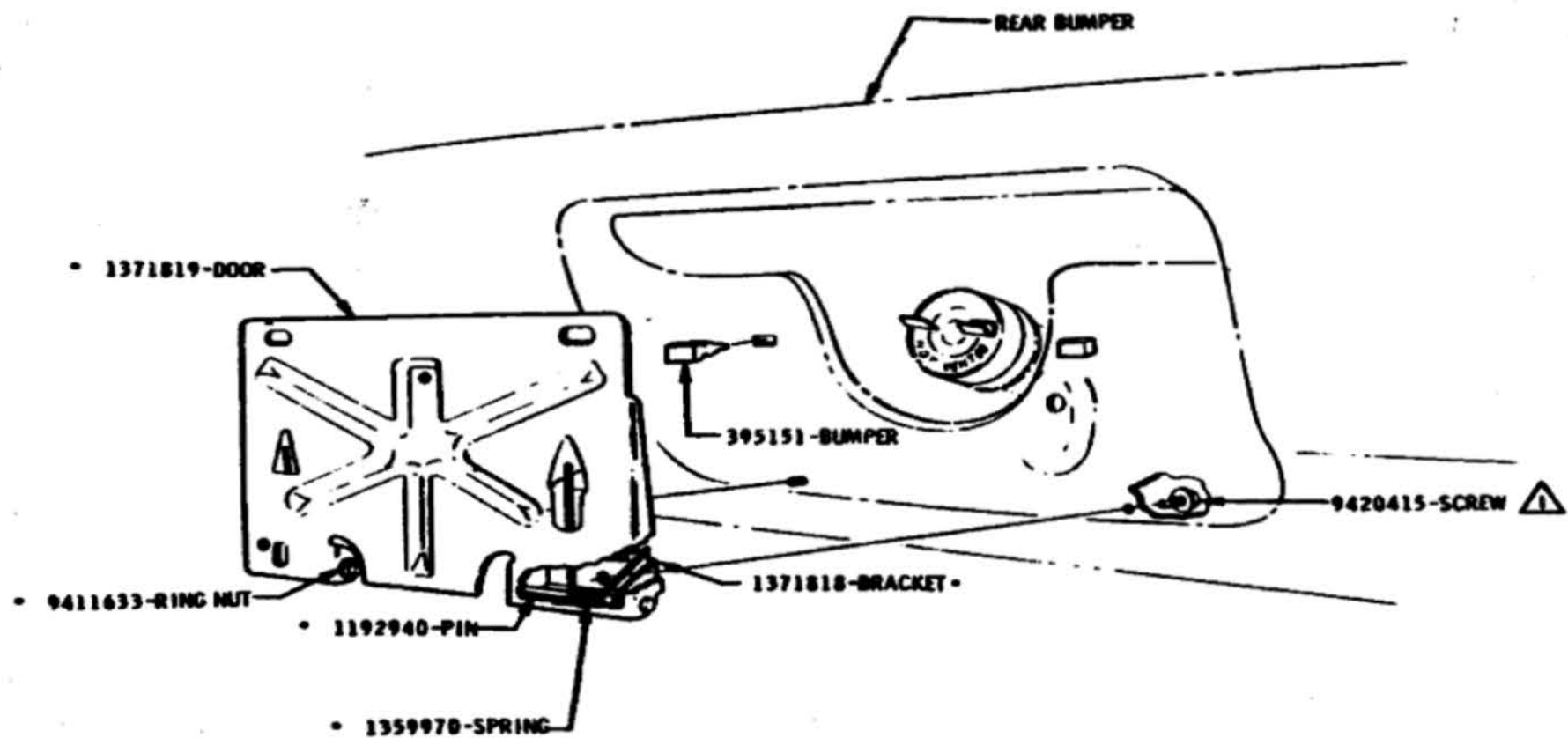
391362-R.H.
391363-L.H.
FILLER

9425343-BOLT
9419276-F. WASHER
9418897-NUT

REAR BUMPER (STATION WAGON ONLY)

20-30 LB. FT. $\text{\textcircled{D}}$
70-90 LB. FT. $\text{\textcircled{E}}$

REAR BUMPER											
DATE		SYM		REVISION		DATE		SYM			
7-8-66	E	7-8-66	D	7-8-66	C	7-8-66	B	7-8-66	A		
<p>7-8-66 E WAS 9418897-NUT</p> <p>7-8-66 D TORQUES ADJCD</p> <p>7-8-66 C WAS 383569-BOLT</p> <p>5-8-66 B WAS 911216-LAMP ASSY</p> <p>4-8-66 A WAS 383569-BOLT</p>											
						<p>PT TITLE</p> <p>DATE FEB 22 1966</p> <p>DR BY BEAUDIN</p> <p>CHECKED JGM</p> <p>APP. JGM</p>		<p>FIRST USED</p> <p>1967</p>		<p>OLDSMOBILE PRODUCT INFORMATION MANUAL</p>	
						<p>MANUAL SECTION</p> <p>14</p>		<p>PAGE</p> <p>1.06</p>			
						<p>SERIES</p> <p>A</p>		<p>PART NO.</p> <p>394435</p>			

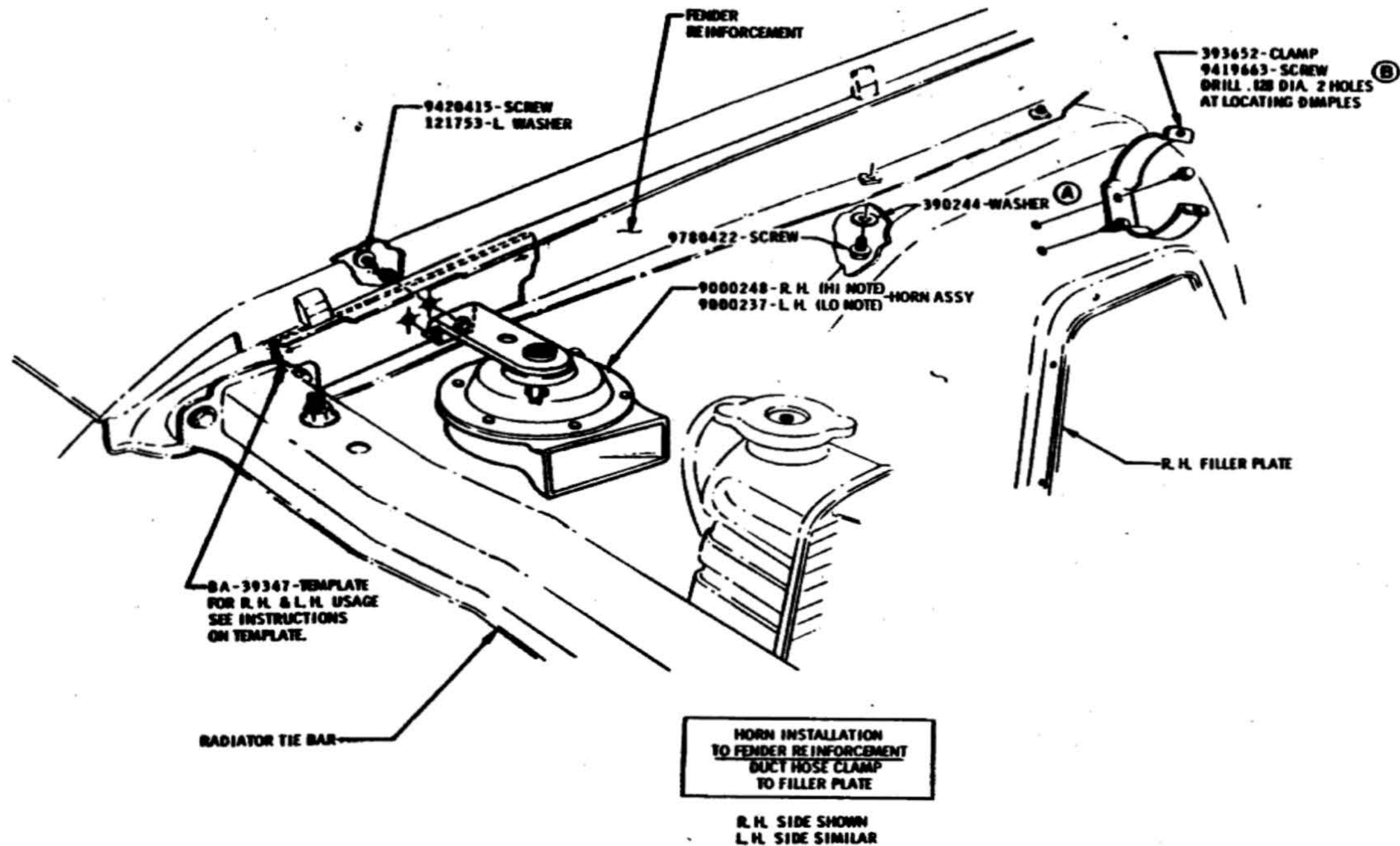


\triangle 25-35 LB. IN. $\text{\textcircled{A}}$

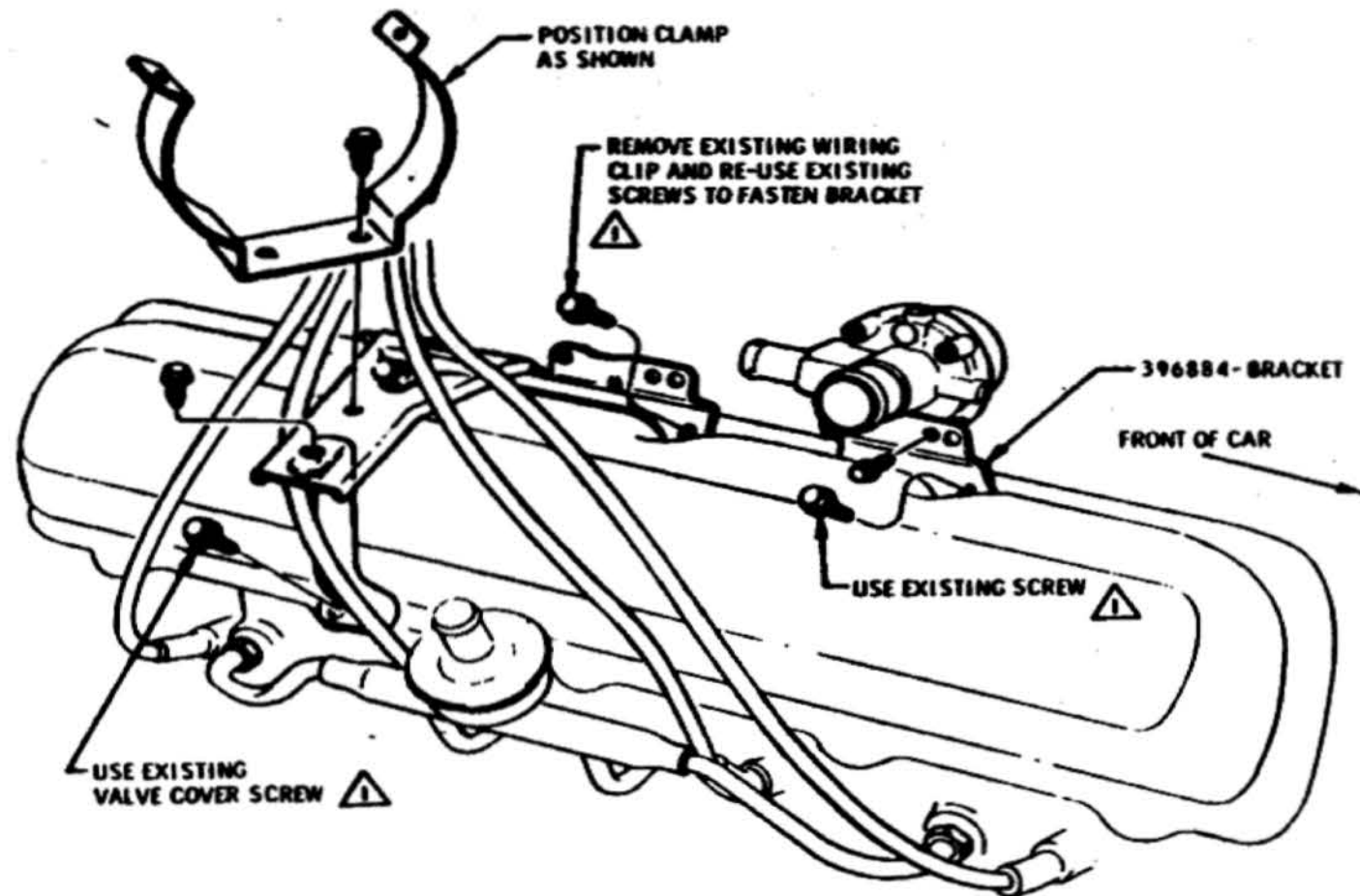
* PART OF 390700-DOOR ASSEMBLY

NOT USED ON STATION WAGON

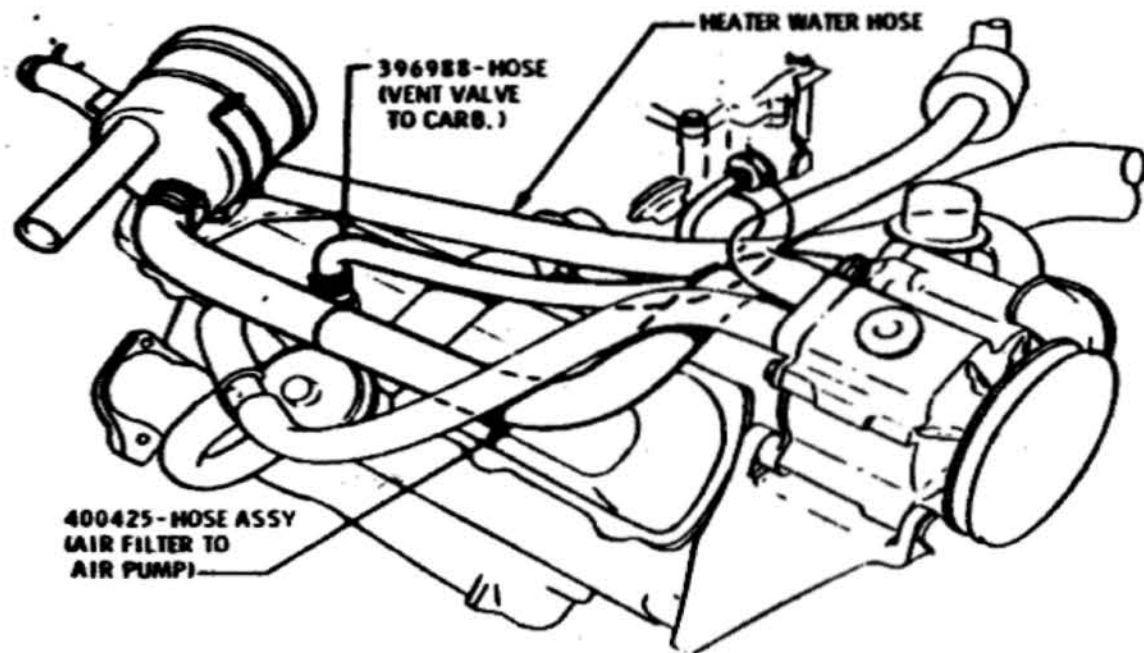
										TITLE		FIRST USED		OLDSMOBILE PRODUCT INFORMATION MANUAL	MANUAL SECTION	PAGE	
										FUEL FILLER DOOR		1967			14	1.15	
										DATE FEB. 23, 1966		DR. BY G.V. BOCHNAU					
										CHECKED		BY					
										APPR. <i>[Signature]</i>		SERIES					
										APPR. <i>[Signature]</i>		A					
										PART NO.		394435					
DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION	DR.	CK.	DATE	SYM	REVISION



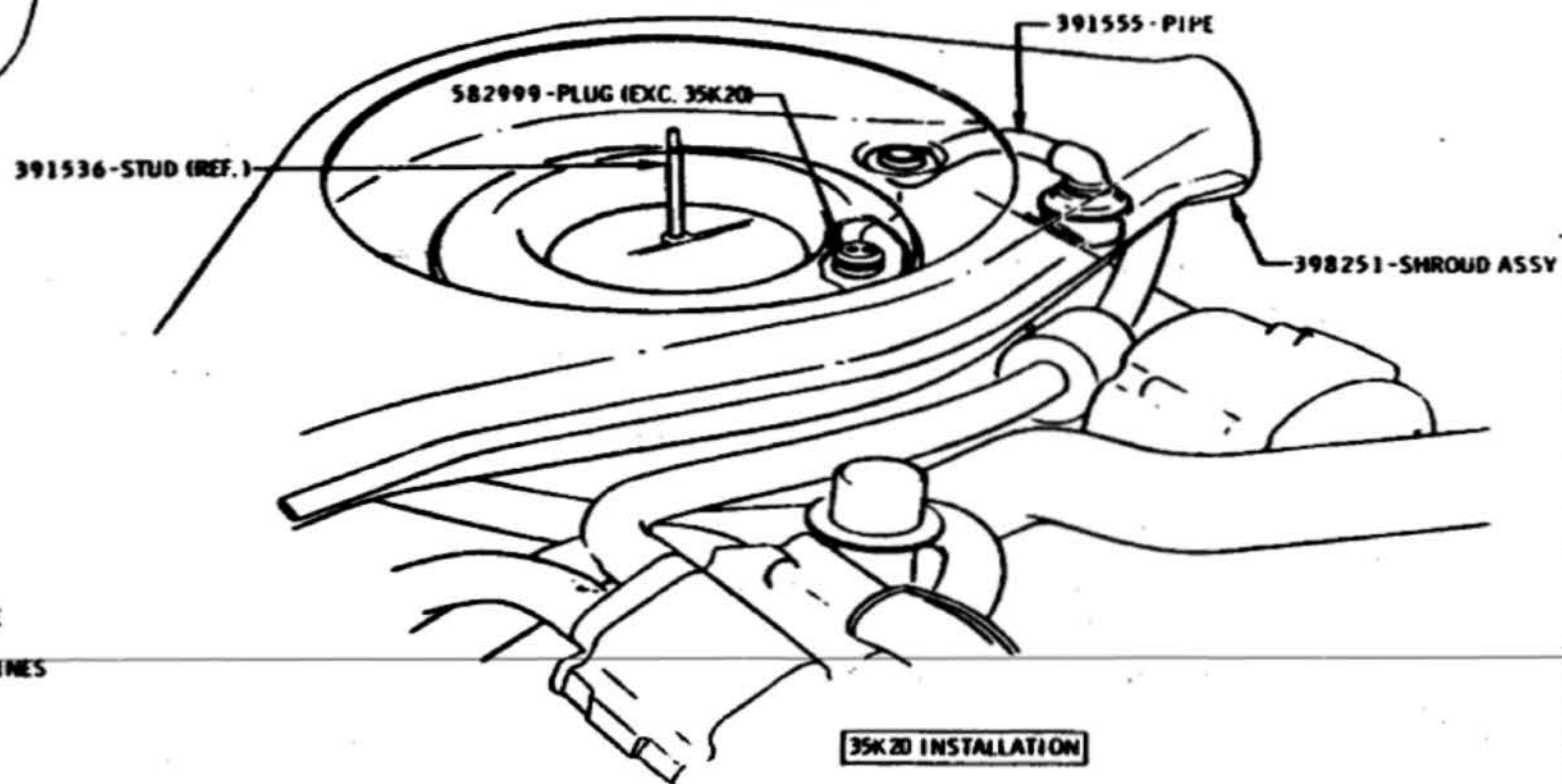
TITLE										DATE		PART USED		OLDSMOBILE PRODUCT INFORMATION MANUAL		MANUAL SECTION		PAGE	
OUTSIDE AIR INDUCTION SYSTEM										NOV. 5 1966		1967		35W30		35W30		1.12	
DRILL NOTE ADDED										BY <i>DF</i>		CHECKED <i>JM</i>		SERIES		PART NO.		394435	
SCREW & WASHER ADDED										BY <i>DF</i>		APPROVED <i>DF</i>		A					
DATE	SYM	REVISION	DR. CL.	DATE	SYM	REVISION	DR. CL.	DATE	SYM	REVISION	DR. CL.	DATE	SYM	REVISION	DR. CL.	DATE	SYM	REVISION	DR. CL.



35K19 BRACKET & BLEED VALVE INSTALLATION



35K19 & 35K20 HOSE ROUTING



35K20 INSTALLATION

NOTE

PARTS & INSTALLATION OTHERWISE SAME AS STANDARD PARTS & INSTALLATION ON 400 CU. IN. ENGINES

60 - 90 LB. IN.

TITLE										OUTSIDE AIR INDUCTION SYSTEM					
DATE <i>NOV. 5, 1966</i>										FIRST USED	OLDSMOBILE PRODUCT	MANUAL SECTION	PAGE		
OR BY <i>B. B. PARKER</i>										1967	INFORMATION MANUAL	35W30	114		
CHECKED <i>[Signature]</i>										REF	SERIES	PART NO	394435		
DATE <i>2-24-67</i> SYM <i>A</i> REVISION <i>REVISED REDRAWN</i>										APPR	A				
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	APPR

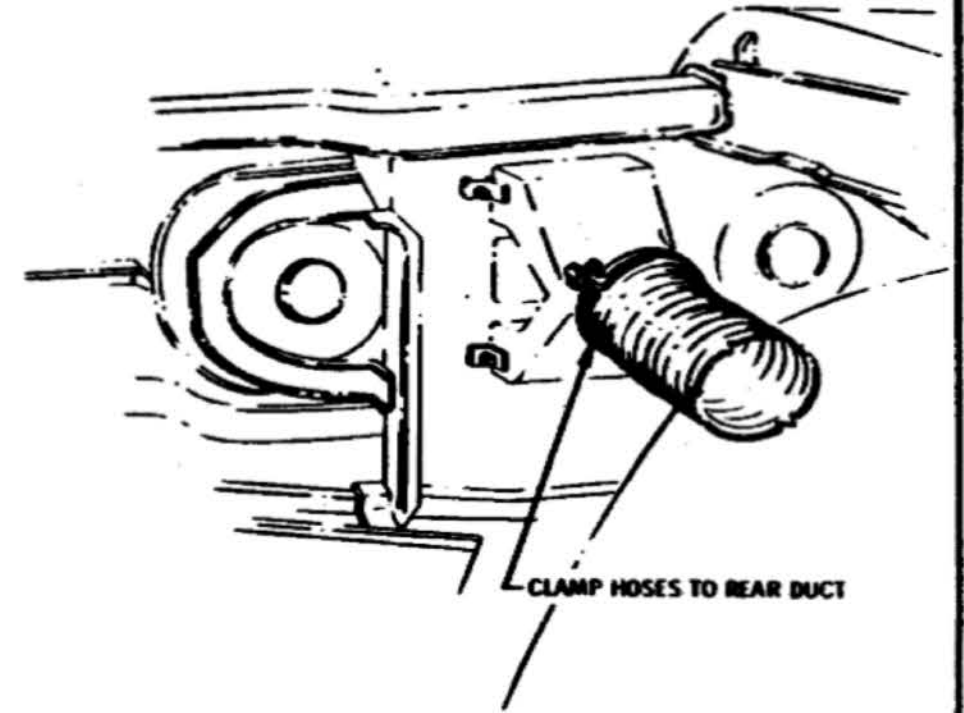
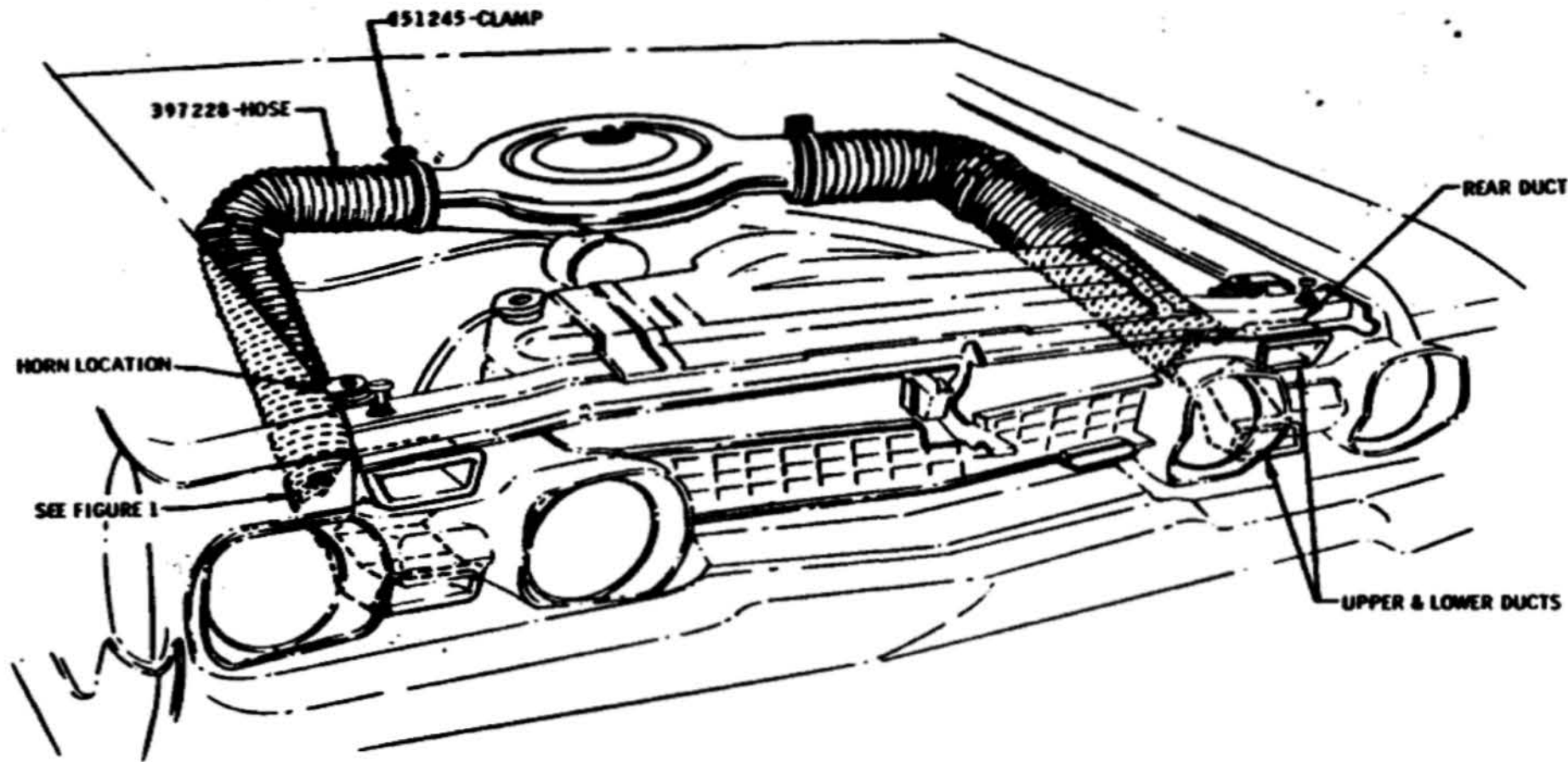
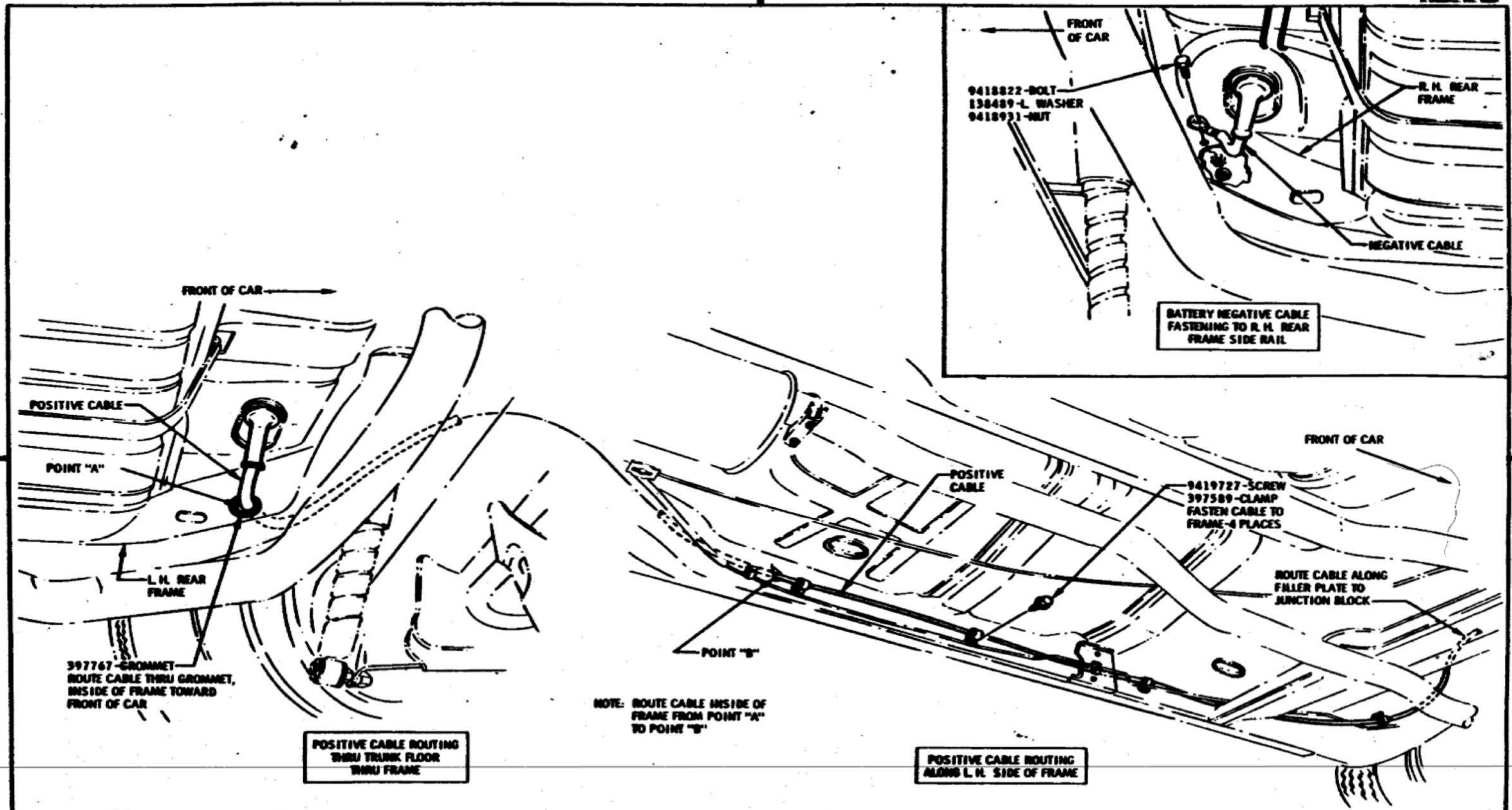


FIGURE 1

**INSTALLATION OF HOSES TO
DUCTS AND SHROUD ASSY**

										TITLE OUTSIDE AIR INDUCTION SYSTEM				
										DATE	FIRST USED	OLDSMOBILE PRODUCT	MANUAL SECTION	PAGE
										FEB. 24, 1967	1967	INFORMATION MANUAL	35W30	1.15
										DR BY <i>R. E. NELSON</i>				
										CHECKED <i>J. H. [unclear]</i>				
										APPR.		SERIES	PART NO.	
										APPR. <i>[Signature]</i>		A	394435	
DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK	DATE	SYM	REVISION	DR	CK



DATE	SYM	REVISION	REL. CL.	DATE	SYM	REVISION	REL. CL.	DATE	SYM	REVISION	REL. CL.	DATE	SYM	REVISION	REL. CL.	DATE	SYM	REVISION	REL. CL.

TITLE OUTSIDE AIR INDUCTION SYSTEM													
DATE <i>NOV. 8, 1966</i>													
CHK BY <i>D. B. PARKER</i>													
APPR. <i>[Signature]</i>													
PART USED 1967													
OLDSMOBILE PRODUCT REPAIRATION MANUAL													
MANUAL SECTION 35W30													
PAGE 1.17													
SERIES A													
PART NO. 394435													