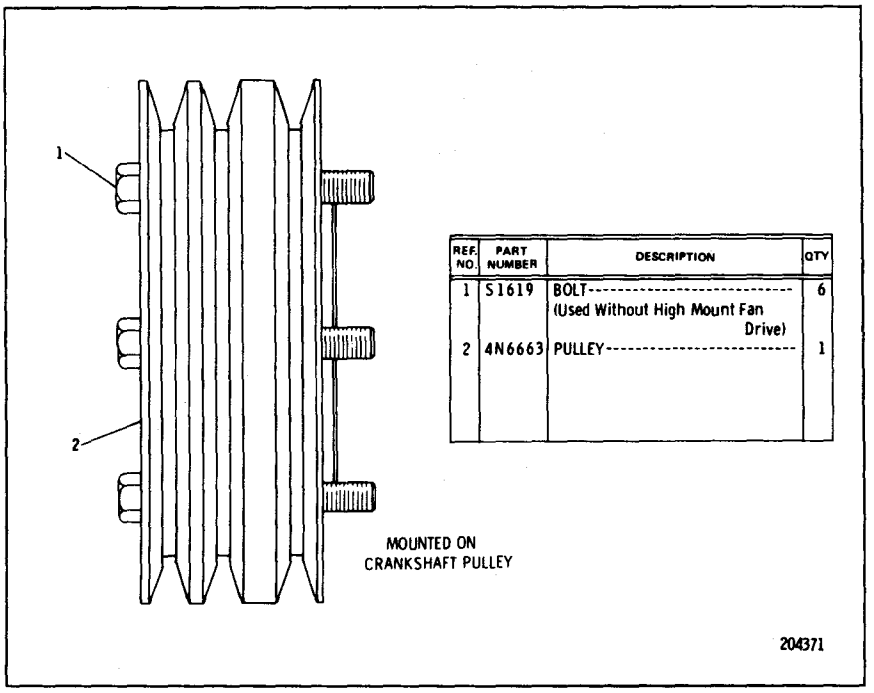
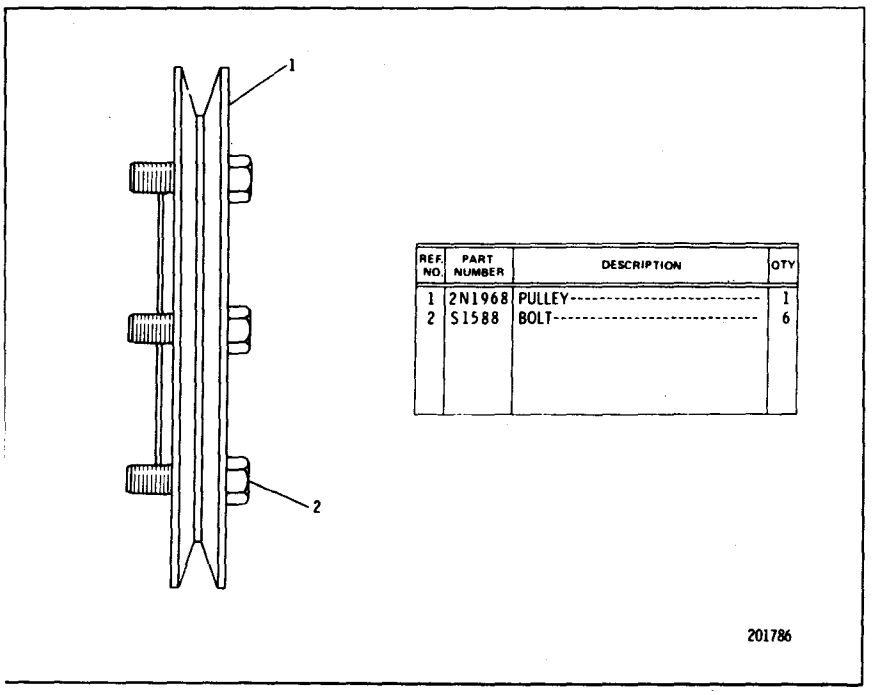


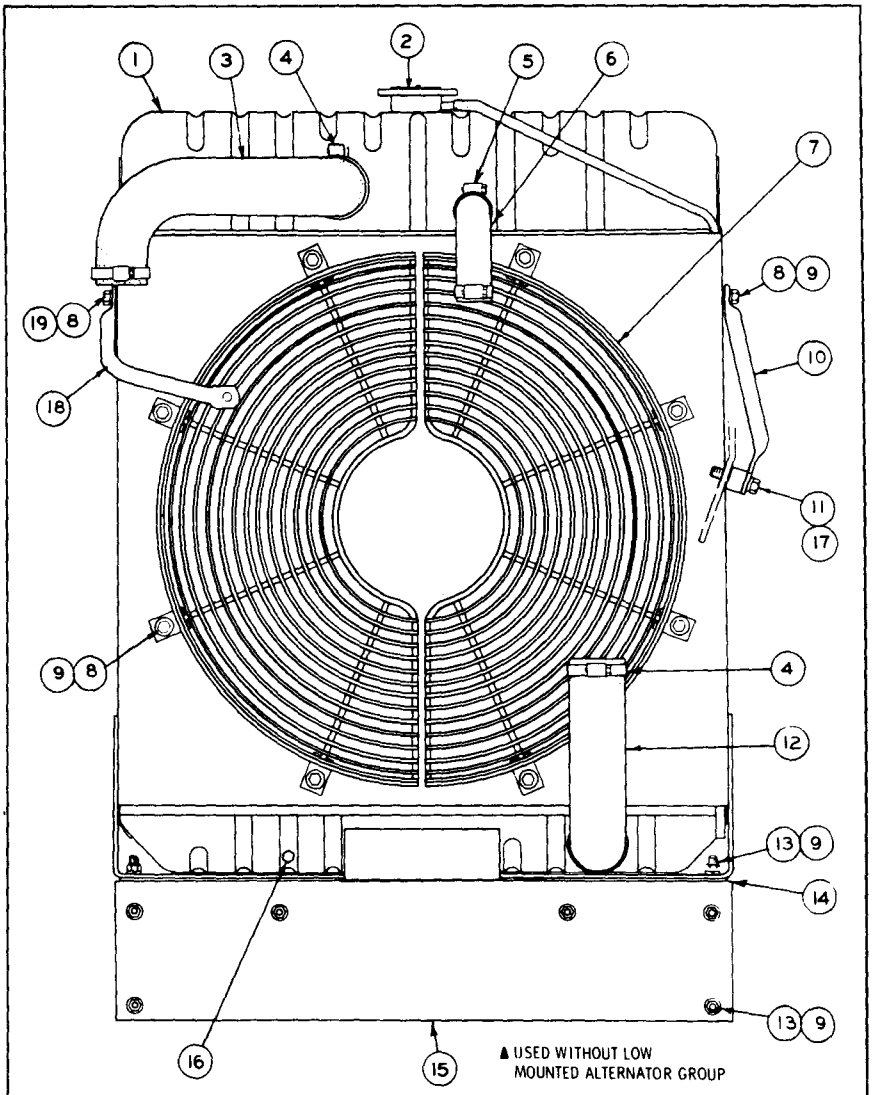
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	S1619	BOLT---------- (Used Without High Mount Fan Drive)	6
2	4N6663	PULLEY----------	1

9N783 AUXILIARY DRIVE PULLEY GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2N1968	PULLEY----------	1
2	S1588	BOLT----------	6

4N8670 AUXILIARY DRIVE PULLEY GROUP—Front Crankshaft Mounted
NOT COMPATIBLE WITH HIGH MOUNT FAN, RADIATOR OR 9L7461 PULLEY
AN ATTACHMENT



▲ USED WITHOUT LOW MOUNTED ALTERNATOR GROUP

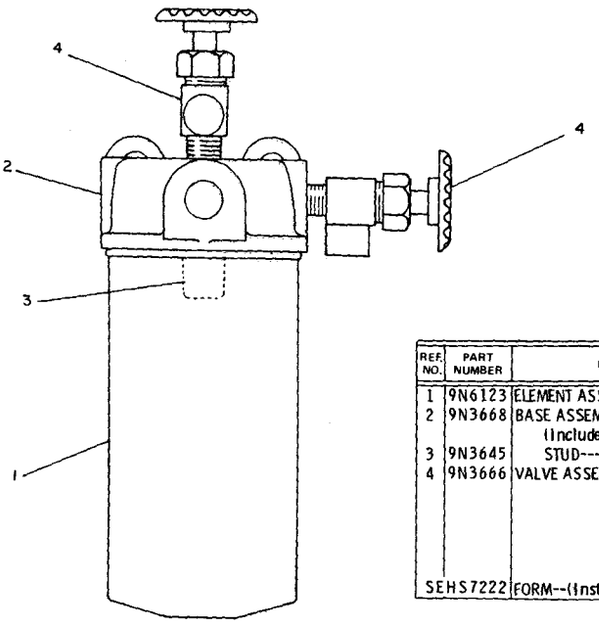
	REF. NO.	PART NUMBER	DESCRIPTION	QTY
	1	3N2913	RADIATOR ASSEM. (Includes)	1
	2	6L8617	CAP	1
	3	4N8146	HOSE	1
C	4	5P597	CLAMP	4
	5	9M7958	CLAMP	2
	6	4N6742	HOSE	1
	7	1N9358	GUARD	2
	8	S509	BOLT	10
C	9	5M2894	WASHER	26
	10	2N199	BRACE	1

C ▲	11	1T319	BOLT	1
		6H7062	SPACER	1
	12	2N193	HOSE	1
	13	S1588	BOLT	8
		1D4717	NUT	8
	14	2N1322	DAMPER	2
	15	2N170	SUPPORT ASSEM.	1
	16	5B7890	PLUG	1
C	17	4S9191	WASHER	1
	18	4N6910	BRACE	1
	19	4B4278	WASHER	2

C INDICATES CHANGE

205093

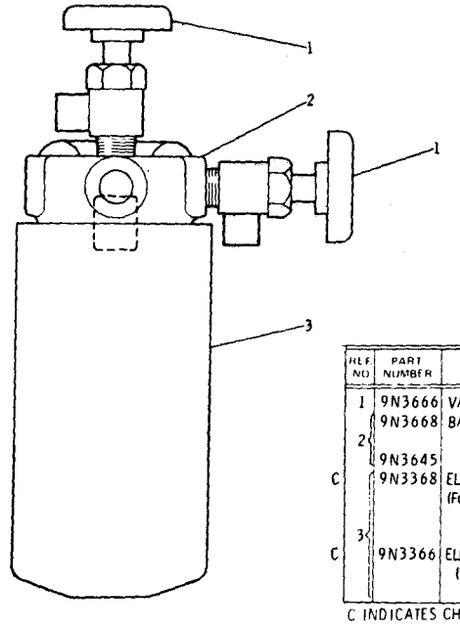
4N7393 RADIATOR GROUP
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9N6123	ELEMENT ASSEM.	1
2	9N3668	BASE ASSEM. (Includes)	1
3	9N3645	STUD	1
4	9N3666	VALVE ASSEM.	2
	SEHS7222	FORM--(Installation Instruction)-	1

230831

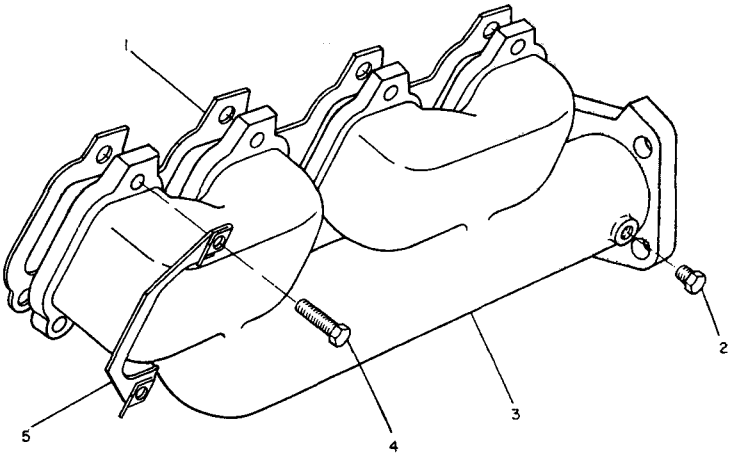
1W1310 COOLANT FILTER GROUP



REF NO	PART NUMBER	DESCRIPTION	QTY
1	9N3666	VALVE ASSEM.	2
2	9N3668	BASE ASSEM. (Includes)	1
	9N3645	STUD	1
C	9N3368	ELEMENT ASSEM. --(Maintenance)- (For Routine Replacement, System Not Drained)	1
3		-OR-	
C	9N3366	ELEMENT ASSEM. ----(Precharge) (Use When System Drained And (Refilled)	1

C INDICATES CHANGE 170094

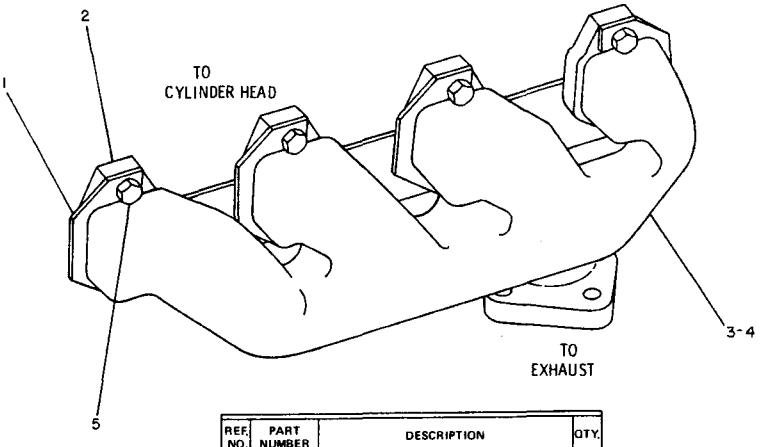
9N3659 COOLANT FILTER GROUP—Remote Mounted



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9L8027	GASKET	1
2	5B7890	PLUG	2
3	8L6274	MANIFOLD (L.H.)	1
	8L6273	MANIFOLD (R.H.)	1
4	S1588	BOLT	16
5	9L9658	LOCK	8

227271

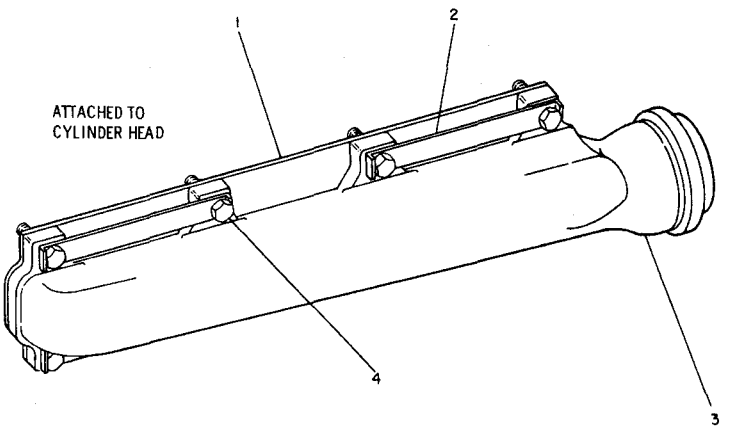
4N5875 EXHAUST MANIFOLD GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9L9658	LOCK	8
2	9L8027	GASKET	2
3	9L7955	MANIFOLD (R.H.)	1
4	9L7954	MANIFOLD (L.H.)	1
5	S1588	BOLT	16

227270

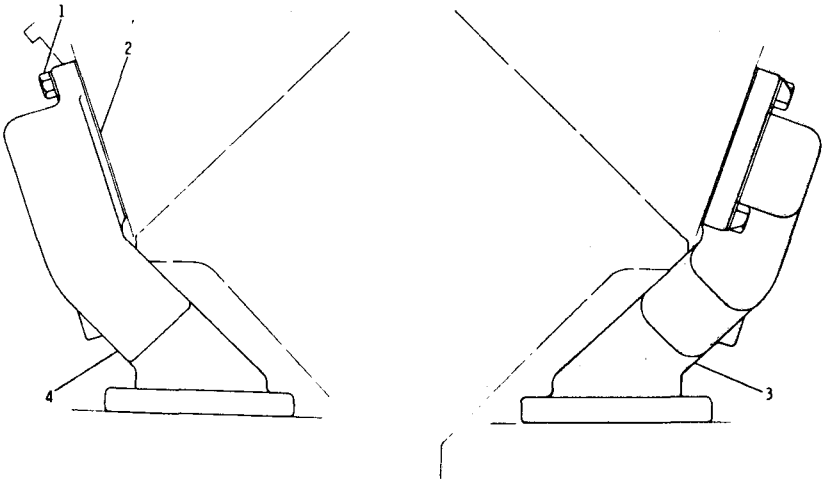
9L6258 EXHAUST MANIFOLD GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9L8027	GASKET	2
2	4N196	LOCK	8
3	7N4617	MANIFOLD	2
4	S1588	BOLT	16

227272

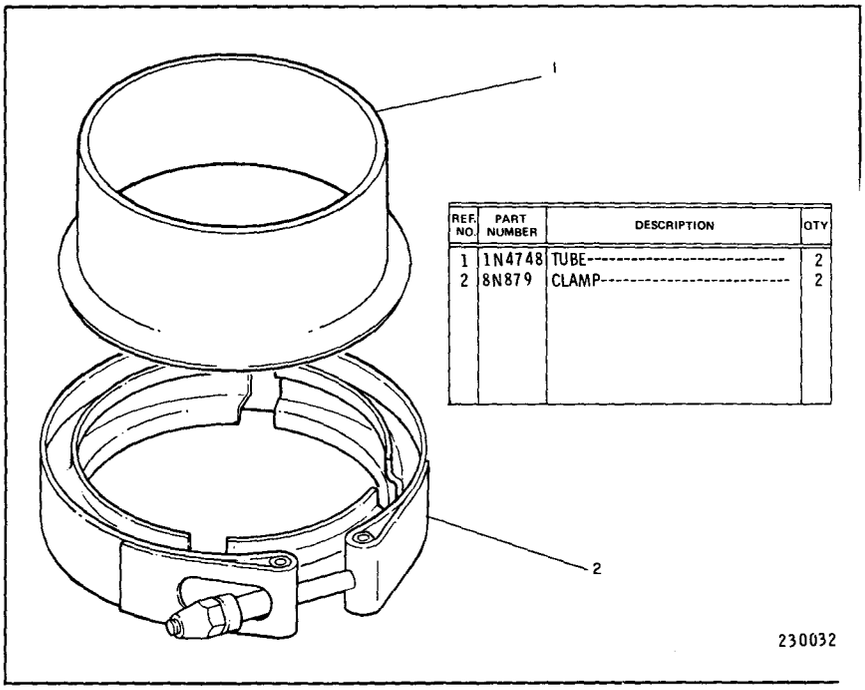
7N5198 EXHAUST MANIFOLD GROUP
ALSO AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	S1588	BOLT	16
	9L9658	LOCK	8
2	9L8027	GASKET	2
3	4N5846	MANIFOLD-------(L.H.)----------	1
4	4N5845	MANIFOLD-------(R.H.)----------	1

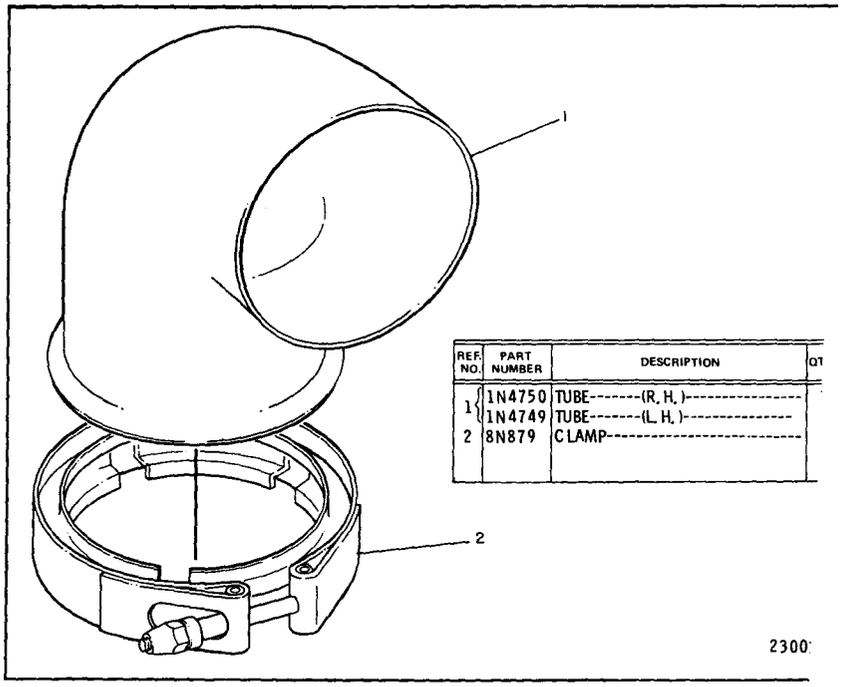
201701

9N535 EXHAUST MANIFOLD GROUP
ALSO AN ATTACHMENT



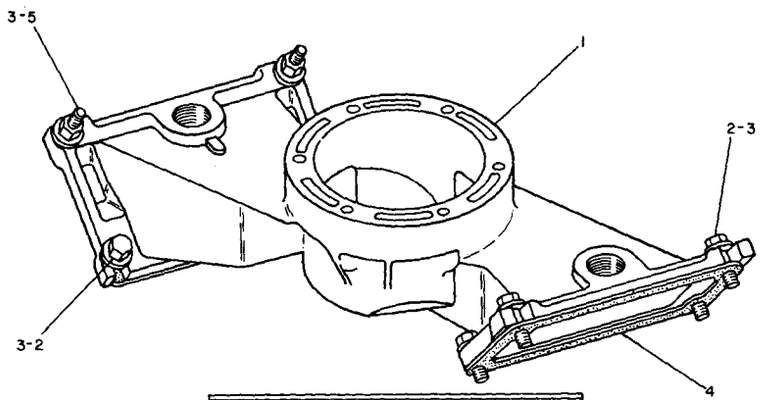
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1N4748	TUBE	2
2	8N879	CLAMP	2

1N4745 EXHAUST PIPE GROUP—Straight
FOR USE WITH 7N5198 EXHAUST MANIFOLD GROUP
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QT
1	1N4750	TUBE-------(R. H.)	
	1N4749	TUBE-------(L. H.)	
2	8N879	CLAMP	

1N4746 EXHAUST PIPE GROUP—90 Degree
WITH 7N5198 EXHAUST MANIFOLD GROUP

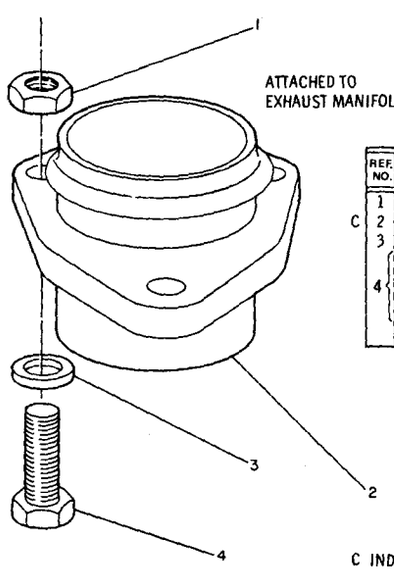


	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C	1	6N8439	PIPE	1
	2	S1588	BOLT---3.17 cm(1.25 in.)long	7
			- OR -	
C	2	3B1915	BOLT---3.49 cm(1.375 in.)long	7
	3	9M6527	WASHER	8
	4	9L7630	GASKET	2
	5	9L9115	STUDBOLT	1

C INDICATES CHANGE

227138

9N555 INLET MANIFOLD GROUP

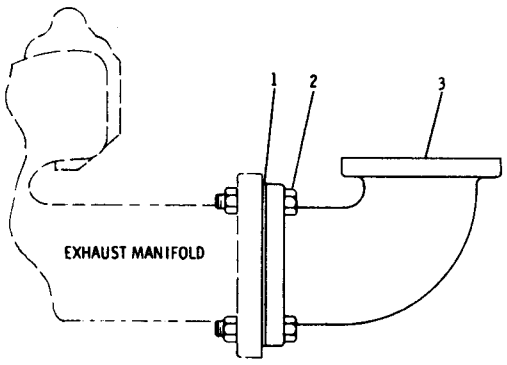


	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
	1	1B5355	NUT	6
C	2	8N4709	CONNECTOR ASSEM.	2
	3	5M2894	WASHER	6
	4	S1591	BOLT	3
		S1591	BOLT (Not Required With EGR Valve Assem.)	3

C INDICATES CHANGE

227112

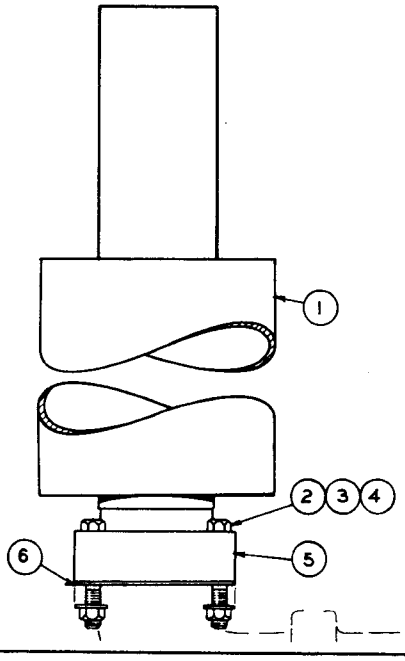
9N1069 EXHAUST FITTING GROUP
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9M6878	GASKET	2
2	S1571	BOLT	8
	1D4717	NUT	8
3	8L6169	ELBOW	2

201377

4N5867 EXHAUST ELBOW GROUP
ALSO AN ATTACHMENT



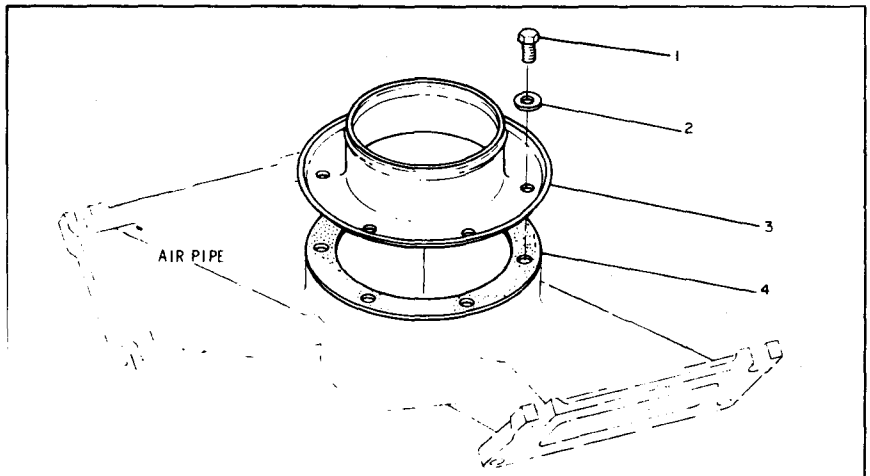
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2N1572	MUFFLER ASSEM.	2
2	L1143	BOLT	8
3	4B4278	WASHER	8
4	1D4717	NUT	8
5	8L9795	FLANGE	2
6	9M6878	GASKET	2

106806

2N1646 MUFFLER GROUP
Also part of 1W540 Muffler Group shown on Page 142

		CONSISTS OF:	PAGE
1	9N3848	LIFTING GROUP	95
1	1N4746	EXHAUST PIPE GROUP	138
2	3K3124	MUFFLER	
2	2F5152	CLAMP--PIPE GROUP TO MUFFLER	
2	S1571	BOLT--CLAMP	
2	1D4717	NUT--BOLT TO CLAMP	
4	5M2894	WASHER--BOLT TO CLAMP	
2	1W91	STRAP--MUFFLER TO FLYWHEEL HOUSING	
2	1V7801	SPACER--STRAP TO FLYWHEEL HOUSING	
2	1D4566	BOLT--STRAP TO FLYWHEEL HOUSING	
2	2M849	WASHER--BOLT TO STRAP	

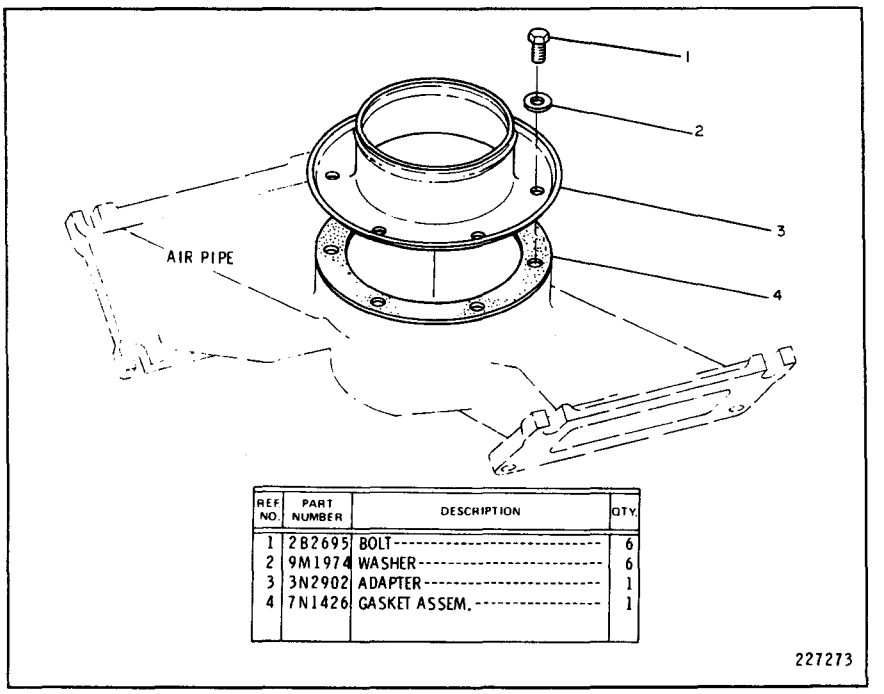
1W540 MUFFLER GROUP
AN ATTACHMENT



REF NO	PART NUMBER	DESCRIPTION	QTY.
1	2B2695	BOLT	6
2	9M1974	WASHER	6
3	3N2902	ADAPTER	1
4	3N2903	GASKET	1

227352

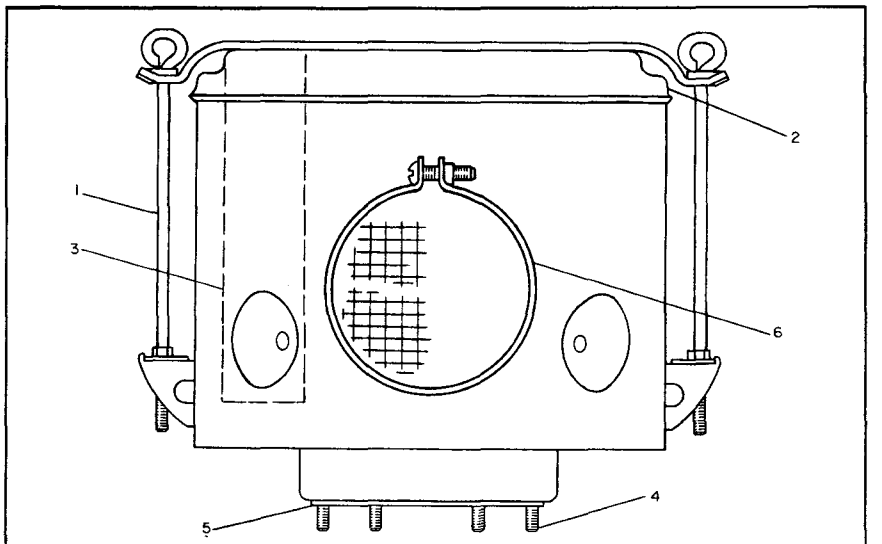
3N2915 AIR CLEANER ADAPTER GROUP
ALSO AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	2B2695	BOLT	6
2	9M1974	WASHER	6
3	3N2902	ADAPTER	1
4	7N1426	GASKET ASSEM.	1

227273

9N3846 AIR CLEANER ADAPTER GROUP



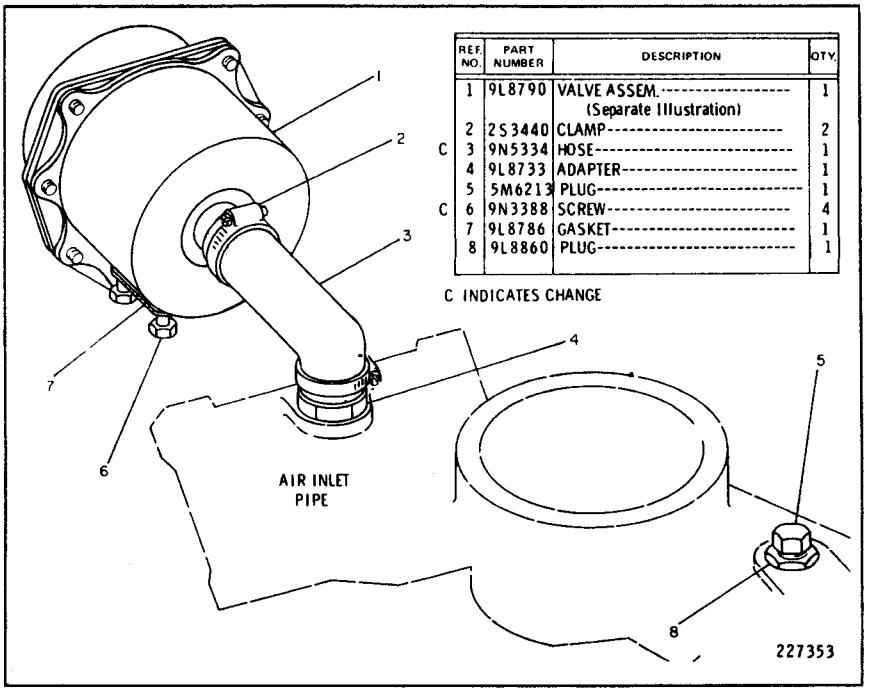
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2S4704	ROD ASSEM.	2
2	8N722	COVER ASSEM.	1

	REF. NO.	PART NUMBER	DESCRIPTION	QTY
	3	7N1225	ELEMENT ASSEM.	1
	4	2B2695	BOLT	6
		9M1974	WASHER	6
	5	7N1426	GASKET	1
C	6	5L7874	SCREEN	1

C INDICATES CHANGE

175311

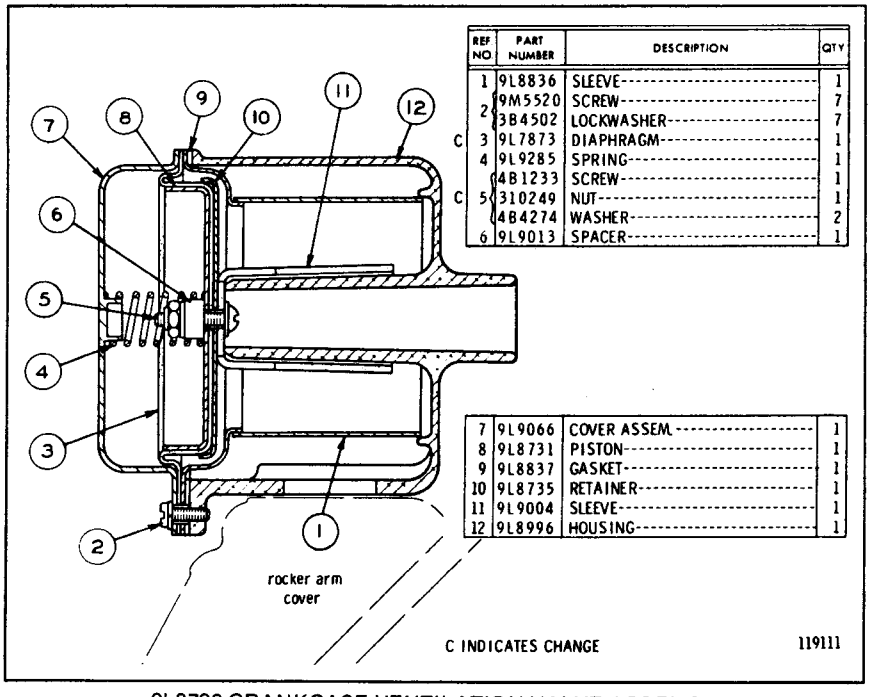
8N4670 AIR CLEANER GROUP
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9L8790	VALVE ASSEM. (Separate Illustration)	1
2	2S3440	CLAMP	2
C 3	9N5334	HOSE	1
4	9L8733	ADAPTER	1
5	5M6213	PLUG	1
C 6	9N3388	SCREW	4
7	9L8786	GASKET	1
8	9L8860	PLUG	1

C INDICATES CHANGE

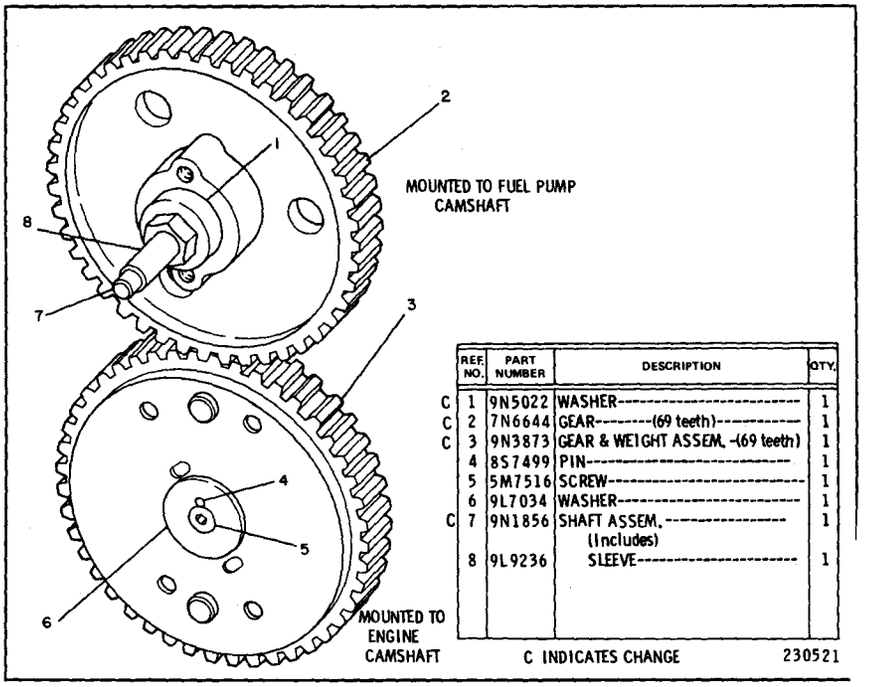
9N735 POSITIVE CRANKCASE VENTILATION VALVE GROUP
9L8790 Valve parts are shown on Page 144



REF NO.	PART NUMBER	DESCRIPTION	QTY
1	9L8836	SLEEVE	1
2	9M5520	SCREW	7
	3B4502	LOCKWASHER	7
C 3	9L7873	DIAPHRAGM	1
4	9L9285	SPRING	1
	4B1233	SCREW	1
C 5	310249	NUT	1
	4B4274	WASHER	2
6	9L9013	SPACER	1
7	9L9066	COVER ASSEM.	1
8	9L8731	PISTON	1
9	9L8837	GASKET	1
10	9L8735	RETAINER	1
11	9L9004	SLEEVE	1
12	9L8996	HOUSING	1

C INDICATES CHANGE

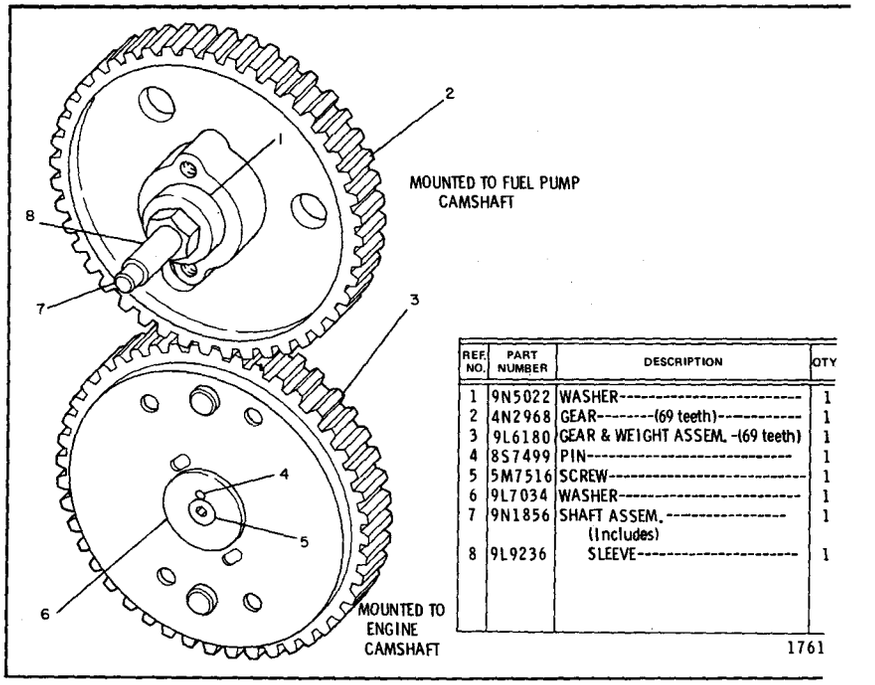
9L8790 CRANKCASE VENTILATION VALVE ASSEMBLY
Part of 7N735 Positive Crankcase Ventilation Valve Group shown on Page 144



	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C	1	9N5022	WASHER	1
C	2	7N6644	GEAR--------(69 teeth)----------	1
C	3	9N3873	GEAR & WEIGHT ASSEM. -(69 teeth)	1
	4	8S7499	PIN	1
	5	5M7516	SCREW	1
	6	9L7034	WASHER	1
C	7	9N1856	SHAFT ASSEM. (Includes)	1
	8	9L9236	SLEEVE	1

C INDICATES CHANGE 230521

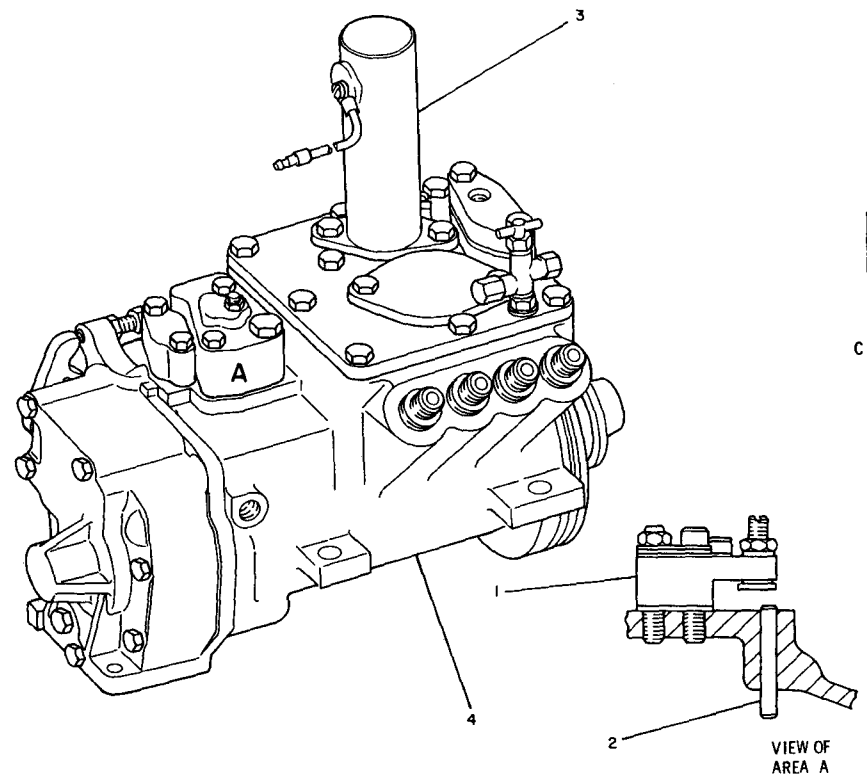
9N740 GOVERNOR & FUEL PUMP DRIVE GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9N5022	WASHER	1
2	4N2968	GEAR--------(69 teeth)----------	1
3	9L6180	GEAR & WEIGHT ASSEM. -(69 teeth)	1
4	8S7499	PIN	1
5	5M7516	SCREW	1
6	9L7034	WASHER	1
7	9N1856	SHAFT ASSEM. (Includes)	1
8	9L9236	SLEEVE	1

1761

9N6124 GOVERNOR AND FUEL PUMP DRIVE GROUP



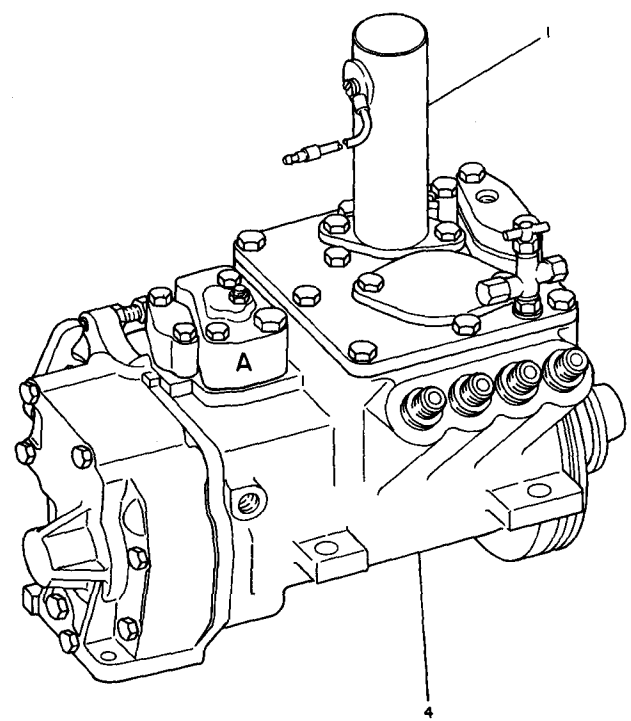
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6N509	CONTROL GROUP---------- (Separate Illustration)	1
2	4N443	PIN----------	1
3	9N683	SHUT-OFF GROUP----------	1
C 4	8N5636	FUEL INJECTION PUMP GROUP---- (Separate Illustration)	1

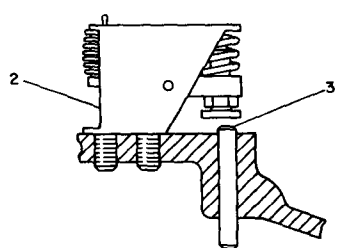
C INDICATES CHANGE

9N3757 GOVERNOR AND FUEL INJECTION PUMP GROUP
8N5636 Pump, 6N509 Control and 9N683 Shut-Off parts are shown on Pages 158, 176 and 193

8N5904 GOVERNOR AND FUEL INJECTION PUMP GROUP

8N5903 Pump, 8N2901 Control and 9N683 Shut-Off parts are shown on Pages 159, 176 and 193

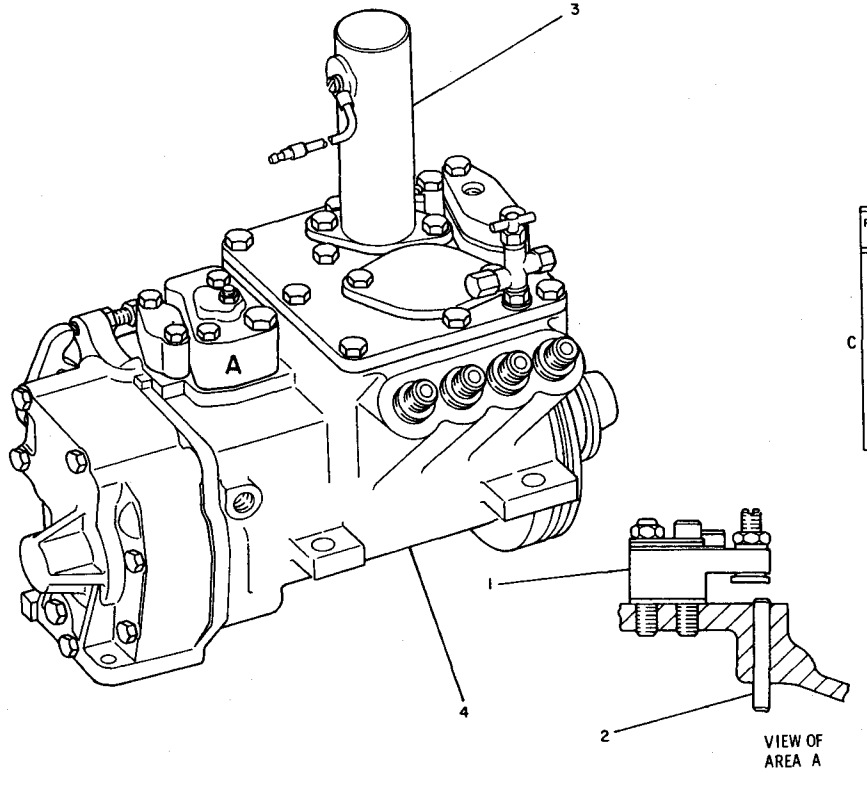




VIEW OF AREA A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9N683	SHUT-OFF GROUP	1
2	8N2901	CONTROL GROUP (Separate Illustration)	1
3	4N443	PIN	1
4	8N5903	FUEL INJECTION PUMP GROUP (Separate Illustration)	1

176185



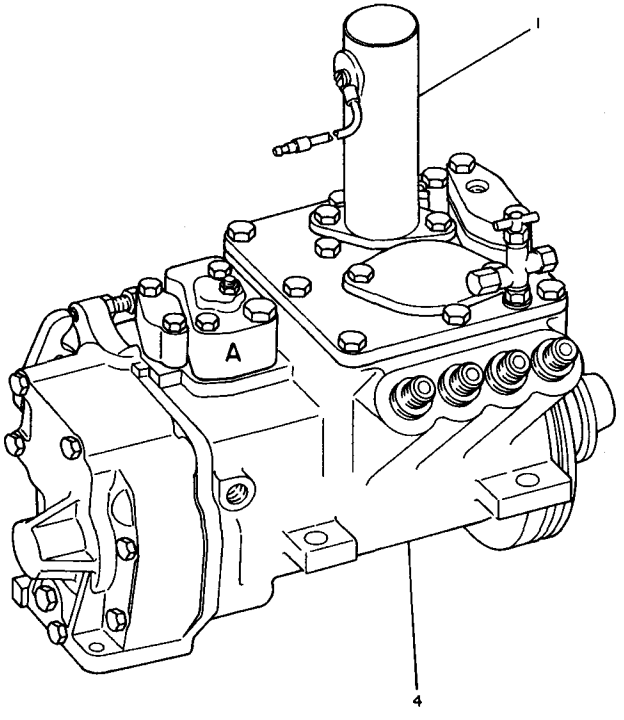
	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
	1	6N509	CONTROL GROUP---------- (Separate Illustration)	1
	2	4N443	PIN----------	1
	3	9N683	SHUT-OFF GROUP----------	1
C	4	8N8593	FUEL INJECTION PUMP GROUP---- (Separate Illustration)	1

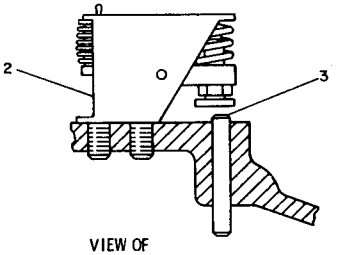
C INDICATES CHANGE

8N1046 GOVERNOR AND FUEL INJECTION PUMP GROUP
8N8593 Pump, 6N509 Control and 9N683 Shut-Off parts are shown on Pages 161, 176 and 193

8N5908 GOVERNOR AND FUEL INJECTION PUMP GROUP

8N5907 Pump, 8N2901 Control and 9N683 Shut-Off parts are shown on Pages 163, 176 and 193

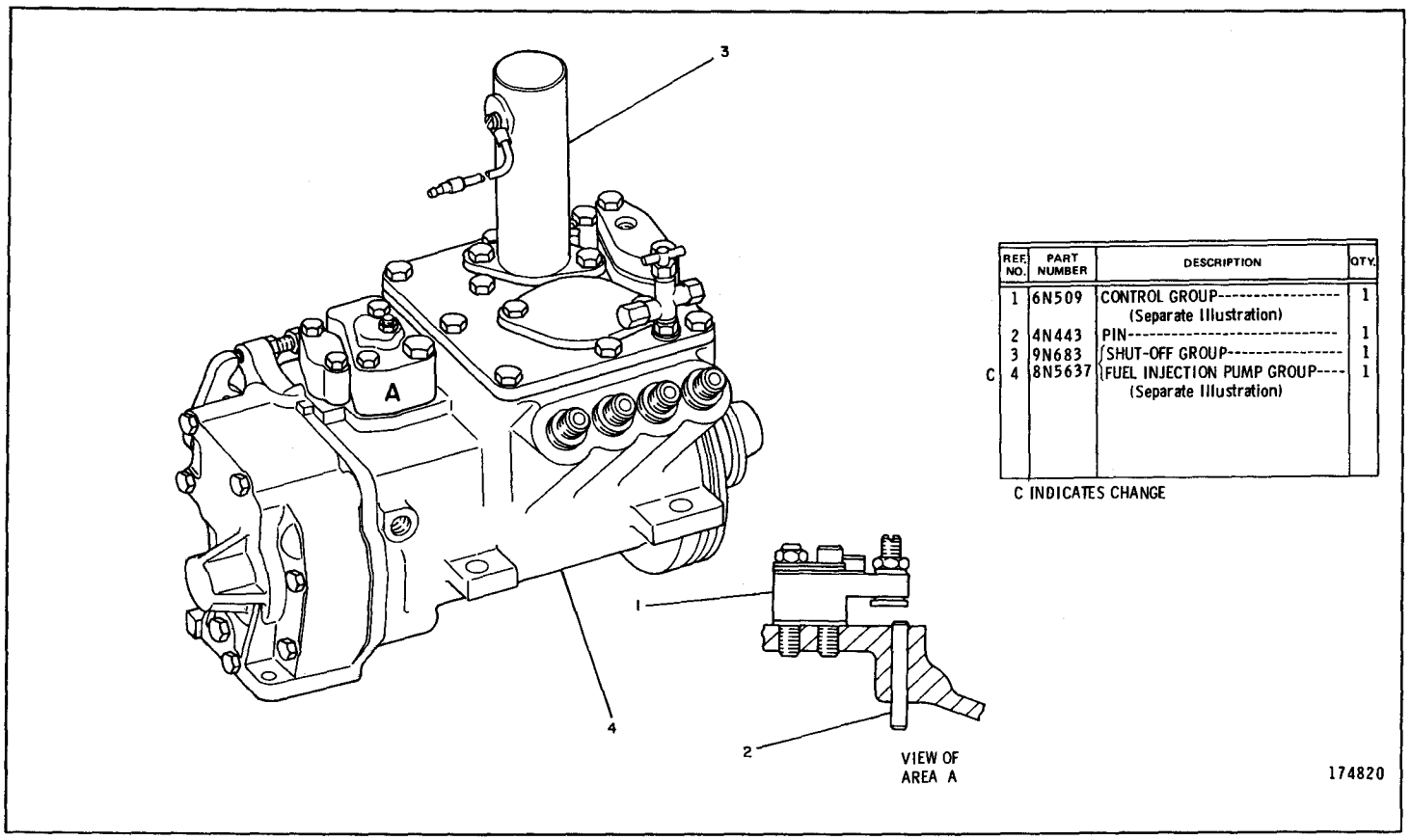




VIEW OF AREA A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9N683	SHUT-OFF GROUP	1
2	8N2901	CONTROL GROUP (Separate Illustration)	1
3	4N443	PIN	1
4	8N5907	FUEL INJECTION PUMP GROUP (Separate Illustration)	1

176179



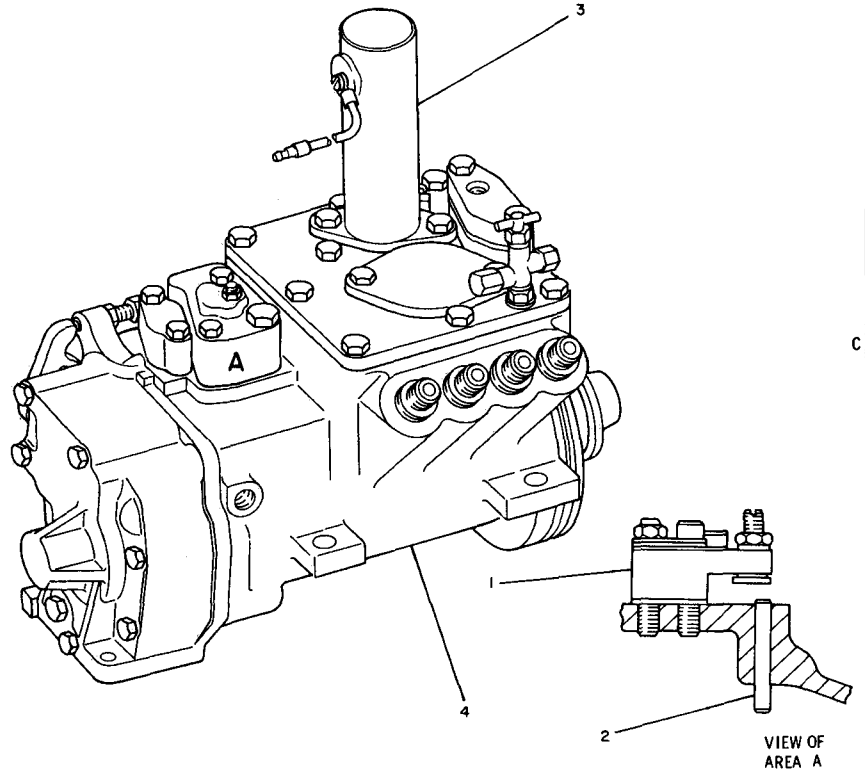
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6N509	CONTROL GROUP---------- (Separate Illustration)	1
2	4N443	PIN----------	1
3	9N683	SHUT-OFF GROUP----------	1
C 4	8N5637	FUEL INJECTION PUMP GROUP---- (Separate Illustration)	1

C INDICATES CHANGE

8N1038 GOVERNOR AND FUEL INJECTION PUMP GROUP
8N5637 Pump, 6N509 Control and 9N683 Shut-Off parts are shown on Pages 164, 176 and 193

8N1037 GOVERNOR AND FUEL INJECTION PUMP GROUP

8N8594 Pump, 6N509 Control and 9N683 Shut-Off parts are shown on Page 165, 176 and 193

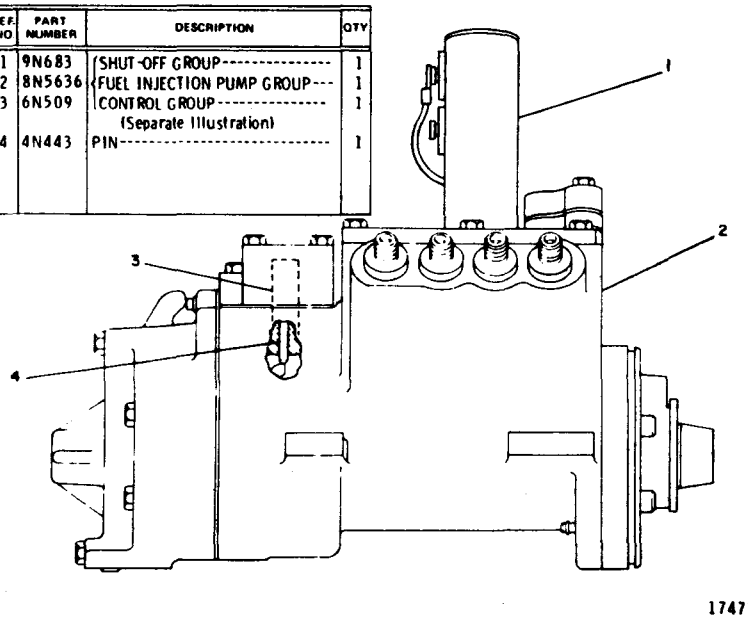


	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
	1	6N509	CONTROL GROUP---------- (Separate Illustration)	1
	2	4N443	PIN----------	1
	3	9N683	SHUT-OFF GROUP----------	1
C	4	8N8594	FUEL INJECTION PUMP GROUP---- (Separate Illustration)	1

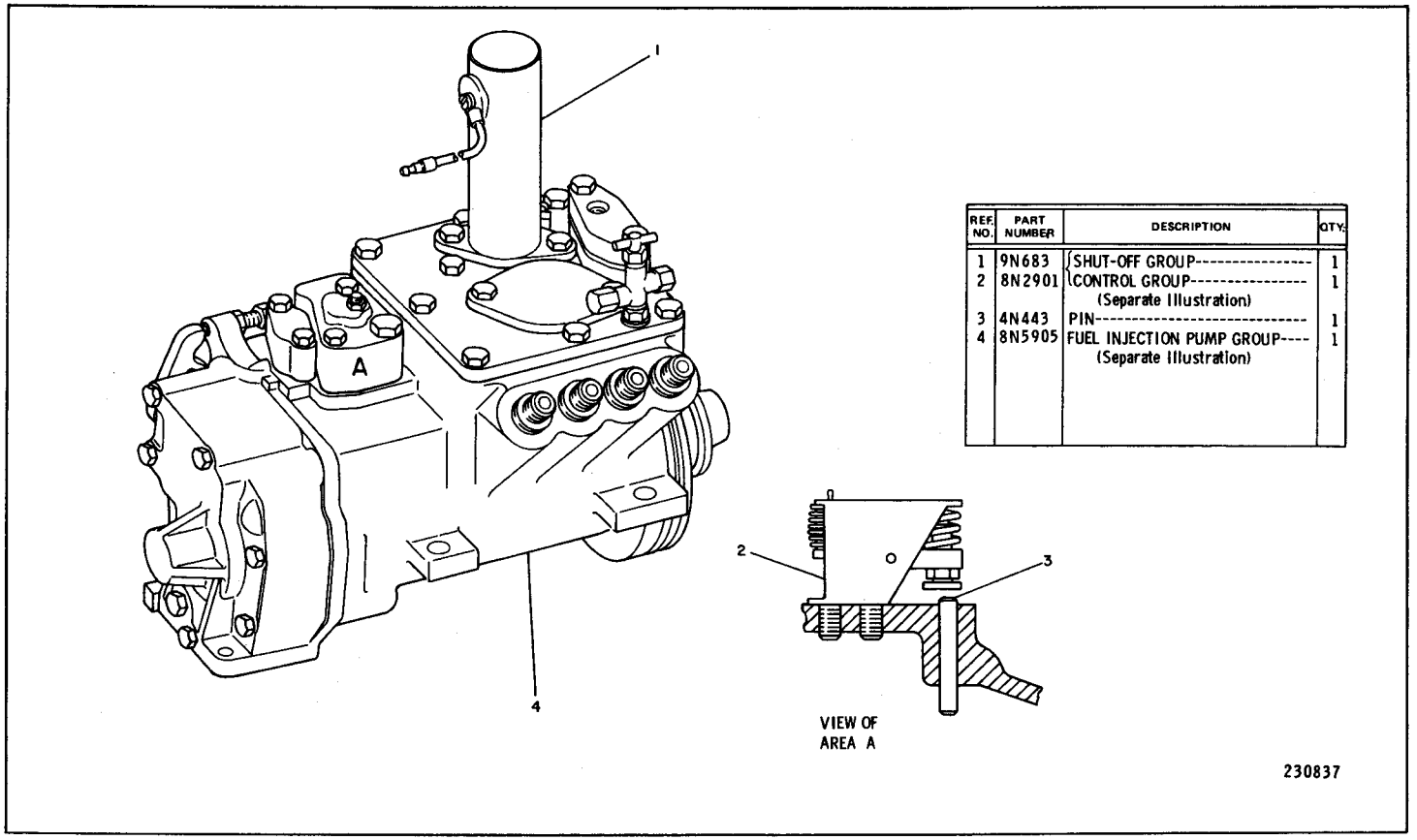
C INDICATES CHANGE

174809

REF. NO	PART NUMBER	DESCRIPTION	QTY
1	9N683	SHUT-OFF GROUP	1
2	8N5636	FUEL INJECTION PUMP GROUP	1
3	6N509	CONTROL GROUP (Separate Illustration)	1
4	4N443	PIN	1



8N5639 GOVERNOR AND FUEL INJECTION PUMP GROUP
8N5636 Pump, 6N509 Control and 9N683 Shut-Off parts are shown on Pages 158, 176 and 193

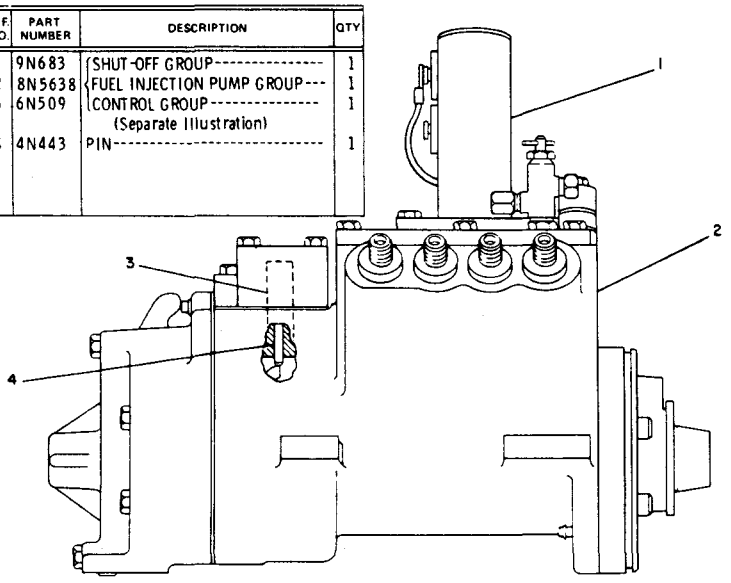


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9N683	SHUT-OFF GROUP	1
2	8N2901	CONTROL GROUP (Separate Illustration)	1
3	4N443	PIN	1
4	8N5905	FUEL INJECTION PUMP GROUP (Separate Illustration)	1

8N5906 GOVERNOR AND FUEL INJECTION PUMP GROUP

8N5905 Pump, 8N2901 Control and 9N683 Shut-Off parts are shown on Pages 160, 176 and 193

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9N683	SHUT-OFF GROUP	1
C 2	8N5638	FUEL INJECTION PUMP GROUP	1
3	6N509	CONTROL GROUP (Separate Illustration)	1
4	4N443	PIN	1

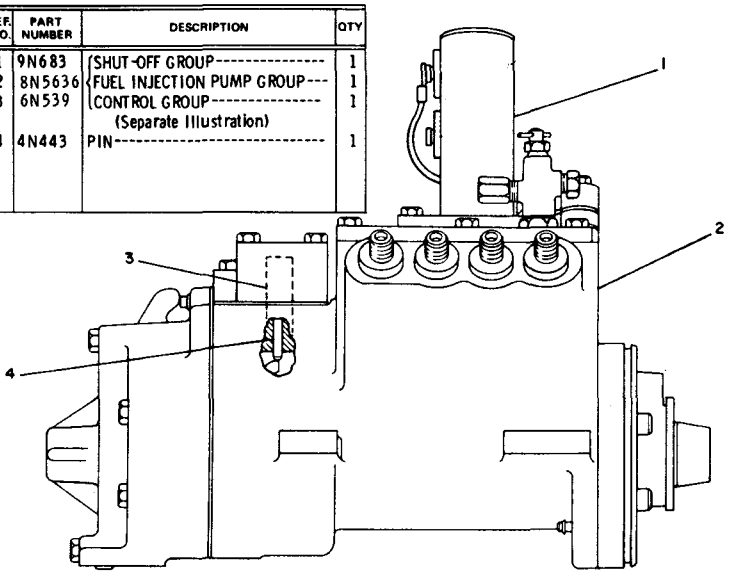


C INDICATES CHANGE

176475

8N1041 GOVERNOR & FUEL INJECTION PUMP GROUP
8N5638 Pump, 6N509 Control and 9N683 Shut-Off parts are shown on Page 162, 176 and 193

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9N683	SHUT-OFF GROUP	1
2	8N5636	FUEL INJECTION PUMP GROUP	1
3	6N539	CONTROL GROUP (Separate Illustration)	1
4	4N443	PIN	1



227278

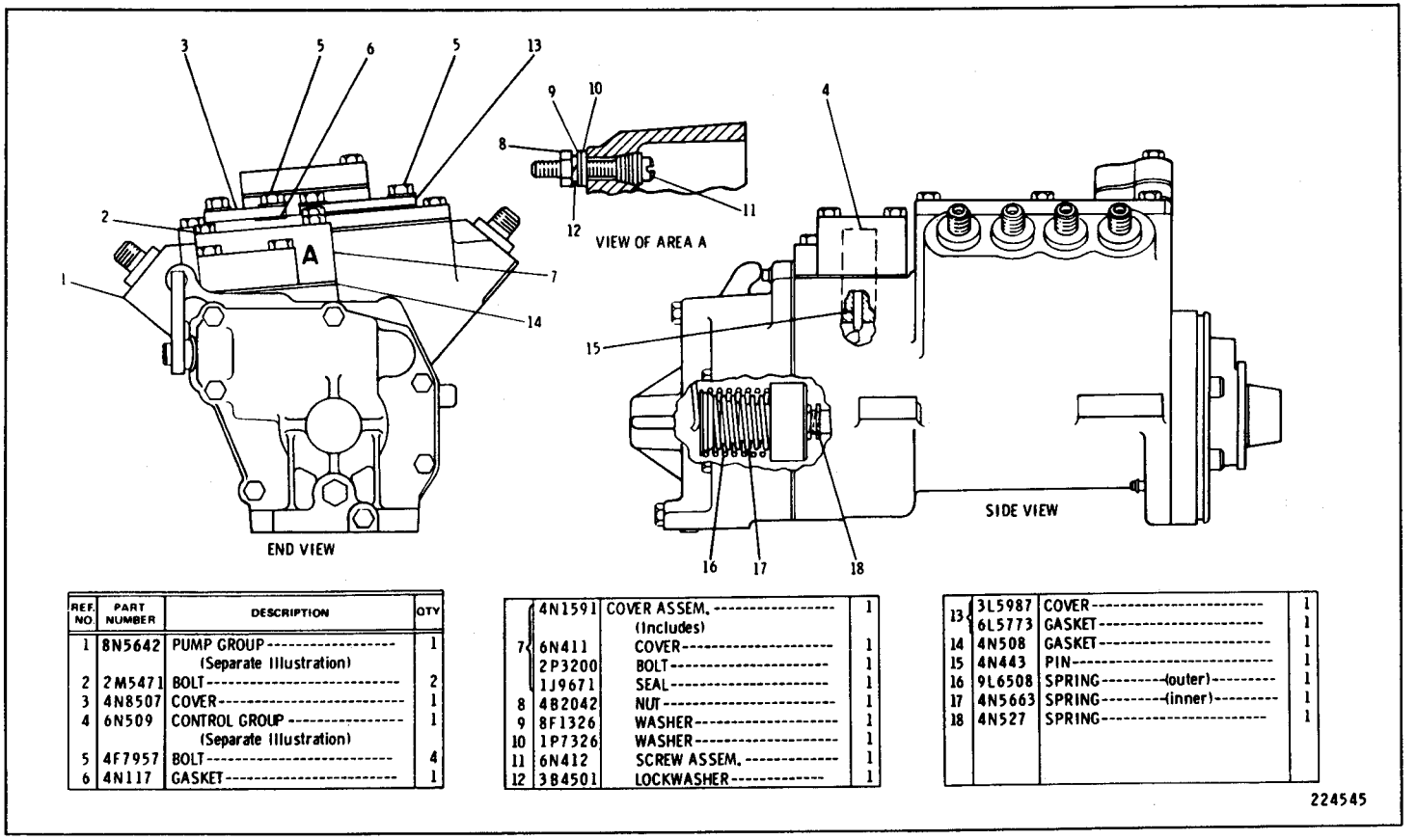
8N9280 GOVERNOR AND FUEL INJECTION PUMP GROUP
8N5636 Pump, 6N539 Control and 9N683 Shut-Off parts are shown on Pages 158, 177 and 192

		CONSISTS OF:	PAGE
1	8N5652	GOVERNOR & FUEL INJECTION PUMP GROUP ...	156
1	7N3807	SPRING (HIGH IDLE--3 YELLOW STRIPES)	
1	6N2129	SPRING (HIGH IDLE--2 PINK STRIPES)	
1	4N6119	SPRING (HIGH IDLE--3 GREEN STRIPES)	
1	4N5661	SPRING (HIGH IDLE--2 WHITE STRIPES)	
1	6N6662	SPRING--OVER FUELING	
1	4N556	GASKET--GOVERNOR HOUSING	
1	4N532	GASKET--IDLE SCREW COVER	
1	4N508	GASKET--TORQUE SPRING COVER	
1	9N2435	GASKET--TORQUE SPRING COVER WITH EGR	
2	9L7630	GASKET--CROSS OVER PIPE	
3	9L7235	SHIM--.991 MM (.039 IN.) THICK	
1	9L9347	SHIM--.508 MM (.020 IN.) THICK	
3	4N7777	SPACER--.254 MM (.010 IN.) THICK	
1	4N9098	SPACER--5.08 MM (.200 IN.) THICK	
6	8L8601	SPACER--.051 MM (.002 IN.) THICK	
1	7N7856	BAR--6.35 MM (.250 IN.) THICK	
1	5S2619	TORQUE SPRING--.254 MM (.010 IN.) THICK	
1	9L3625	TORQUE SPRING--.559 MM (.022 IN.) THICK	
1	8M8157	SEAL--GOVERNOR HOUSING TO CYLINDER BLOCK	
1	9M9729	SEAL--FUEL PUMP HOUSING	
1	8M5661	SEAL--TACHOMETER DRIVE	
1	.....	FORM SMHS7365	

8N5651 GOVERNOR AND FUEL INJECTION PUMP GROUP—Field Installation Provides Field Replacement for 9N3757, 8N1046, 8N1038, 8N1037, 8N1041 and 8N9280 Governor and Fuel Injection Pump Groups shown on Pages 146, 148, 150, 151 and 153 when used in conjunction with 9N683 Shut-Off Group shown on Page 193

		CONSISTS OF:	PAGE
1	8N5886	GOVERNOR AND FUEL INJECTION PUMP GROUP .	157
1	4N556	GASKET--GOVERNOR HOUSING	
1	4N532	GASKET--IDLE SCREW COVER	
1	4N508	GASKET--TORQUE SPRING COVER	
1	9N2435	GASKET--TORQUE SPRING COVER	
2	9L7630	GASKET--CROSSOVER PIPE	
3	9L7235	SHIM	
3	4N7777	SPACER	
1	4N9098	SPACER	
1	1P6453	BAR	
6	8L8601	SPACER	
1	5S2619	SPRING	
1	9L9347	SHIM	
1	8M8157	SEAL--GOVERNOR HOUSING TO CYLINDER BLOCK	
1	9M9729	SEAL--FUEL PUMP HOUSING	
1	8M5661	SEAL--TACHOMETER DRIVE	
1	7N3807	SPRING--GOVERNOR HIGH IDLE	
1	6N2129	SPRING--GOVERNOR HIGH IDLE	
1	4N6119	SPRING--GOVERNOR HIGH IDLE	
1	4N5661	SPRING--GOVERNOR HIGH IDLE	
1	6N6662	SPRING--OVER FUELING	

8N5887 GOVERNOR AND FUEL INJECTION PUMP GROUP—Field Installation Provides Field Replacement for 8N5904, 8N5908 and 8N5906 Governor and Fuel Injection Pump Groups shown on Pages 147, 149 and 152 when use in conjunction with 9N683 Shut-Off Group shown on Page 193



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8N5642	PUMP GROUP (Separate Illustration)	1
2	2M5471	BOLT	2
3	4N8507	COVER	1
4	6N509	CONTROL GROUP (Separate Illustration)	1
5	4F7957	BOLT	4
6	4N117	GASKET	1

7	4N1591	COVER ASSEM. (Includes)	1
	6N411	COVER	1
	2P3200	BOLT	1
	1J9671	SEAL	1
8	4B2042	NUT	1
9	8F1326	WASHER	1
10	1P7326	WASHER	1
11	6N412	SCREW ASSEM.	1
12	3B4501	LOCKWASHER	1

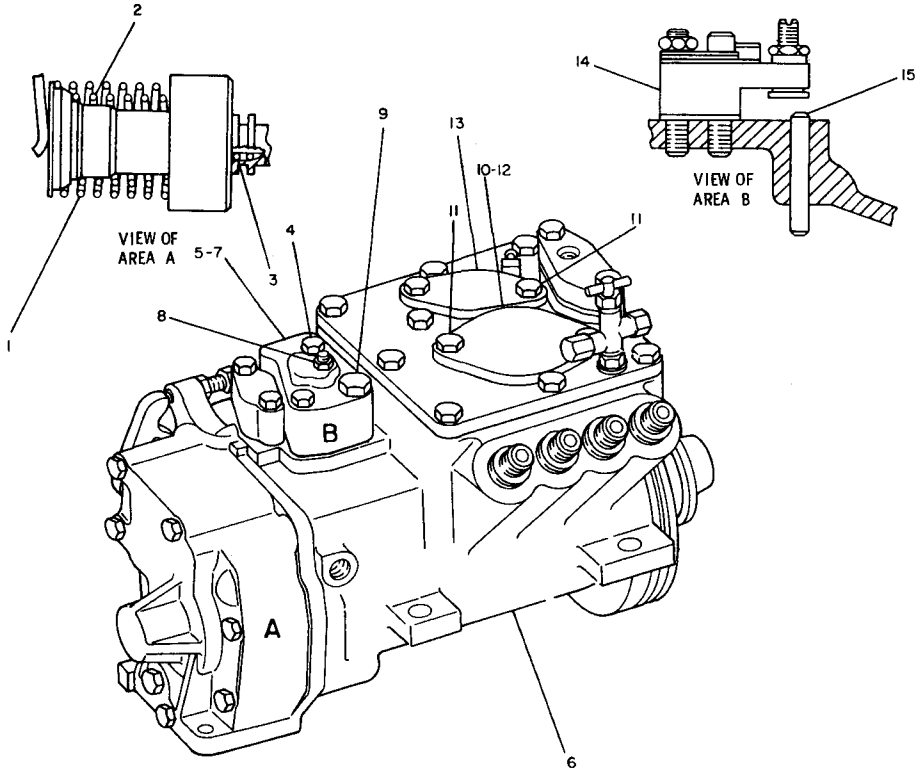
13	3L5987	COVER	1
	6L5773	GASKET	1
14	4N508	GASKET	1
15	4N443	PIN	1
16	9L6508	SPRING (outer)	1
17	4N5663	SPRING (inner)	1
18	4N527	SPRING	1

224545

8N5652 GOVERNOR AND FUEL INJECTION PUMP GROUP
Part of 8N5651 Governor and Fuel Injection Pump Group shown on Page 154
8N5642 Pump and 6N509 Control parts are shown on Pages 166 thru 170 and 178

8N5886 GOVERNOR AND FUEL INJECTION PUMP GROUP

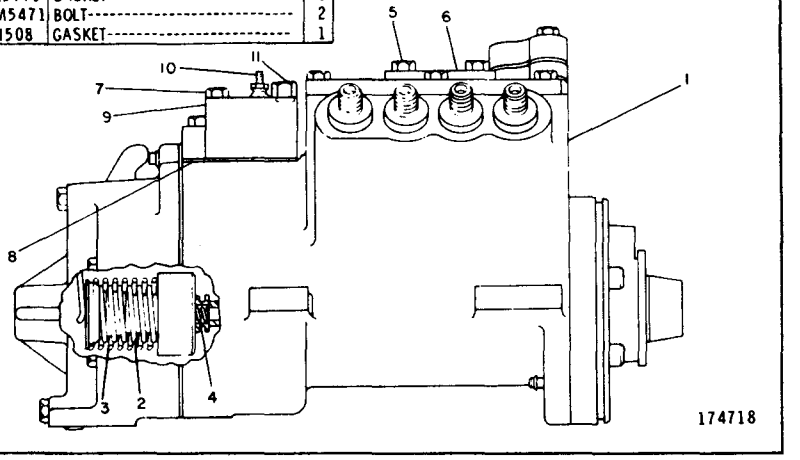
Part of 8N5887 Governor and Fuel Injection Pump Group shown on Page 155
8N5902 Pump and 6N509 Control parts are shown on Pages 171 thru 175 and 176



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9L6508	SPRING------(Outer)----------	1
2	4N5663	SPRING------(Inner)----------	1
3	4N527	SPRING----------	1
4	2M5471	BOLT----------	2
5	4N508	GASKET----------	1
6	8N5902	FUEL INJECTION PUMP GROUP---- (Separate Illustration)	1
7	4N1591	COVER ASSEM.---------- (Includes)	1
	6N411	COVER----------	1
8	6N412	MACHINE SCREW----------	1
	4B2042	NUT----------	1
	3B4501	LOCKWASHER----------	1
	1P7326	WASHER-1.52mm(.06 in.)thick	1
	8F1326	WASHER-.813mm(.032 in.)thick	1
9	2P3200	BOLT----------	1
	1J9671	SEAL----------	1
10	3L5987	COVER----------	1
11	4F7957	BOLT----------	4
12	6L5773	GASKET----------	1
13	4N8507	COVER----------	1
	4N117	GASKET----------	1
14	6N509	CONTROL GROUP---------- (Separate Illustration)	1
15	4N443	PIN----------	1

230839

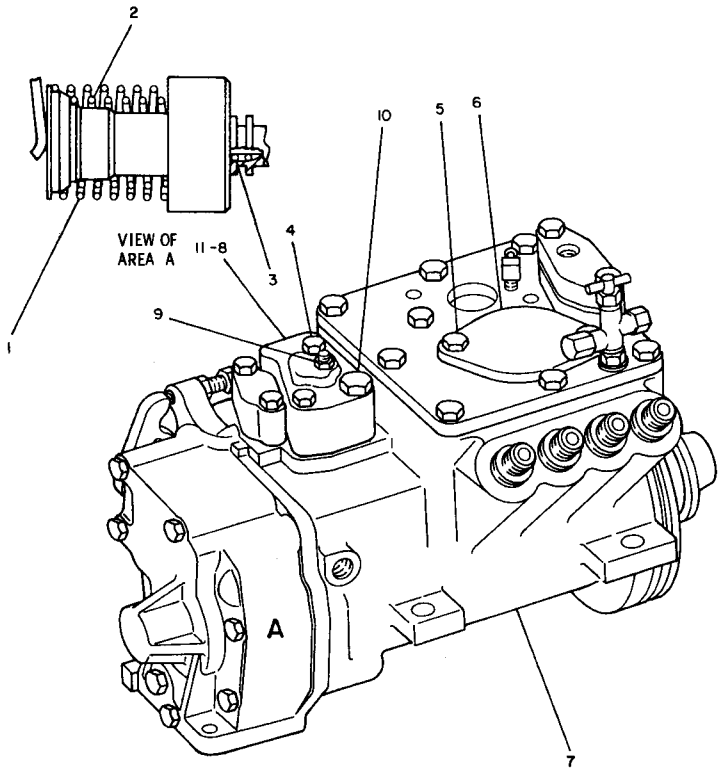
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8N5642	FUEL INJECTION PUMP GROUP---- (Separate Illustration)	1
2	4N5663	SPRING------(inner)----------	1
3	9L6508	SPRING----(outer)----------	1
4	4N527	SPRING----------	1
5	4F7957	BOLT----------	2
6	3L5987	COVER----------	1
	6L5773	GASKET----------	1
7	2M5471	BOLT----------	2
8	4N508	GASKET----------	1
9	4N1591	COVER ASSEM. ---------- (Includes)	1
	6N411	COVER----------	1
	6N412	MACHINE SCREW----------	1
10	4B2042	NUT----------	1
	3B4501	LOCKWASHER----------	1
	1P7326	WASHER--1.52 mm(.06 in.)	1
	8F1326	WASHER-.813 mm(.032 in.)	1
11	2P3200	BOLT----------	1
	1J9671	SEAL----------	1



8N5636 GOVERNOR AND FUEL INJECTION PUMP GROUP
Part of 9N3757 and 8N9280 Governor and Fuel Injection Pump Groups shown on Pages 146 and 153. 8N5642 Pump parts are shown on Pages 166 thru 170

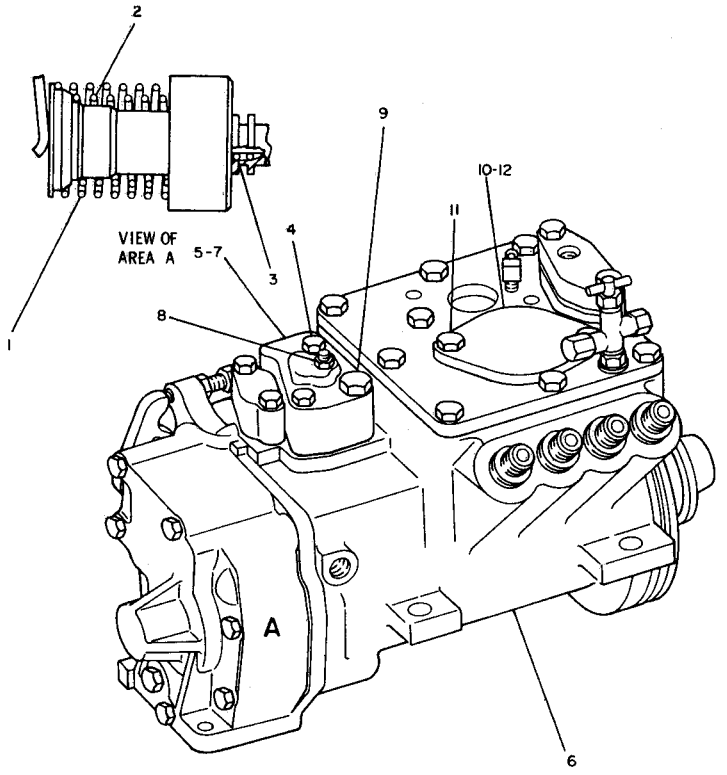
8N5903 GOVERNOR AND FUEL INJECTION PUMP GROUP

Part of 8N5904 Governor and Fuel Injection Pump Group shown on Page 147
8N5902 Pump parts are shown on Page 171 thru 175



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4N6119	SPRING-------(Outer)----------	1
2	4N5663	SPRING-------(Inner)----------	1
3	4N527	SPRING----------	1
4	2M5471	BOLT----------	2
5	4F7957	BOLT----------	2
6	3L5987	COVER----------	1
	6L5773	GASKET----------	1
7	8N5902	FUEL INJECTION PUMP GROUP---- (Separate Illustration)	1
8	4N1591	COVER ASSEM.---------- (Includes)	1
	6N411	COVER----------	1
9	6N412	MACHINE SCREW----------	1
	4B2042	NUT----------	1
	3B4501	LOCKWASHER----------	1
	1P7326	WASHER-1.52 mm(.06 in.)thick	1
	8F1326	WASHER-.813 mm(.032 in.)thick	1
10	2P3200	BOLT----------	1
	1J9671	SEAL----------	1
11	4N508	GASKET----------	1

176186



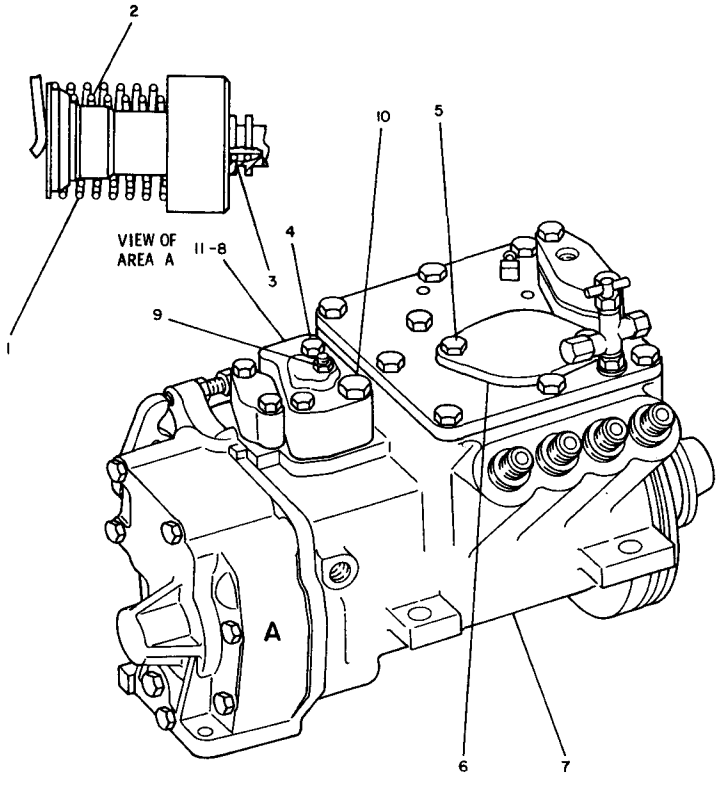
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9L6508	SPRING------(Outer)----------	1
2	4N5663	SPRING-----(Inner)----------	1
3	4N527	SPRING----------	1
4	2M5471	BOLT----------	2
5	4N508	GASKET----------	1
6	8N5902	FUEL INJECTION PUMP GROUP---- (Separate Illustration)	1
7	4N1591	COVER ASSEM.---------- (Includes)	1
	6N411	COVER----------	1
	6N412	MACHINE SCREW----------	1
	4B2042	NUT----------	1
8	3B4501	LOCKWASHER----------	1
	1P7326	WASHER-1.52mm(.06 in.)thick	1
	8F1326	WASHER-.813mm(.032 in.)thick	1
9	2P3200	BOLT----------	1
	1J9671	SEAL----------	1
10	3L5987	COVER----------	1
11	4F7957	BOLT----------	2
12	6L5773	GASKET----------	1

230838

8N5905 GOVERNOR AND FUEL INJECTION PUMP GROUP
Part of 8N5906 Governor and Fuel Injection Pump Group shown on Page 152
8N5902 Pump parts are shown on Pages 171 thru 175

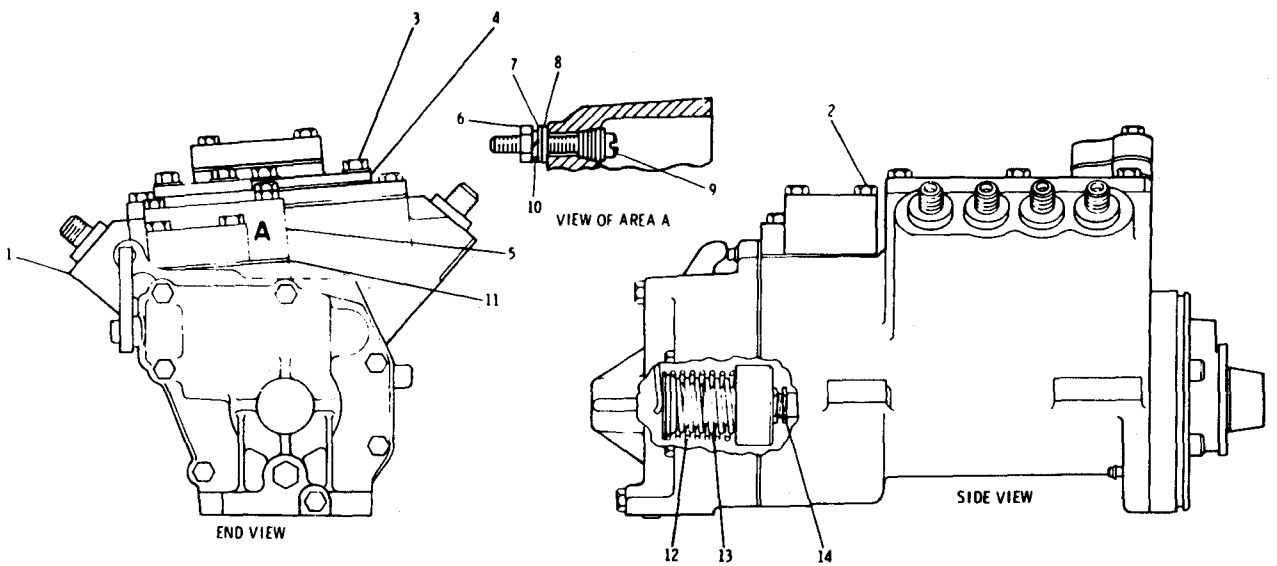
8N8593 GOVERNOR AND FUEL INJECTION PUMP GROUP

Part of 8N1046 Governor and Fuel Injection Pump Group shown on Page 148
8N5642 Pump parts are shown on Pages 166 thru 170



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4N5661	SPRING-------(Outer)----------	1
2	4N5663	SPRING-------(Inner)----------	1
3	4N527	SPRING----------	1
4	2M5471	BOLT----------	2
5	4F7957	BOLT----------	2
6	3L5987	COVER----------	1
	6L5773	GASKET----------	1
7	8N5642	FUEL INJECTION PUMP GROUP---- (Separate Illustration)	1
8	4N1591	COVER ASSEM.---------- (Includes)	1
	6N411	COVER----------	1
	6N412	MACHINE SCREW----------	1
	4B2042	NUT----------	1
9	3B4501	LOCKWASHER----------	1
	1P7326	WASHER-1.52 mm(.06 in.)thick	1
	8F1326	WASHER-.813 mm(.032 in.)thick	1
10	2P3200	BOLT----------	1
	1J9671	SEAL----------	1
11	4N508	GASKET----------	1

176890



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8N5642	PUMP GROUP---------- (Separate Illustration)	1
2	2M5471	BOLT----------	2
3	4F7957	BOLT----------	2
4	3L5987	COVER----------	1
	6L5773	GASKET----------	1

	4N1591	COVER ASSEM.---------- (Includes)	1
5	6N411	COVER----------	1
	2P3200	BOLT----------	1
	1J9671	SEAL----------	1
6	4B2042	NUT----------	1
7	8F1326	WASHER----------	1
8	1P7326	WASHER----------	1
9	6N412	SCREW ASSEM.----------	1
10	3B4501	LOCKWASHER----------	1

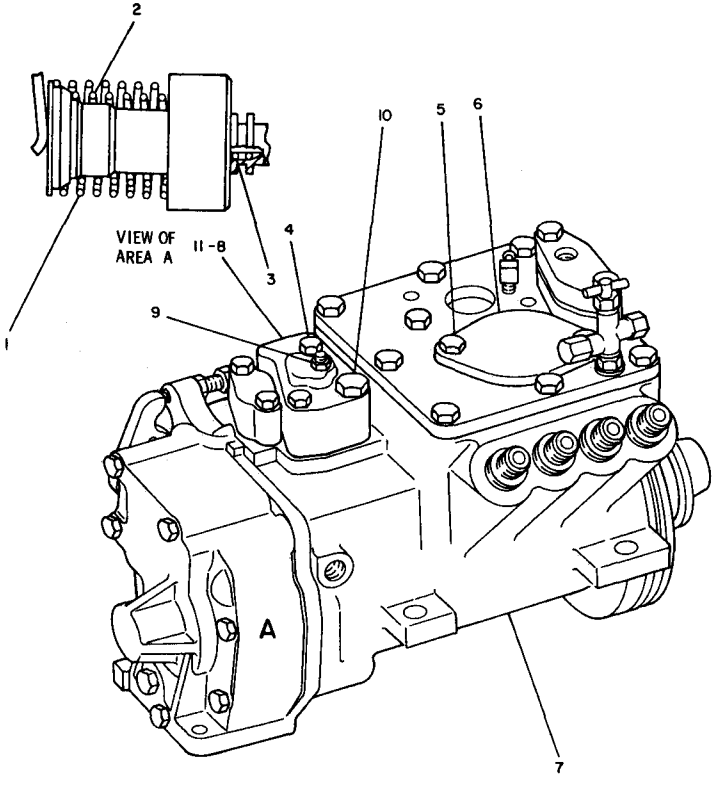
11	4N508	GASKET----------	1
12	6N2129	SPRING--------(outer)---------	1
13	4N5663	SPRING--------(inner)---------	1
14	4N527	SPRING----------	1

174722

8N5638 GOVERNOR AND FUEL INJECTION PUMP GROUP
Part of 8N1041 Governor and Fuel Injection Pump Group shown on Page 153
8N5642 Pump parts are shown on Pages 166 thru 170

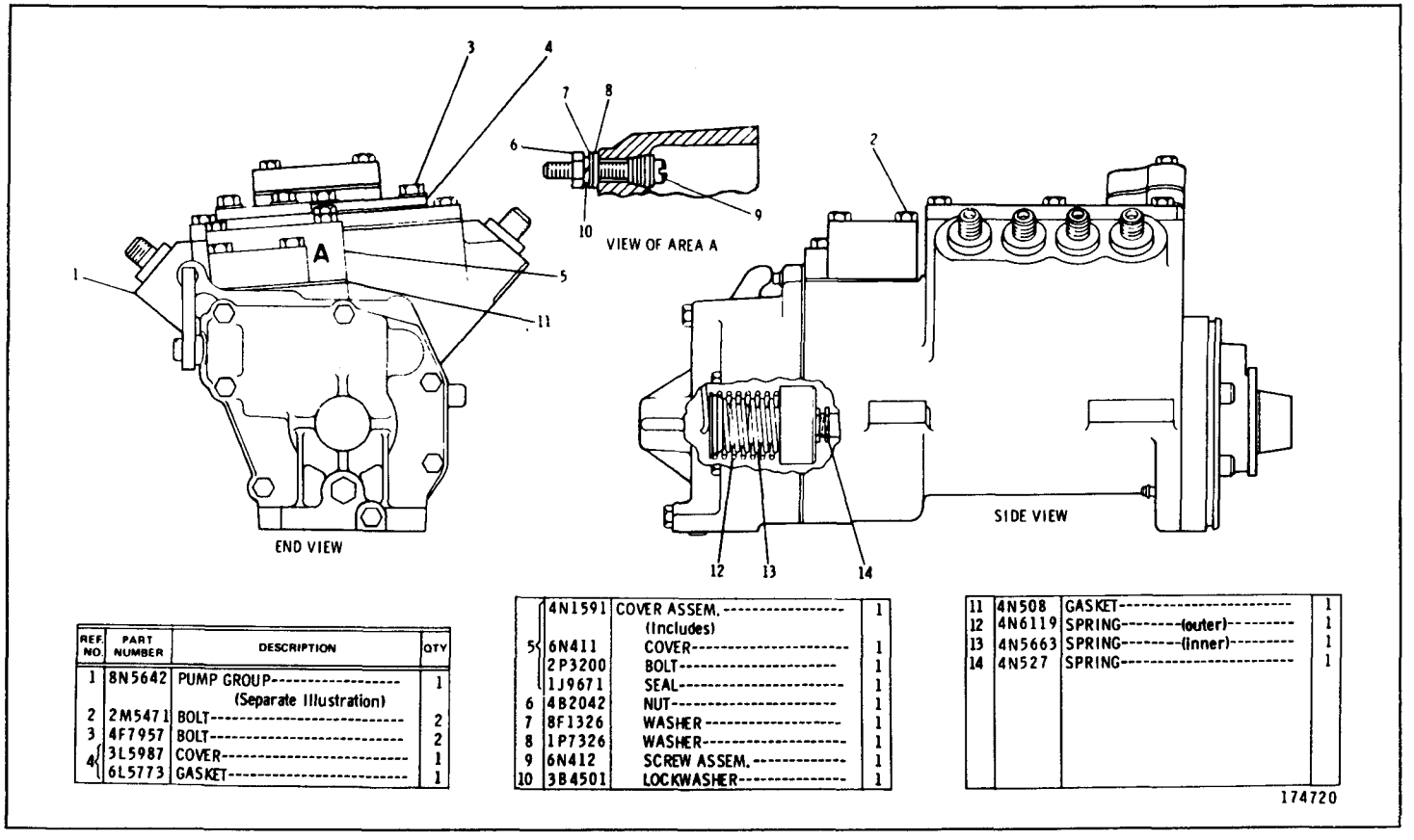
8N5907 GOVERNOR AND FUEL INJECTION PUMP GROUP

Part of 8N5908 Governor and Fuel Injection Pump Group shown on Page 149
8N5902 Pump parts are shown on Pages 171 thru 175



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6N2129	SPRING-------(Outer)----------	1
2	4N5663	SPRING-------(Inner)----------	1
3	4N527	SPRING----------	1
4	2M5471	BOLT----------	2
5	4F7957	BOLT----------	2
6	3L5987	COVER----------	1
	6L5773	GASKET----------	1
7	8N5902	FUEL INJECTION PUMP GROUP---- (Separate Illustration)	1
8	4N1591	COVER ASSEM. ---------- (Includes)	1
	6N411	COVER----------	1
	6N412	MACHINE SCREW----------	1
	4B2042	NUT----------	1
9	3B4501	LOCKWASHER----------	1
	1P7326	WASHER-1.52 mm(.06 in.)thick	1
	8F1326	WASHER-.813 mm(.032 in.)thick	1
10	2P3200	BOLT----------	1
	1J9671	SEAL----------	1
11	4N508	GASKET----------	1

176180

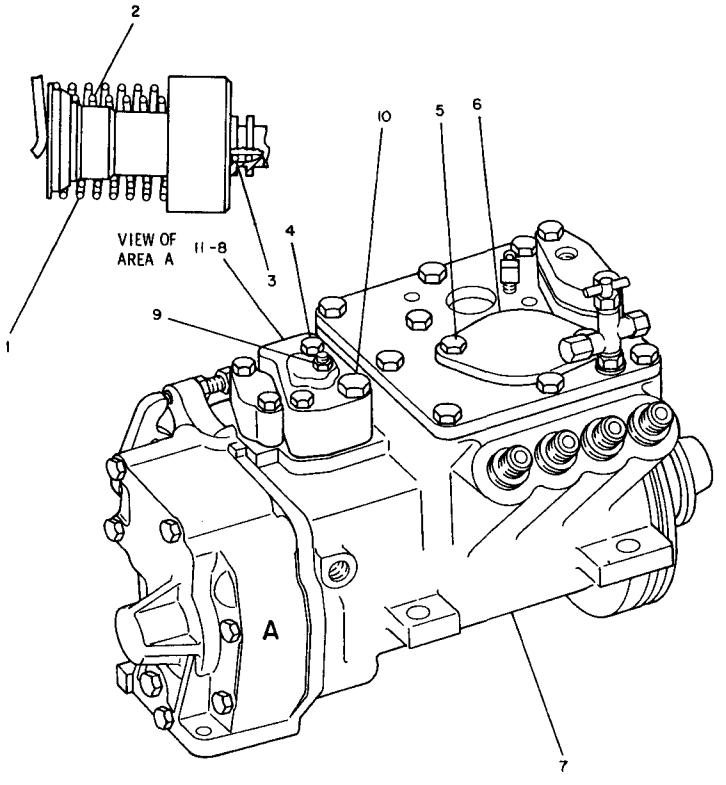


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8N5642	PUMP GROUP---------- (Separate Illustration)	1
2	2M5471	BOLT----------	2
3	4F7957	BOLT----------	2
4	3L5987	COVER----------	1
	6L5773	GASKET----------	1
5	4N1591	COVER ASSEM.---------- (Includes)	1
	6N411	COVER----------	1
	2P3200	BOLT----------	1
	1J9671	SEAL----------	1
6	4B2042	NUT----------	1
7	8F1326	WASHER----------	1
8	1P7326	WASHER----------	1
9	6N412	SCREW ASSEM.----------	1
10	3B4501	LOCKWASHER----------	1
11	4N508	GASKET----------	1
12	4N6119	SPRING--------(outer)---------	1
13	4N5663	SPRING--------(inner)---------	1
14	4N527	SPRING----------	1

174720

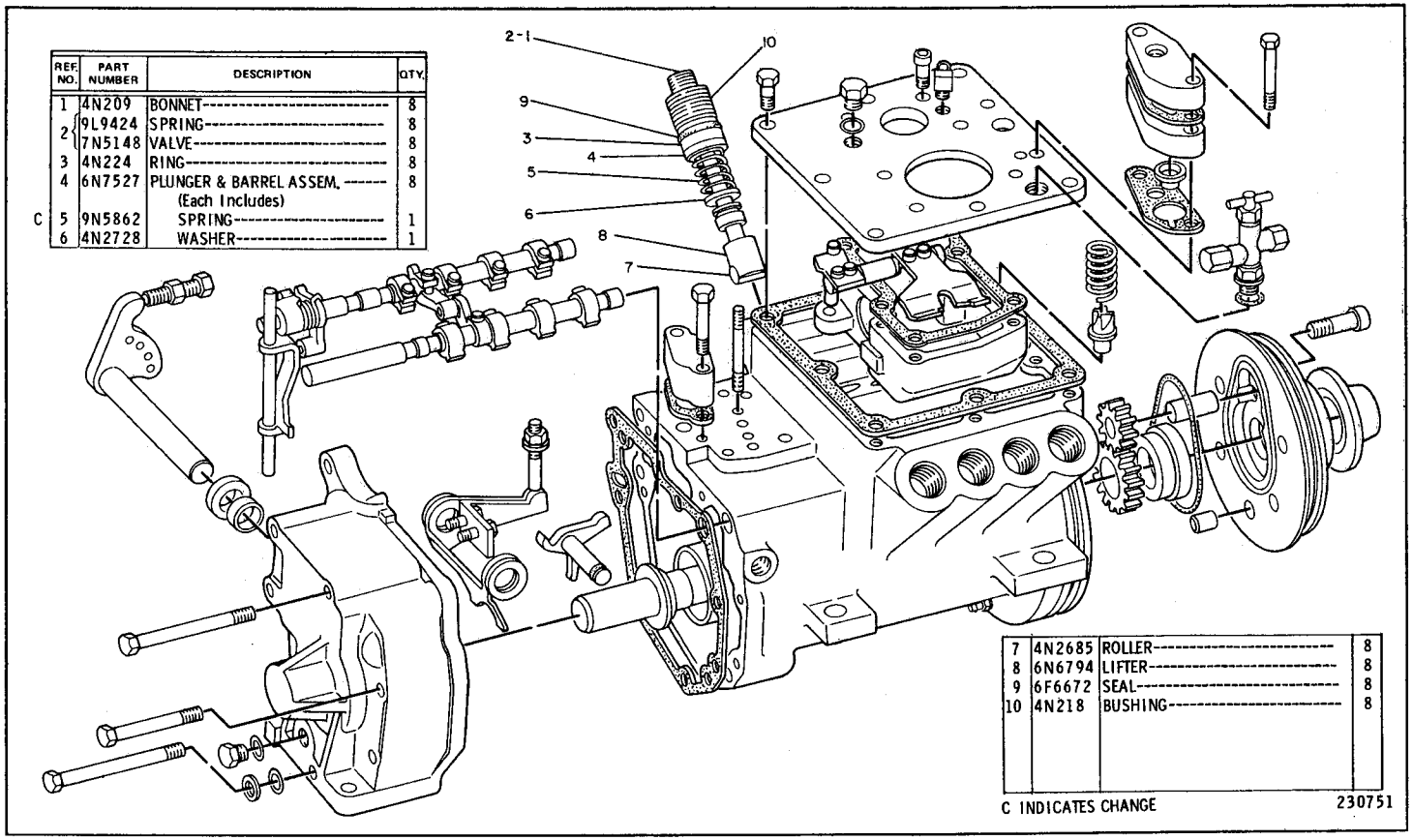
8N5637 GOVERNOR AND FUEL INJECTION PUMP GROUP
Part of 8N1038 Governor and Fuel Injection Pump Group shown on Page 150
8N5642 Pump parts are shown on Pages 166 through 170

8N8594 GOVERNOR AND FUEL INJECTION PUMP GROUP
Part of 8N1037 Governor and Fuel Injection Pump Group shown on Page 151
8N5642 Pump parts are shown on Pages 166 thru 170



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9L6508	SPRING-------(Outer)----------	1
2	4N5663	SPRING-------(Inner)----------	1
3	6N6662	SPRING----------	1
4	2M5471	BOLT----------	2
5	4F7957	BOLT----------	2
6	3L5987	COVER----------	1
	6L5773	GASKET----------	1
7	8N5642	FUEL INJECTION PUMP GROUP---- (Separate Illustration)	1
8	4N1591	COVER ASSEM.---------- (Includes)	1
	6N411	COVER----------	1
	6N412	MACHINE SCREW----------	1
	4B2042	NUT----------	1
9	3B4501	LOCKWASHER----------	1
	1P7326	WASHER-1.52 mm(.06 in.)thick	1
	8F1326	WASHER-.813 mm(.032 in.)thick	1
10	2P3200	BOLT----------	1
	1J9671	SEAL----------	1
11	4N508	GASKET----------	1

174821



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4N209	BONNET	8
2	9L9424	SPRING	8
	7N5148	VALVE	8
3	4N224	RING	8
4	6N7527	PLUNGER & BARREL ASSEM. (Each Includes)	8
C 5	9N5862	SPRING	1
6	4N2728	WASHER	1
7	4N2685	ROLLER	8
8	6N6794	LIFTER	8
9	6F6672	SEAL	8
10	4N218	BUSHING	8

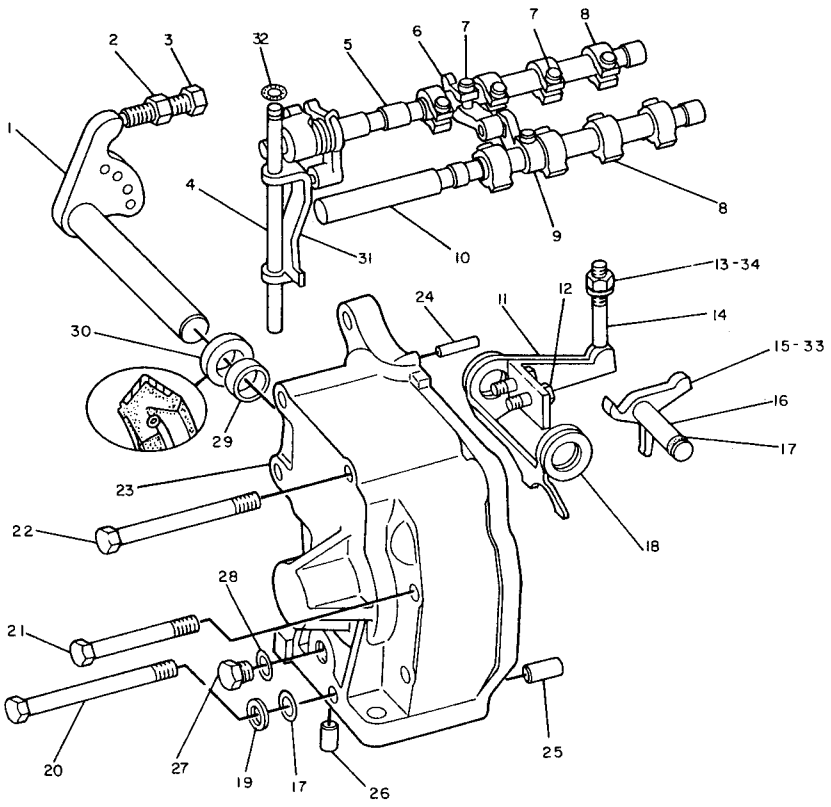
C INDICATES CHANGE

230751

8N5642 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 1 of 5
Part of 8N5652, 8N5636, 8N8593, 8N5638, 8N5637 and 8N8594 Governor and Fuel Injection Pump Groups shown on Pages 156, 158, 161, 162, 164 and 165

8N5642 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 2 of 5

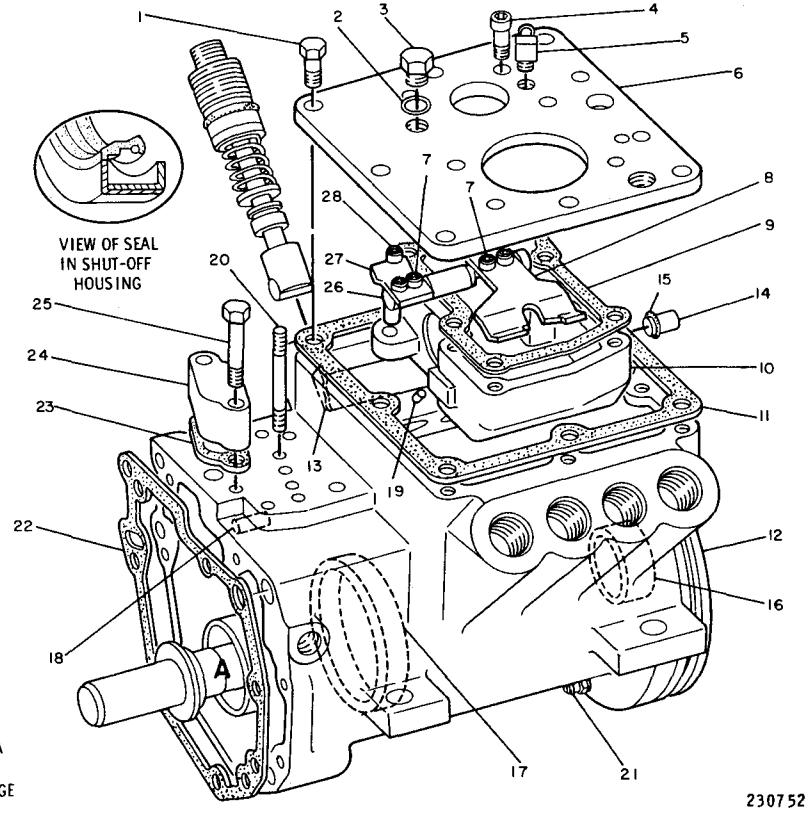
Part of 8N5652, 8N5636, 8N8593, 8N5638, 8N5637 and 8N8594 Governor and Fuel Injection Pump Groups
shown on Pages 156, 158, 161, 162, 164 and 165



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4N2773	SHAFT ASSEM.	1
2	1D4716	NUT	1
3	4N2708	BOLT	1
4	4N528	SHAFT	1
5	4N9828	SHAFT ASSEM.	1
6	4N3922	LEVER ASSEM.	1
7	2N2658	SCREW	10
8	4N1763	LEVER	8
9	4N563	LEVER	1
10	9L6807	SHAFT	1
11	4N1809	LEVER ASSEM.	1
12	310214	BOLT	2
13	9M1311	NUT	1
14	6N4176	SCREW	1
15	4N445	LEVER	1
16	4N523	DOWEL	1
17	2D6392	SEAL	2
18	4N3329	WASHER	2
19	6N7523	WASHER	1
20	8F8178	BOLT	1
21	1D4533	BOLT	3
22	2A4781	BOLT	3
C 23	8N3946	HOUSING ASSEM. (Includes)	1
24	4N2333	PIN	1
25	8S6814	DOWEL	2
26	9L9503	DOWEL	1
27	9S4182	PLUG	1
28	3J7354	SEAL	1
29	8N3945	BUSHING	1
30	4N2786	SEAL	1
31	4N2677	LEVER ASSEM.	1
32	3H442	SEAL	1
33	2M7819	RING	1
C 34	6L3921	WASHER	1

C INDICATES CHANGE 230512

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	S1615	BOLT	7
2	3J7354	SEAL	1
3	9S4182	PLUG	1
4	8H3127	BOLT	2
5	9S9332	FITTING	1
6	6N1729	COVER	1
7	6D3031	SCREW	4
8	4N941	LEVER	1
9	4N505	GASKET	1
10	4N935	SHUT-OFF HOUSING ASSEM. (Includes)	1
	4N3713	SEAL	1
11	4N595	GASKET	1
C 12	9N6318	HOUSING ASSEM. (Includes)	1
	9S4180	PLUG	1
	4J7533	SEAL	1
13	4N9150	DEFLECTOR	1
14	4N1826	DOWEL	2
15	2D6392	SEAL	2
16	5P4810	BEARING	1
17	8N628	BEARING	1
18	4N2333	PIN	1
19	8N984	PIN	8
20	4N5481	STUD	1
21	1P4001	FITTING	1
22	4N556	GASKET	1
23	4N532	GASKET	1
24	4N531	COVER	1
25	6L1756	BOLT	2
26	4N938	SHAFT	1
27	4N940	LEVER	1
28	4N937	SHAFT	1



FOR VIEW OF AREA A SEE PART 5

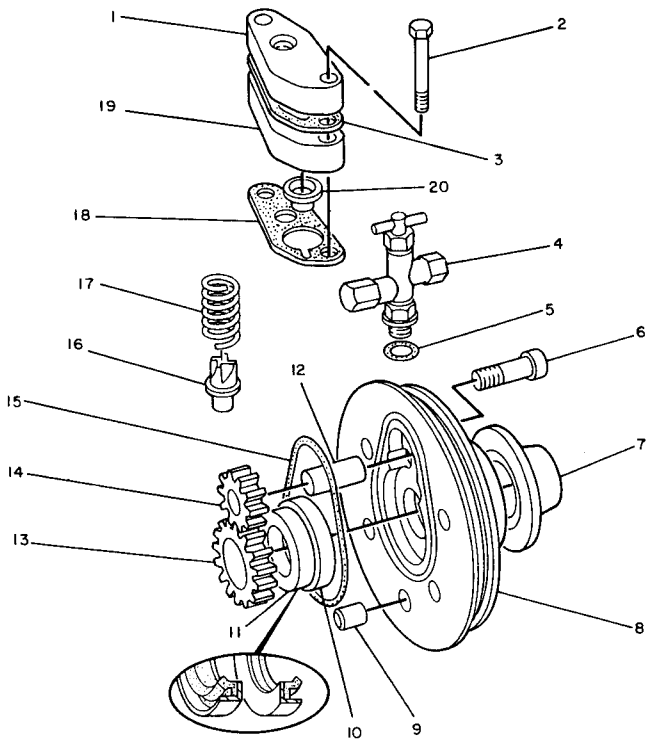
C INDICATES CHANGE

8N5642 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 3 of 5
Part of 8N5652, 8N5636, 8N8593, 8N5638, 8N5637 and 8N8594 Governor and Fuel Injection Pump Groups shown on Pages 156, 158, 161, 162, 164 and 165

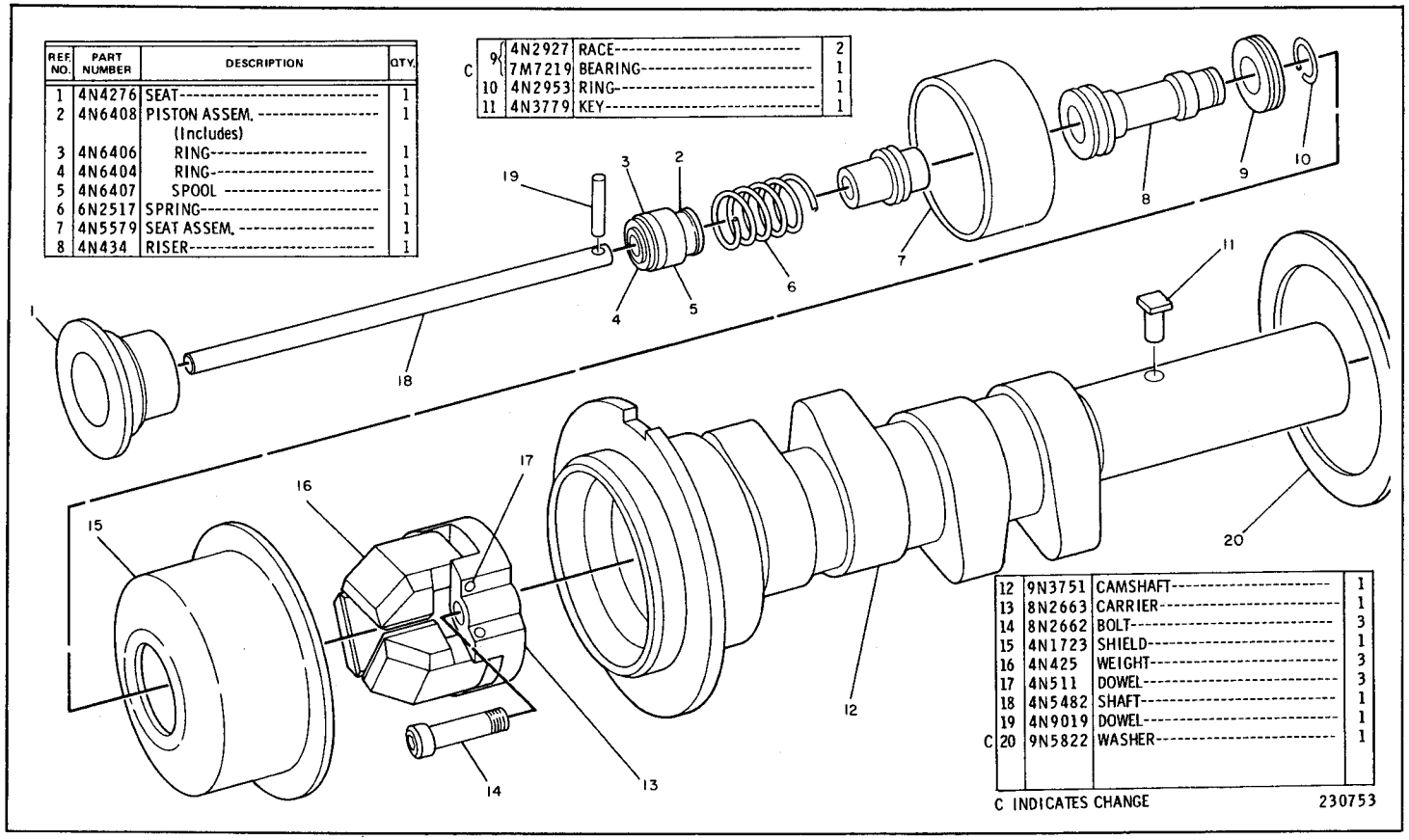
8N5642 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 4 of 5

Part of 8N5652, 8N5636, 8N8593, 8N5638, 8N5637 and 8N8594 Governor and Fuel Injection Pump Groups shown on Pages 156, 158, 161, 162, 164 and 165

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7N1359	FLANGE	1
2	2M5471	BOLT	2
3	4N3088	GASKET	1
4	6N1716	VALVE ASSEM.	1
5	3J7354	SEAL	1
6	9F6641	BOLT	4
7	4N2954	SLEEVE	1
8	4N1132	BODY ASSEM. (Includes)	1
9	8S6814	DOWEL	1
10	4N1584	SEAL	1
11	4N636	SEAL	1
12	8H9804	SHAFT	1
13	4N429	GEAR—(15 teeth)	1
14	4N406	GEAR—(10 teeth)	1
15	5M6509	SEAL	1
16	4N1767	VALVE	1
17	4N605	SPRING	1
18	4N975	GASKET	1
19	7N1364	FLANGE ASSEM. (Includes)	1
20	1P2298	VALVE ASSEM.	1



230513

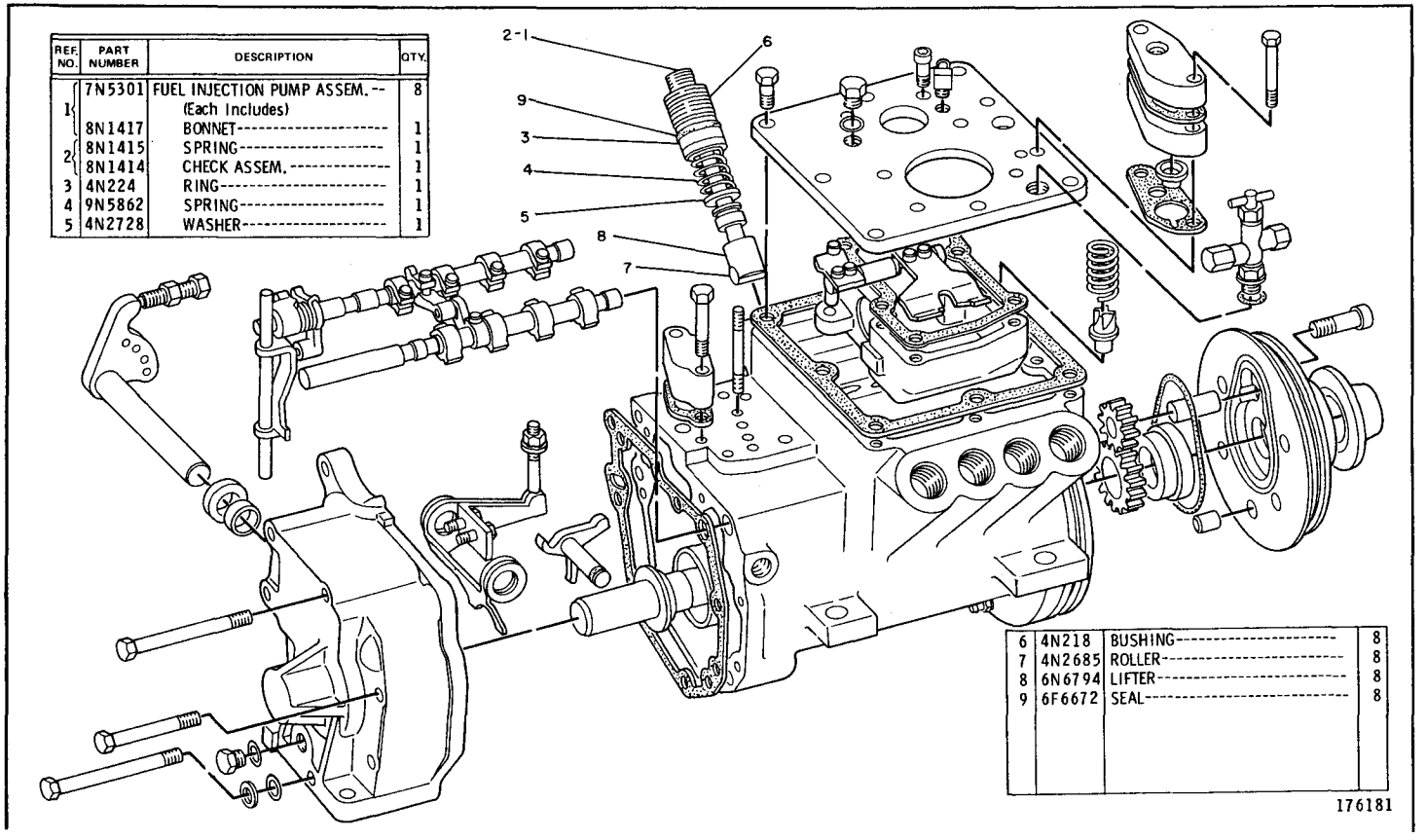


8N5642 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 5 of 5
Part of 8N5652, 8N5636, 8N8593, 8N5638, 8N5637 and 8N8594 Governor and Fuel Injection Pump Groups shown on Pages 156, 158, 161, 162, 164 and 165

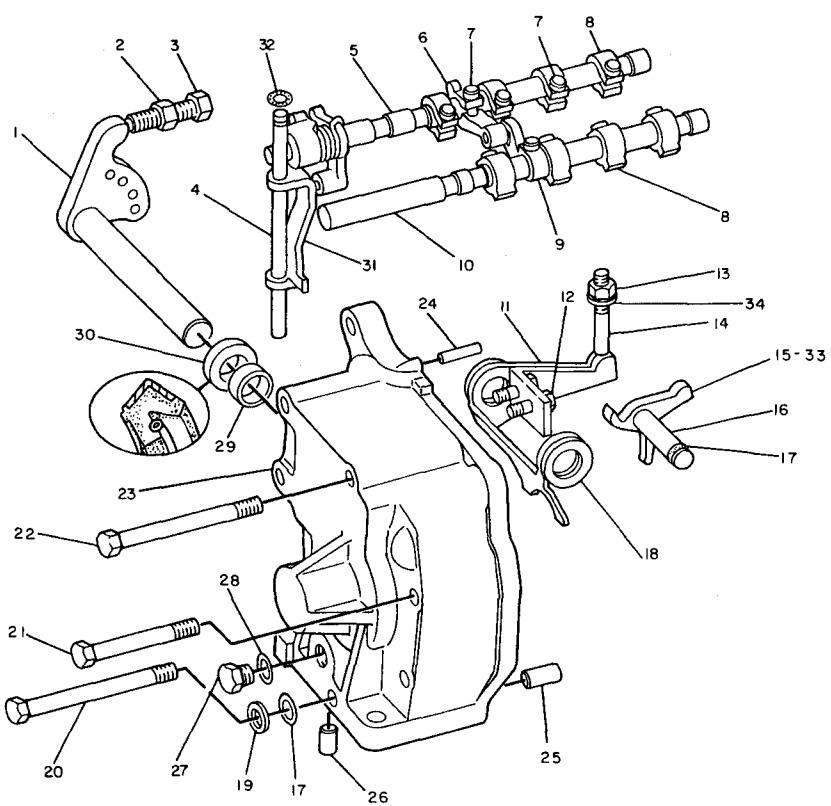
8N5902 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 1 of 5

Part of 8N5886, 8N5903, 8N5905 and 8N5907 Governor and Fuel Injection Pump Groups shown on Pages 157, 159, 160 and 163

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7N5301	FUEL INJECTION PUMP ASSEM.--(Each Includes)	8
1	8N1417	BONNET	1
2	8N1415	SPRING	1
2	8N1414	CHECK ASSEM.	1
3	4N224	RING	1
4	9N5862	SPRING	1
5	4N2728	WASHER	1
6	4N218	BUSHING	8
7	4N2685	ROLLER	8
8	6N6794	LIFTER	8
9	6F6672	SEAL	8



176181



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4N2773	SHAFT ASSEM.	1
2	1D4716	NUT	1
3	4N2708	BOLT	1
4	4N528	SHAFT	1
5	4N9828	SHAFT ASSEM.	1
6	4N3922	LEVER ASSEM.	1
7	2N2658	SCREW	10
8	4N1763	LEVER	8
9	4N563	LEVER	1
10	9L6807	SHAFT	1
11	4N1809	LEVER ASSEM.	1
12	310214	BOLT	2
13	9M1311	NUT	1
14	6N4176	SCREW	1
15	4N445	LEVER	1
16	4N523	DOWEL	1
17	2D6392	SEAL	2
18	4N3329	WASHER	2
19	6N7523	WASHER	1
20	8F8178	BOLT	1
21	1D4533	BOLT	3
22	2A4781	BOLT	3
23	8N3946	HOUSING ASSEM. (Includes)	1
24	4N2333	PIN	1
25	8S6814	DOWEL	2
26	9L9503	DOWEL	1
27	9S4182	PLUG	1
28	3J7354	SEAL	1
29	8N3945	BUSHING	1
30	4N2786	SEAL	1
31	4N2677	LEVER ASSEM.	1
32	3H442	SEAL	1
33	2M7819	RING	1
34	6L3921	WASHER	1

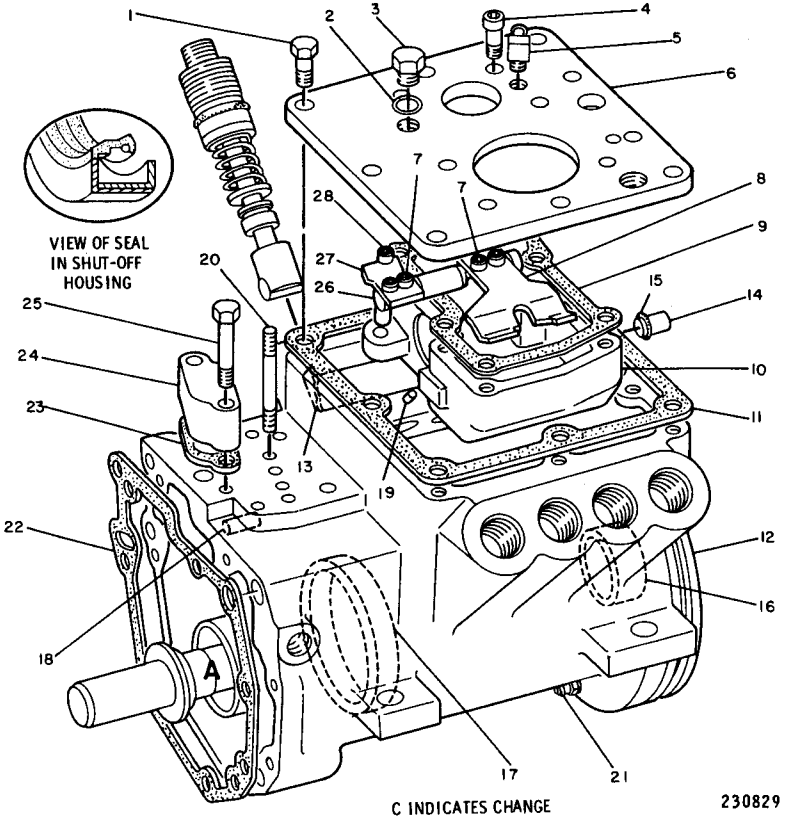
176182

8N5902 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 2 of 5
Part of 8N5886, 8N5903, 8N5905 and 8N5907 Governor and Fuel Injection Pump Groups
shown on Pages 157, 159, 160 and 163

8N5902 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 3 of 5

Part of 8N5886, 8N5903, 8N5905 and 8N5907 Governor and Fuel Injection Pump Groups shown on Pages 157, 159, 160 and 163

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	S1615	BOLT	7
2	3J7354	SEAL	1
3	9S4182	PLUG	1
4	8H3127	BOLT	2
5	9S9332	FITTING	1
6	6N1729	COVER	1
7	6D3031	SCREW	4
8	4N941	LEVER	1
9	4N505	GASKET	1
10	4N935	SHUT-OFF HOUSING ASSEM. (Includes)	1
	4N3713	SEAL	1
C 11	4N595	GASKET	1
C	9N6318	HOUSING ASSEM. (Includes)	1
12	9S4180	PLUG	1
	4J7533	SEAL	1
13	4N9150	DEFLECTOR	1
14	4N1826	DOWEL	2
15	2D6392	SEAL	2
16	5P4810	BEARING	1
17	8N628	BEARING	1
18	4N2333	PIN	1
19	8N984	PIN	8
20	4N5481	STUD	1
21	1P4001	FITTING	1
22	4N556	GASKET	1
23	4N532	GASKET	1
24	4N531	COVER	1
25	6L1756	BOLT	2
26	4N938	SHAFT	1
27	4N940	LEVER	1
28	4N937	SHAFT	1

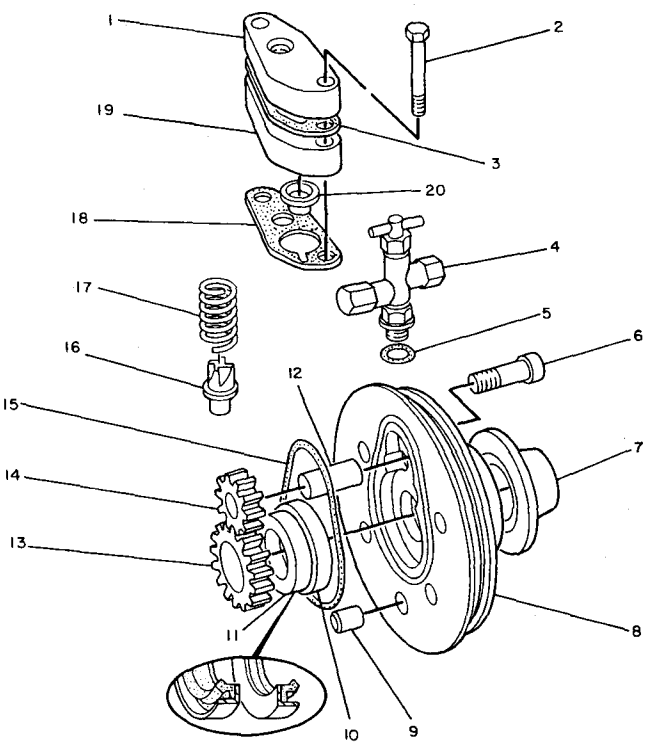


FOR VIEW OF AREA A SEE PART 5

C INDICATES CHANGE

230829

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7N1359	FLANGE	1
2	2M5471	BOLT	2
3	4N3088	GASKET	1
4	6N1716	VALVE ASSEM.	1
5	3J7354	SEAL	1
6	9F6641	BOLT	4
7	4N2954	SLEEVE	1
8	4N1132	BODY ASSEM. (Includes)	1
9	8S6814	DOWEL	1
10	4N1584	SEAL	1
11	4N636	SEAL	1
12	8H9804	SHAFT	1
13	4N429	GEAR--------(15 teeth)	1
14	4N406	GEAR--------(10 teeth)	1
15	5M6509	SEAL	1
16	4N1767	VALVE	1
17	4N605	SPRING	1
18	4N975	GASKET	1
19	7N1364	FLANGE ASSEM. (Includes)	1
20	1P2298	VALVE ASSEM.	1

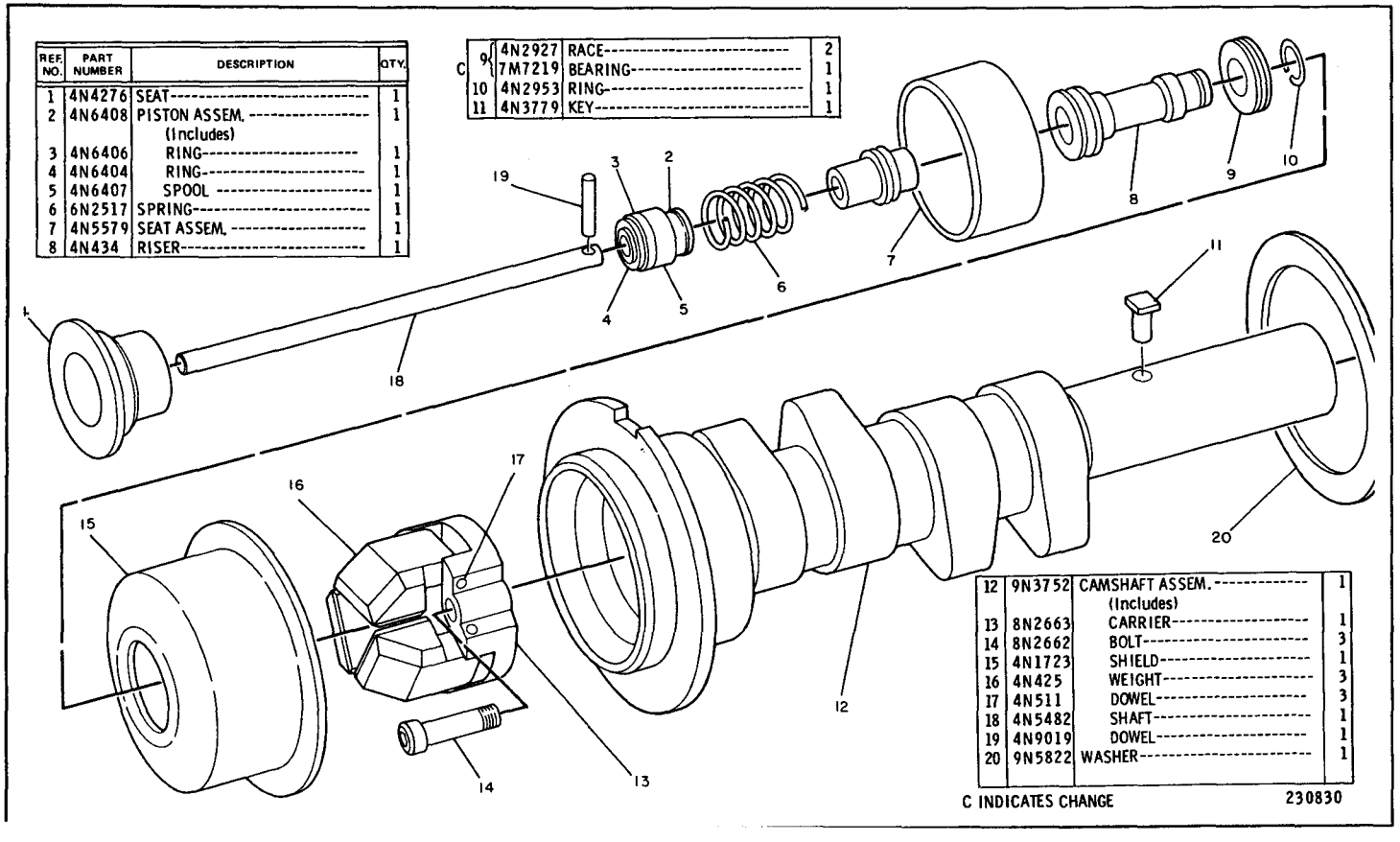


176184

8N5902 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 4 of 5
Part of 8N5886, 8N5903, 8N5905 and 8N5907 Governor and Fuel Injection Pump Groups
shown on Pages 157, 159, 160 and 163

8N5902 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 5 of 5
Part of 8N5886, 8N5903, 8N5905 and 8N5907 Governor and Fuel Injection Pump Groups
shown on Pages 157, 159, 160 and 163

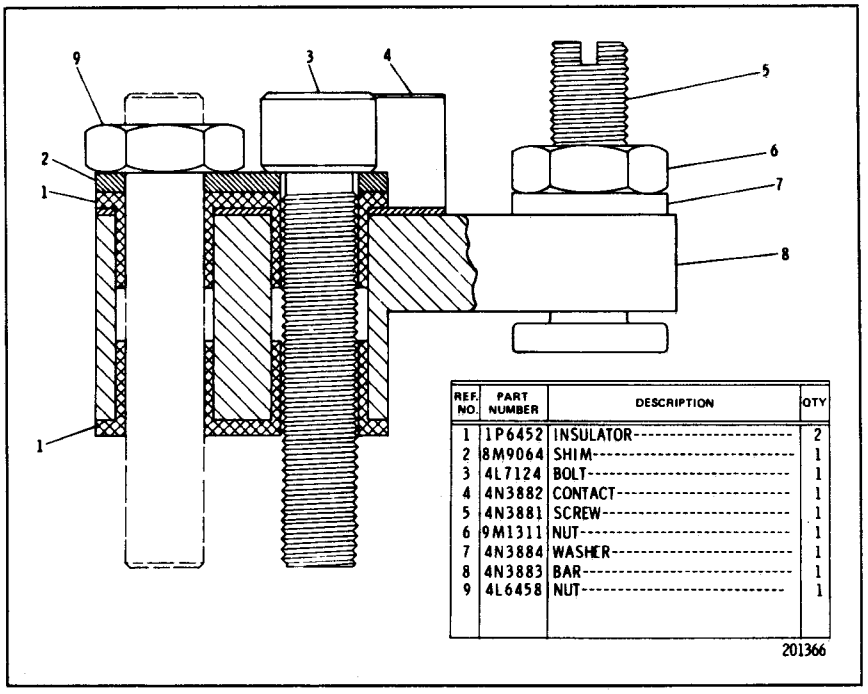
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4N4276	SEAT	1
2	4N6408	PISTON ASSEM. (Includes)	1
3	4N6406	RING	1
4	4N6404	RING	1
5	4N6407	SPOOL	1
6	6N2517	SPRING	1
7	4N5579	SEAT ASSEM.	1
8	4N434	RISER	1
C 9	4N2927	RACE	2
	7M7219	BEARING	1
10	4N2953	RING	1
11	4N3779	KEY	1



12	9N3752	CAMSHAFT ASSEM. (Includes)	1
13	8N2663	CARRIER	1
14	8N2662	BOLT	3
15	4N1723	SHIELD	1
16	4N425	WEIGHT	3
17	4N511	DOWEL	3
18	4N5482	SHAFT	1
19	4N9019	DOWEL	1
20	9N5822	WASHER	1

C INDICATES CHANGE

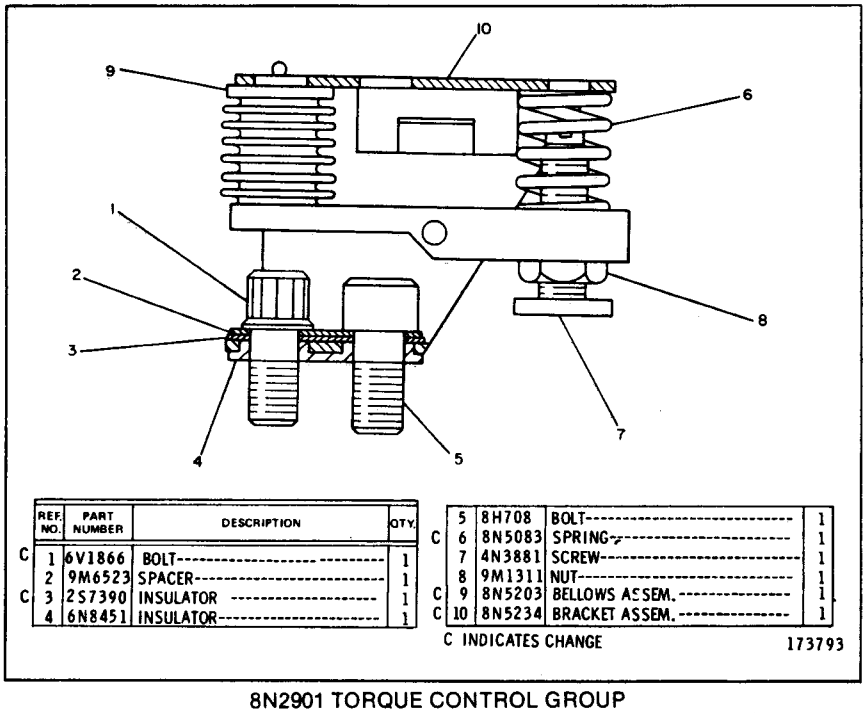
230830



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1P6452	INSULATOR	2
2	8M9064	SHIM	1
3	4L7124	BOLT	1
4	4N3882	CONTACT	1
5	4N3881	SCREW	1
6	9M1311	NUT	1
7	4N3884	WASHER	1
8	4N3883	BAR	1
9	4L6458	NUT	1

201366

6N509 TORQUE CONTROL GROUP
Part of 9N3757, 8N1046, 8N1038, 8N1037, 8N5639, 8N1041, 8N5652 and 8N5886 Governor and Fuel Injection Pump Groups shown on Pages 146, 148, 150, 151, 151B, 153, 156 and 157

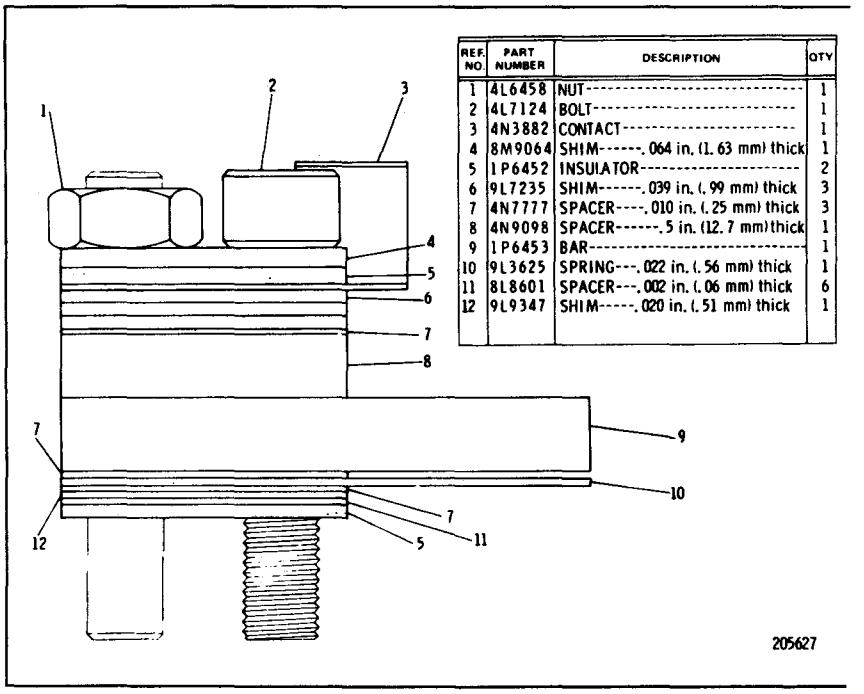


	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C	1	6V1866	BOLT	1
	2	9M6523	SPACER	1
C	3	2S7390	INSULATOR	1
	4	6N8451	INSULATOR	1
	5	8H708	BOLT	1
C	6	8N5083	SPRING	1
	7	4N3881	SCREW	1
	8	9M1311	NUT	1
C	9	8N5203	BELLOWS ASSEM.	1
C	10	8N5234	BRACKET ASSEM.	1

C INDICATES CHANGE

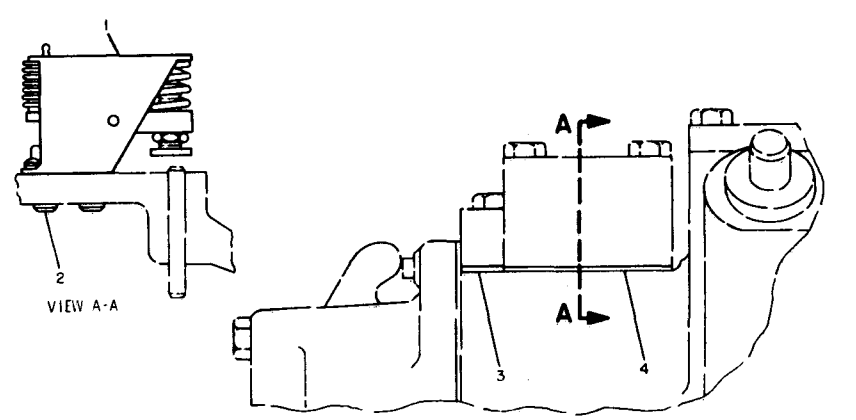
173793

8N2901 TORQUE CONTROL GROUP
Part of 8N5904, 8N5908, 8N5906 Governor and Fuel Injection Pump Groups and 8N3840 Temperature Compensator Conversion Group shown on Pages 147, 149, 152 and 177



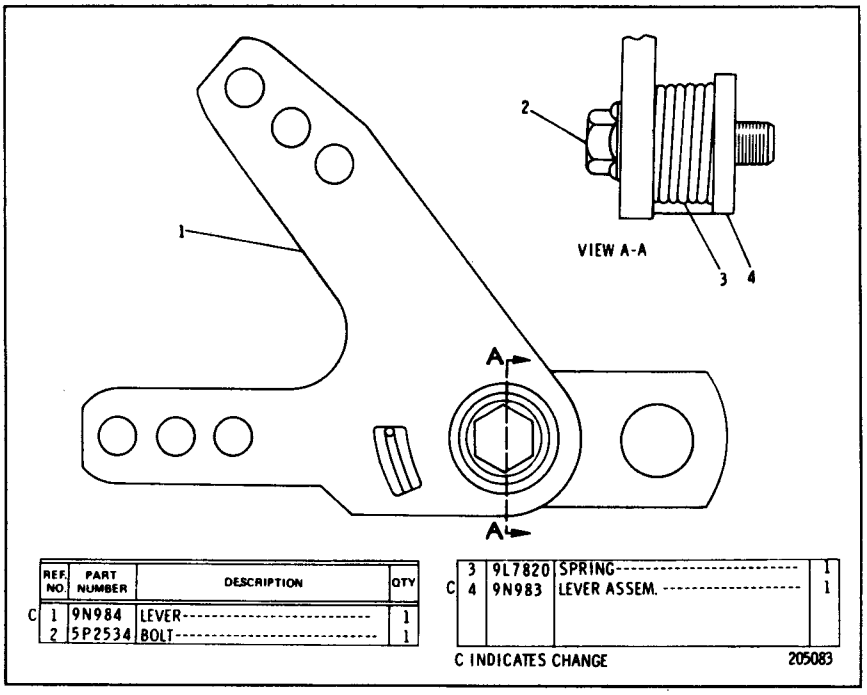
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4L6458	NUT	1
2	4L7124	BOLT	1
3	4N3882	CONTACT	1
4	8M9064	SHIM-----.064 in. (1.63 mm) thick	1
5	1P6452	INSULATOR	2
6	9L7235	SHIM-----.039 in. (.99 mm) thick	3
7	4N7777	SPACER----.010 in. (.25 mm) thick	3
8	4N9098	SPACER-----.5 in. (12.7 mm) thick	1
9	1P6453	BAR	1
10	9L3625	SPRING---.022 in. (.56 mm) thick	1
11	8L8601	SPACER---.002 in. (.06 mm) thick	6
12	9L9347	SHIM-----.020 in. (.51 mm) thick	1

6N539 TORQUE CONTROL GROUP
Part of 8N9280 Governor and Fuel Injection Pump Groups shown on Page 153
ALSO AN ATTACHMENT.



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8N2901	TORQUE CONTROL GROUP-------- (Separate Illustration)	1
2	139016	SETSCREW	1
3	4N532	GASKET	1
4	4N508	GASKET	1
	SMHS7459	FORM---(Installation Instructions)	

8N3840 TEMPERATURE COMPENSATOR CONVERSION GROUP
8N2901 Control parts are shown on Page 176



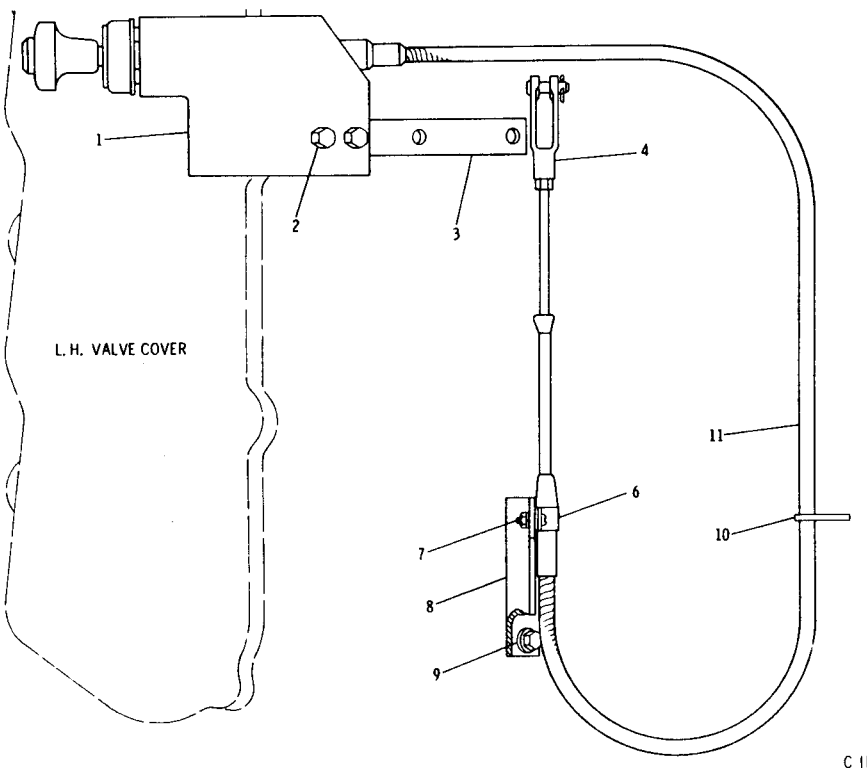
	REF. NO.	PART NUMBER	DESCRIPTION	QTY
C	1	9N984	LEVER	1
	2	5P2534	BOLT	1
	3	9L7820	SPRING	1
C	4	9N983	LEVER ASSEM.	1

C INDICATES CHANGE

205083

9N6743 GOVERNOR CONTROL GROUP

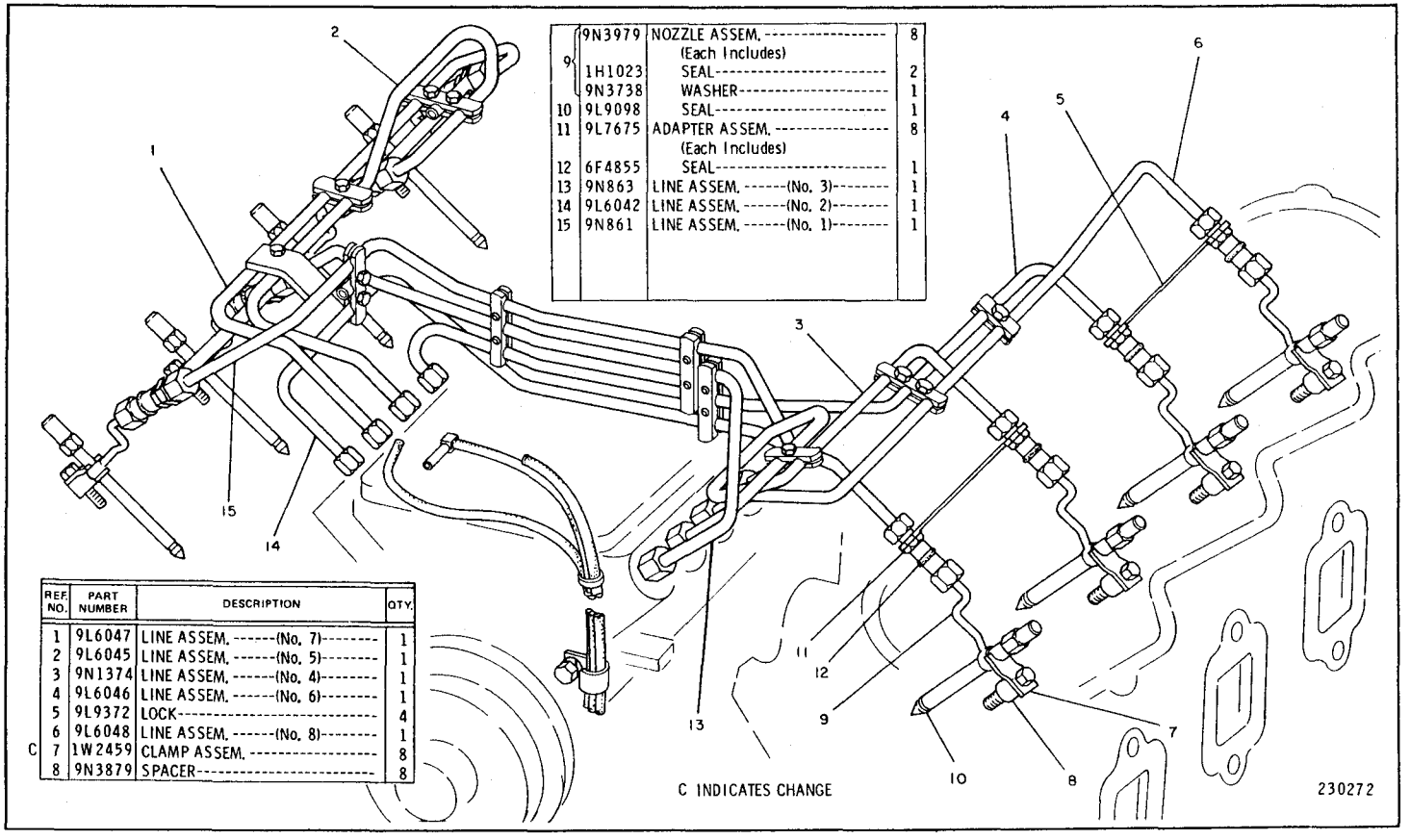
3N7815 GOVERNOR CONTROL GROUP—Positive Lock
AN ATTACHMENT



	REF. NO.	PART NUMBER	DESCRIPTION	QTY
C	1	3N9183	BRACKET	1
	2	4F7957	BOLT	2
		1B4330	NUT	2
		3B4504	LOCKWASHER	2
	3	2N1040	SUPPORT (Use as Required)	1
	4	7L7784	CLEVIS ASSEM.	1
	6	7L7785	CLAMP	1
	7	4B1229	SCREW	2
		4B2047	NUT	2
		3B4502	LOCKWASHER	2
	8	3N7820	BRACKET	1
	9	S1594	BOLT	2
		5M2894	WASHER	2
C	10	3S2093	STRAP	1
	11	2N1274	CONTROL (Use as Required)	1

C INDICATES CHANGE

157321

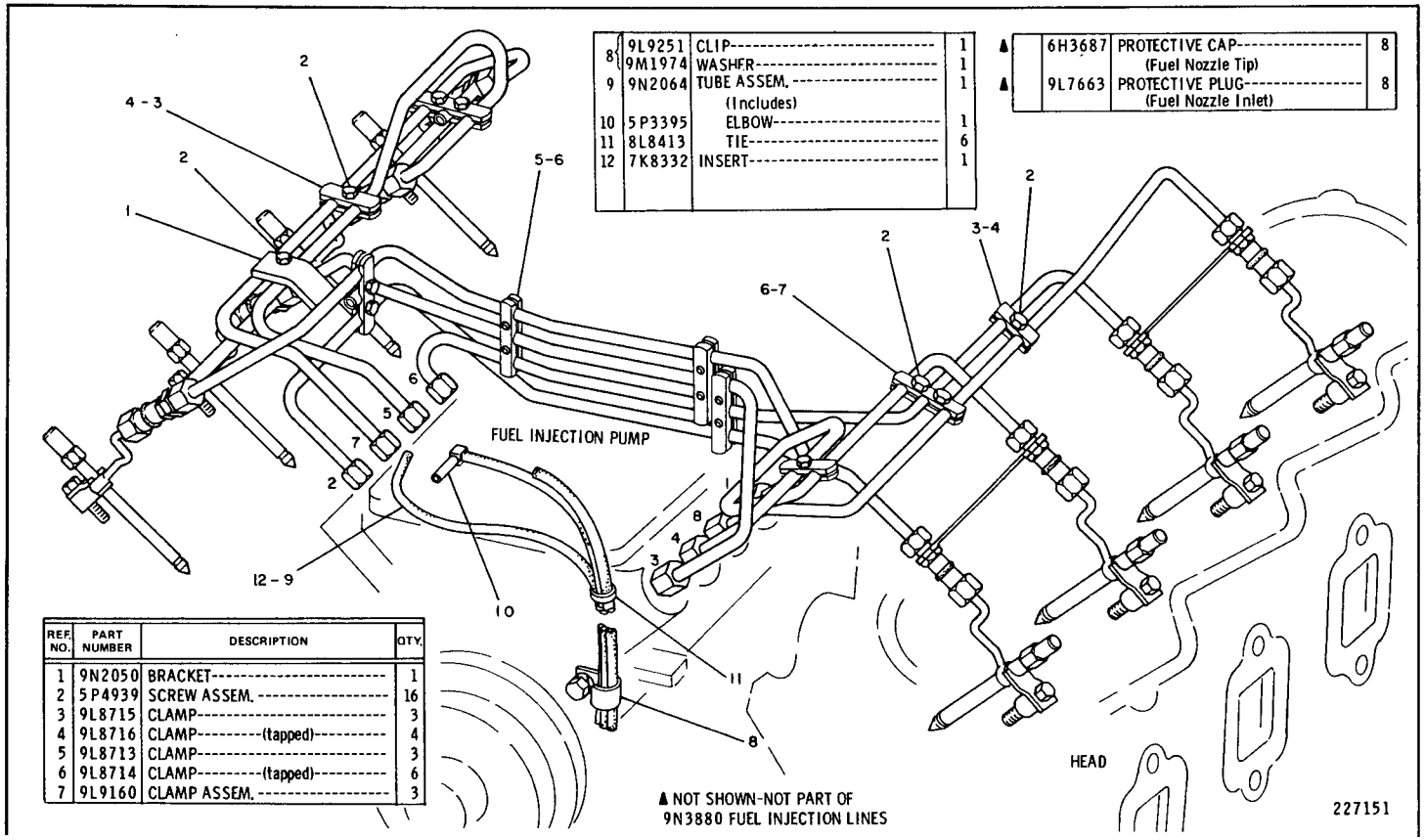


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
	9N3979	NOZZLE ASSEM.	8
9		(Each Includes)	
	1H1023	SEAL	2
	9N3738	WASHER	1
10	9L9098	SEAL	1
11	9L7675	ADAPTER ASSEM.	8
		(Each Includes)	
12	6F4855	SEAL	1
13	9N863	LINE ASSEM. (No. 3)	1
14	9L6042	LINE ASSEM. (No. 2)	1
15	9N861	LINE ASSEM. (No. 1)	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9L6047	LINE ASSEM. (No. 7)	1
2	9L6045	LINE ASSEM. (No. 5)	1
3	9N1374	LINE ASSEM. (No. 4)	1
4	9L6046	LINE ASSEM. (No. 6)	1
5	9L9372	LOCK	4
6	9L6048	LINE ASSEM. (No. 8)	1
C 7	1W2459	CLAMP ASSEM.	8
8	9N3879	SPACER	8

9N3880 FUEL INJECTION LINES GROUP—Part 1

9N3880 FUEL INJECTION LINES GROUP—Part 2

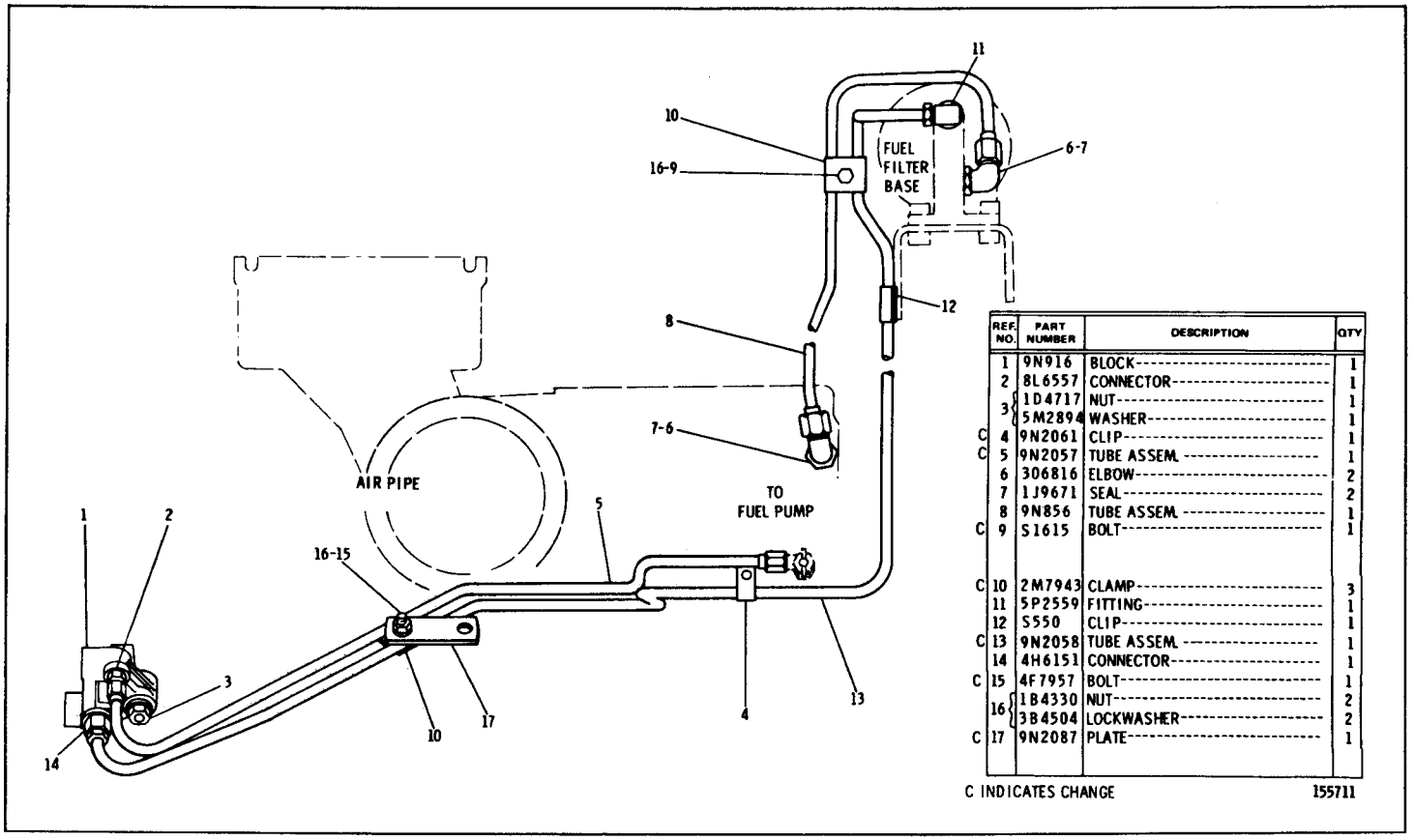


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
8	9L9251	CLIP	1
	9M1974	WASHER	1
9	9N2064	TUBE ASSEM.	1
		(Includes)	
10	5P3395	ELBOW	1
11	8L8413	TIE	6
12	7K8332	INSERT	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
▲	6H3687	PROTECTIVE CAP (Fuel Nozzle Tip)	8
▲	9L7663	PROTECTIVE PLUG (Fuel Nozzle Inlet)	8

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9N2050	BRACKET	1
2	5P4939	SCREW ASSEM.	16
3	9L8715	CLAMP	3
4	9L8716	CLAMP—(tapped)	4
5	9L8713	CLAMP	3
6	9L8714	CLAMP—(tapped)	6
7	9L9160	CLAMP ASSEM.	3

▲ NOT SHOWN-NOT PART OF 9N3880 FUEL INJECTION LINES



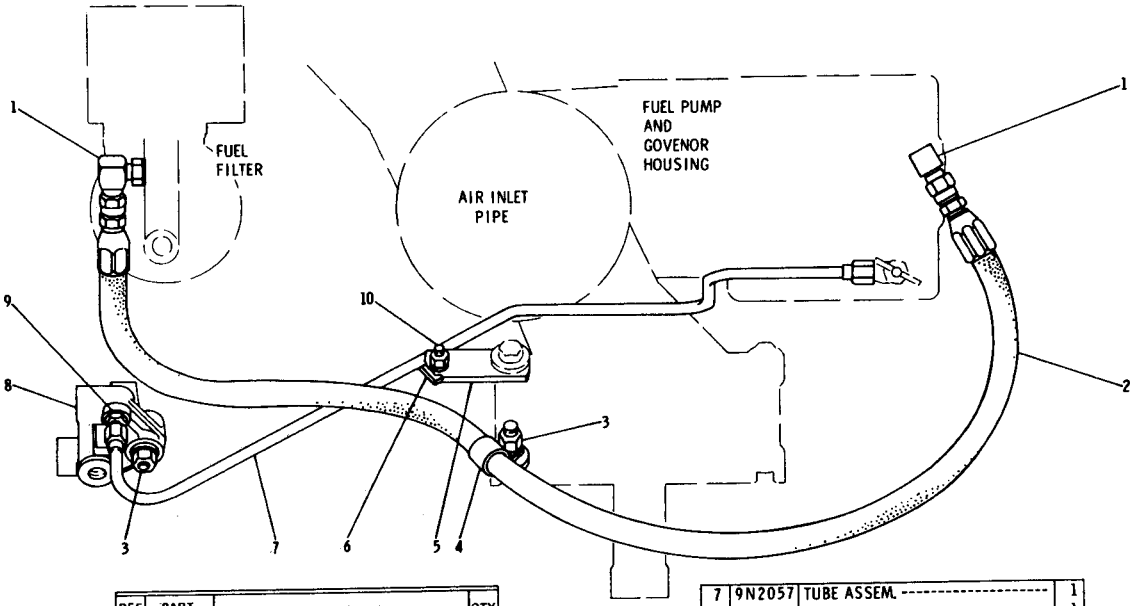
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9N916	BLOCK	1
2	8L6557	CONNECTOR	1
3	1D4717	NUT	1
	5M2894	WASHER	1
C 4	9N2061	CLIP	1
C 5	9N2057	TUBE ASSEM.	1
6	306816	ELBOW	2
7	1J9671	SEAL	2
8	9N856	TUBE ASSEM.	1
C 9	S1615	BOLT	1
C 10	2M7943	CLAMP	3
11	5P2559	FITTING	1
12	S550	CLIP	1
C 13	9N2058	TUBE ASSEM.	1
14	4H6151	CONNECTOR	1
C 15	4F7957	BOLT	1
16	1B4330	NUT	2
	3B4504	LOCKWASHER	2
C 17	9N2087	PLATE	1

C INDICATES CHANGE 155711

9N435 FUEL FILTER LINES GROUP
Note: 8N9754 Fuel Heater Changeover Group is available

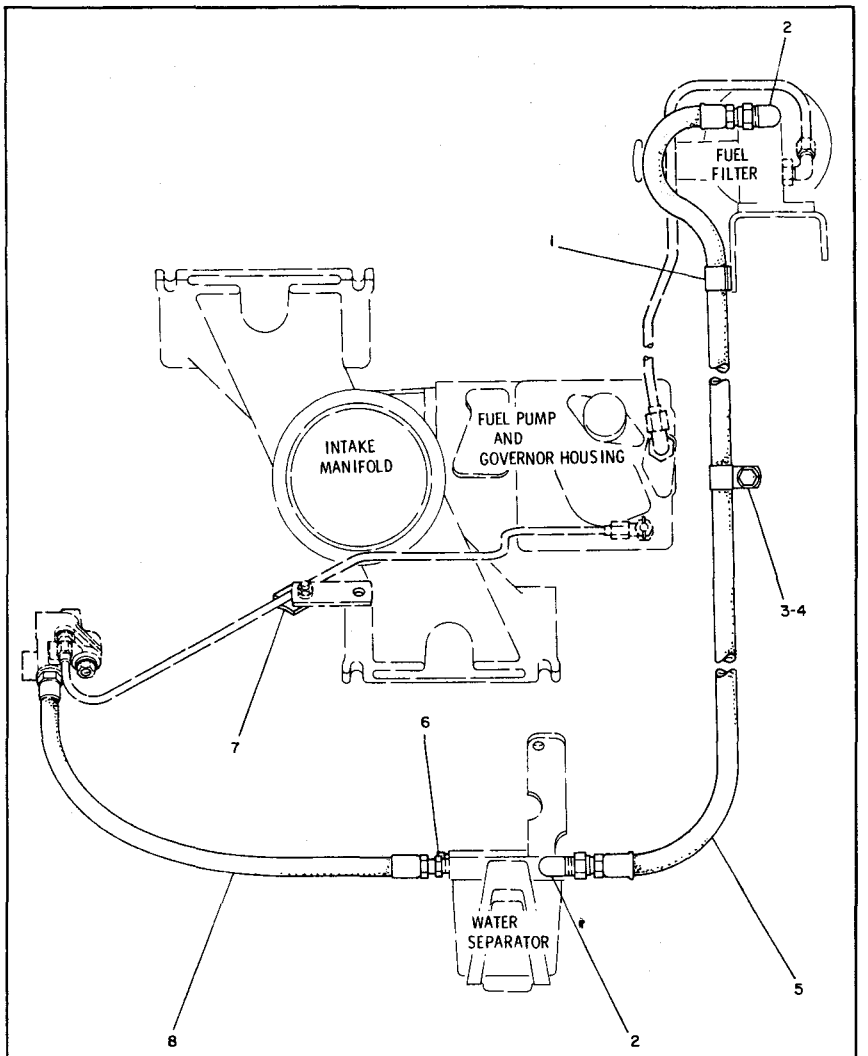
9L6379 FUEL FILTER LINES GROUP

Note: 8N9754 Fuel Heater Changeover Group is available



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8K968	ELBOW	2
	1J9671	SEAL	2
2	6N1047	HOSE ASSEM.	1
3	1D4717	NUT	2
	5M2894	WASHER	2
4	9M8406	CLIP	1
5	9N2087	PLATE	1
6	5R1904	CLIP	1
7	9N2057	TUBE ASSEM.	1
8	9N916	BLOCK	1
9	8L6557	CONNECTOR	1
10	4F7957	BOLT	1
	1B4330	NUT	1
	3B4504	LOCKWASHER	1

158184



	REF. NO.	PART NUMBER	DESCRIPTION	QTY
	1	9M8406	CLIP----------	2
C	2	321268	ELBOW----------	2
	3	S509	BOLT----------	1
C	4	5M2894	WASHER----------	1
	5	9N5613	HOSE ASSEM. --110 cm(43.30 in.)-	1
	6	5M5613	PLUG----------	1
	7	5R1904	CLIP----------	1
	8	9N5612	HOSE ASSEM. --55 cm(21.65 in.)---	1

C INDICATES CHANGE

176907

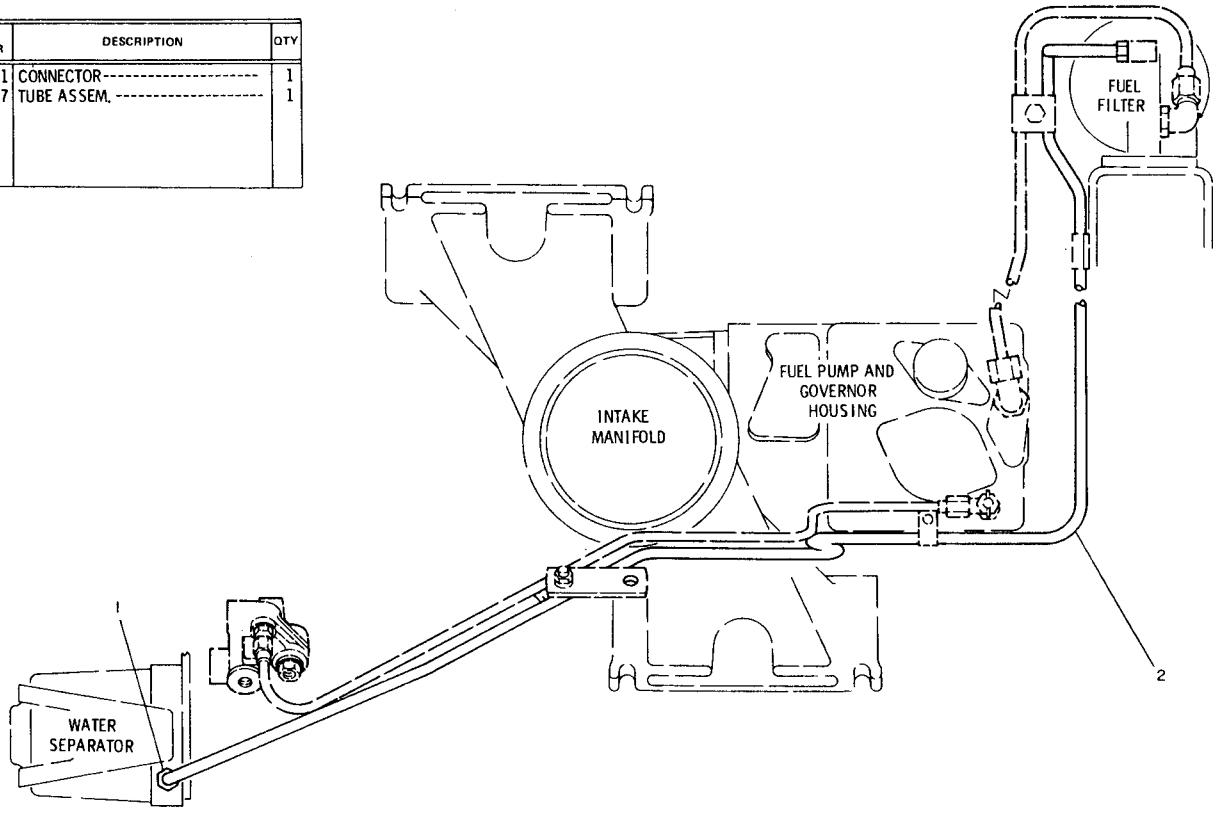
9N6322 FUEL FILTER LINES GROUP
FOR USE WITH 9N6304 WATER SEPARATOR AND 4N5868 FUEL FILTER GROUPS SHOWN ON PAGES 186 and 188. Note: 8N9754 Fuel Heater Changeover Group is available. AN ATTACHMENT

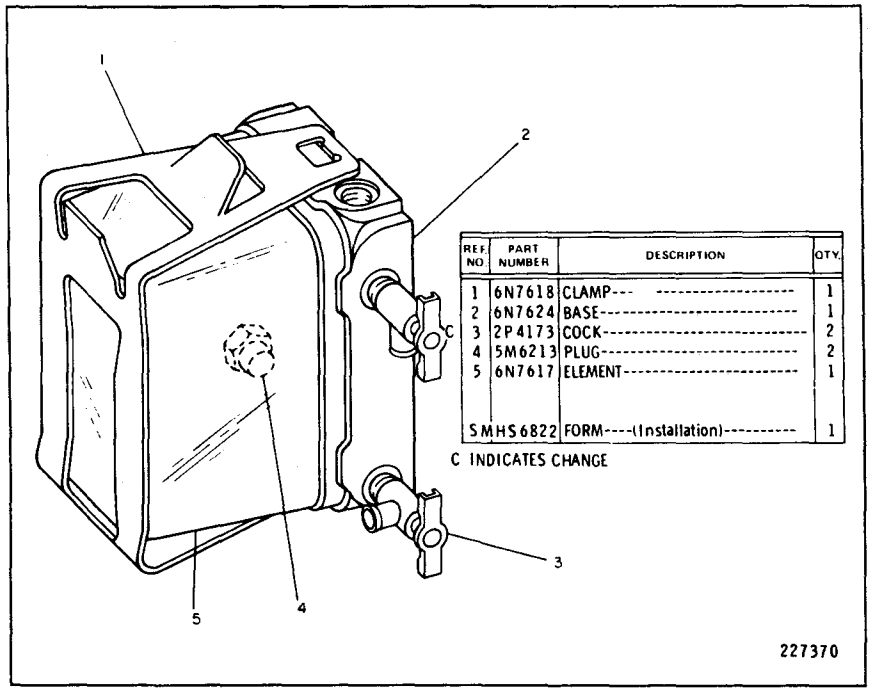
9N6028 FUEL FILTER LINES GROUP

FOR USE WITH 9N6305 WATER SEPARATOR AND 4N5868 FUEL FILTER GROUPS SHOWN ON PAGES 187 and 188

Note: 8N9754 Fuel Heater Changeover Group is available. AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4H6141	CONNECTOR	1
2	9N6027	TUBE ASSEM.	1

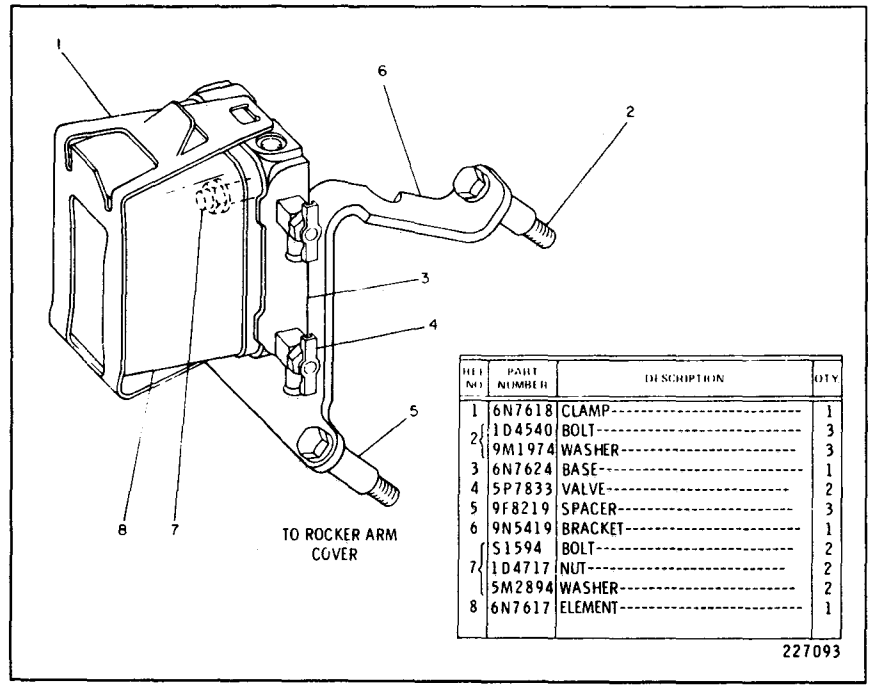




REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	6N7618	CLAMP---	1
2	6N7624	BASE---	1
3	2P4173	COCK---	2
4	5M6213	PLUG---	2
5	6N7617	ELEMENT---	1
	SMHS6822	FORM----(Installation)---	1

C INDICATES CHANGE

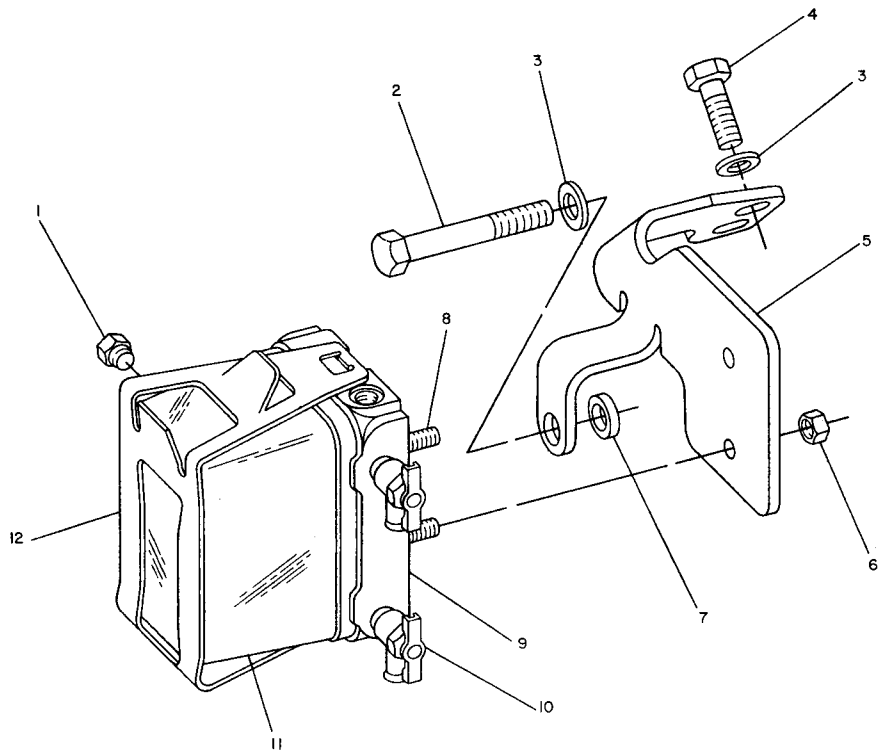
9N950 WATER SEPARATOR GROUP
ALSO AN ATTACHMENT



REF NO	PART NUMBER	DESCRIPTION	QTY
1	6N7618	CLAMP---	1
2	1D4540	BOLT---	3
	9M1974	WASHER---	3
3	6N7624	BASE---	1
4	5P7833	VALVE---	2
5	9F8219	SPACER---	3
6	9N5419	BRACKET---	1
7	S1594	BOLT---	2
	1D4717	NUT---	2
	5M2894	WASHER---	2
8	6N7617	ELEMENT---	1

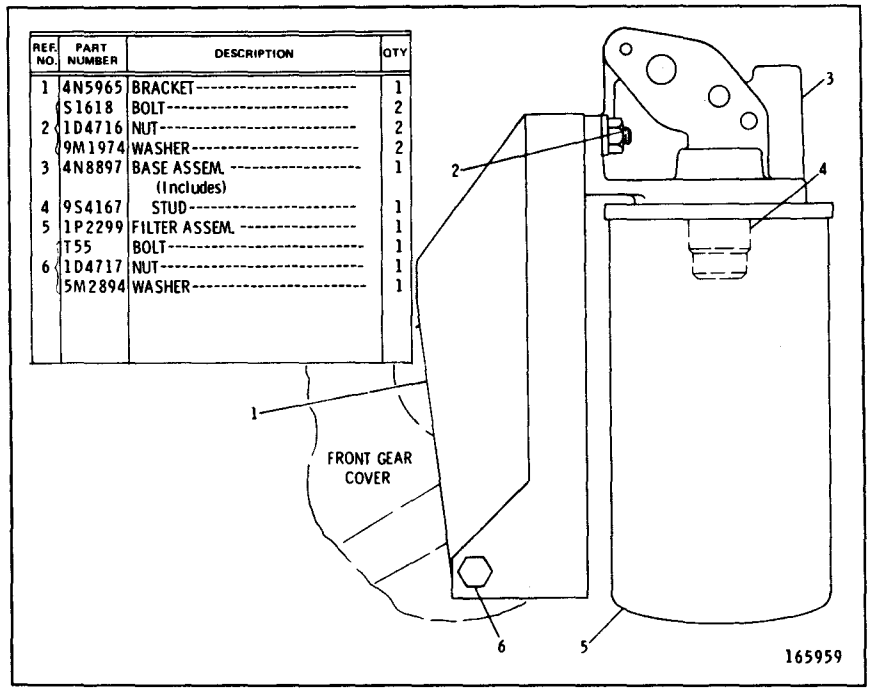
9N6304 WATER SEPARATOR GROUP
AN ATTACHMENT

9N6305 WATER SEPARATOR GROUP—Rear Mounting
AN ATTACHMENT



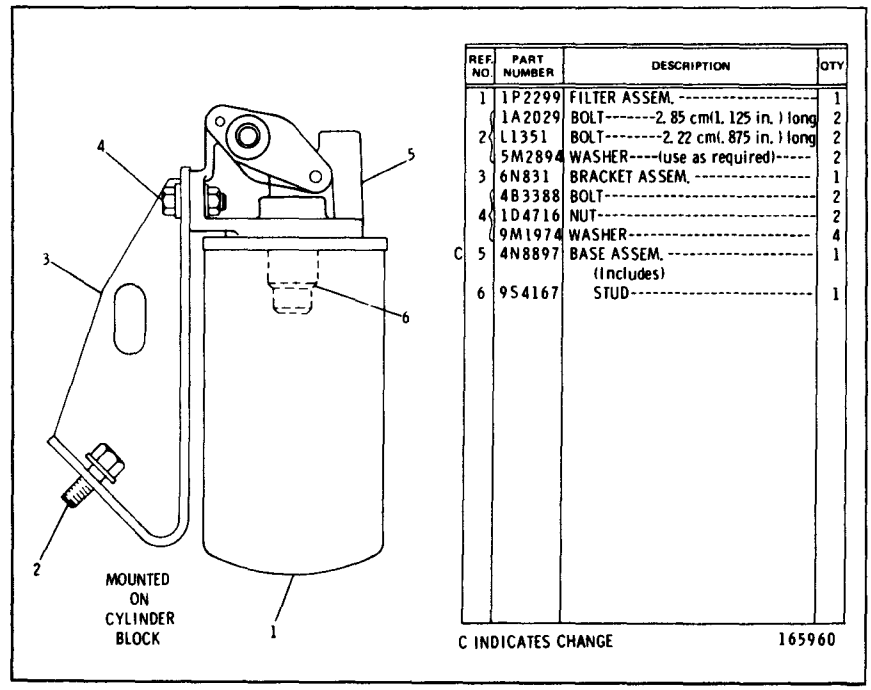
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5M6213	PLUG	1
2	1B2886	BOLT	1
3	5P8245	WASHER	3
4	S1595	BOLT	2
5	9N5611	BRACKET	1
6	1D4717	NUT	2
7	9L2182	SPACER	1
8	S1594	BOLT	2
	5M2894	WASHER	2
9	6N7624	BASE	1
10	5P7833	VALVE	2
11	6N7617	ELEMENT	1
12	6N7618	CLAMP	1

227379



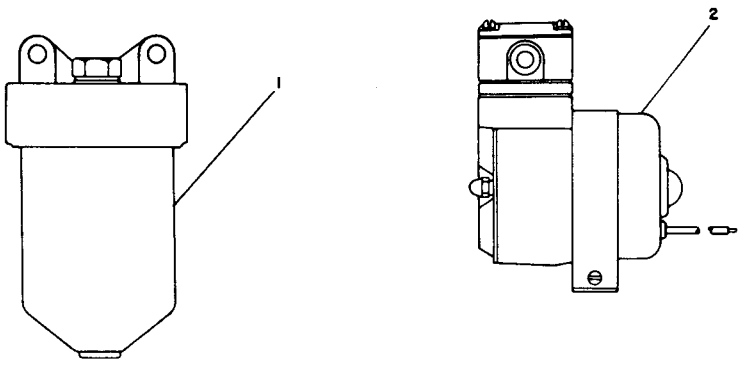
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N5965	BRACKET	1
	S1618	BOLT	2
2	1D4716	NUT	2
	9M1974	WASHER	2
3	4N8897	BASE ASSEM. (Includes)	1
4	9S4167	STUD	1
5	1P2299	FILTER ASSEM.	1
	T55	BOLT	1
6	1D4717	NUT	1
	5M2894	WASHER	1

4N5868 FUEL FILTER GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1P2299	FILTER ASSEM.	1
	1A2029	BOLT---2.85 cm(1.125 in.) long	2
2	L1351	BOLT---2.22 cm(.875 in.) long	2
	5M2894	WASHER---(use as required)	2
3	6N831	BRACKET ASSEM.	1
	4B3388	BOLT	2
4	1D4716	NUT	2
	9M1974	WASHER	4
C 5	4N8897	BASE ASSEM. (Includes)	1
6	9S4167	STUD	1

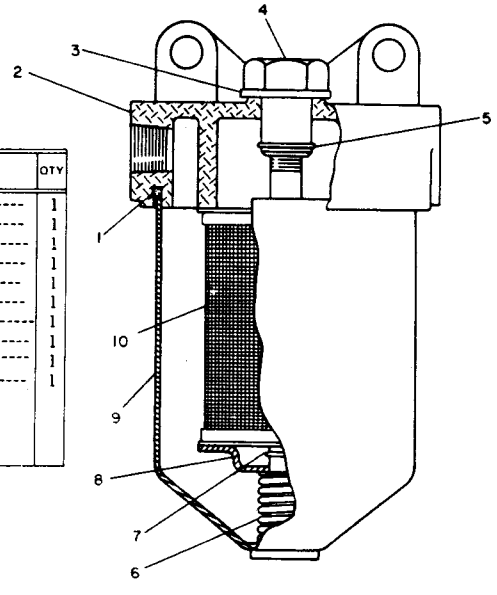
6N2266 FUEL FILTER GROUP—Rear



REF. NO	PART NUMBER	DESCRIPTION	QTY
1	8H4681	FILTER GROUP---------- (Separate Illustration)	1
2	9N5459	PUMP ASSEM. ----------	1
	SMHS7468	FORM--(Installation Instructions)	

221653

9N5458 ELECTRICAL FUEL PUMP GROUP—Boost—12 Volt—Field Installation
Provides positive pressure to the sleeve metering fuel system components on the suction side of the fuel transfer pump



	REF. NO.	PART NUMBER	DESCRIPTION	QTY
C	1	8H2778	GASKET----------	1
	2	7H9680	COVER----------	1
C	3	8N4410	WASHER----------	1
	4	8H2807	NUT----------	1
	5	1L3769	RING----------	1
	6	7S9323	SPRING----------	1
	7	2H3429	RING----------	1
	8	7H9678	RETAINER----------	1
	9	8H2810	CASE ASSEM. ----------	1
	10	9M2341	ELEMENT ASSEM. ---(washable)----	1

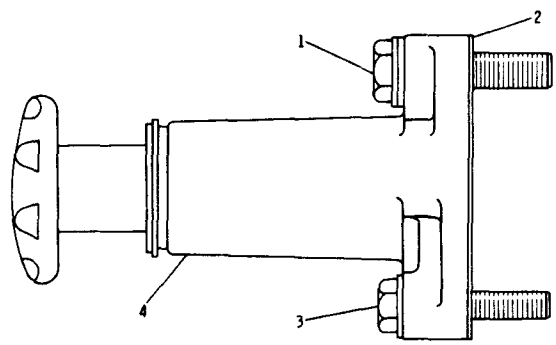
C INDICATES CHANGE

225778

8H4681 PRIMARY FUEL FILTER GROUP
Part of 9N5458 and 8N3569 Fuel Pump Groups shown on Pages 189 and 190

	CONSISTS OF:		PAGE
1	8H4681	PRIMARY FUEL FILTER GROUP	189
1	6N6	FUEL PUMP ASSEMBLY	
1	.....	FORM SMHS7468	

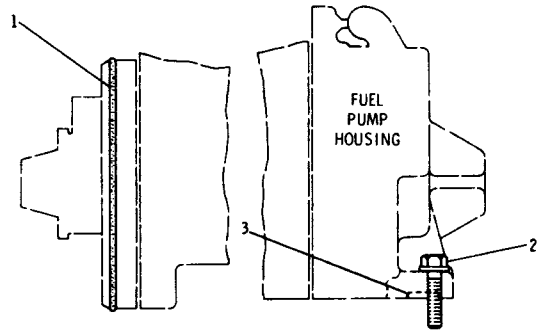
8N3569 FUEL PUMP GROUP—Boost—24 Volt—Field Installation
Provides positive pressure to the sleeve metering fuel system components on the suction side of the fuel transfer pump



	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C	1	1H5514	BOLT	1
C		9M1974	WASHER-----(use as required)-----	2
	2	1P436	GASKET	1
C	3	9F7022	BOLT	1
		5P537	WASHER	1
	4	4N2511	PUMP ASSEM.	1

C INDICATES CHANGE 210119

4N4314 FUEL PRIMING PUMP GROUP

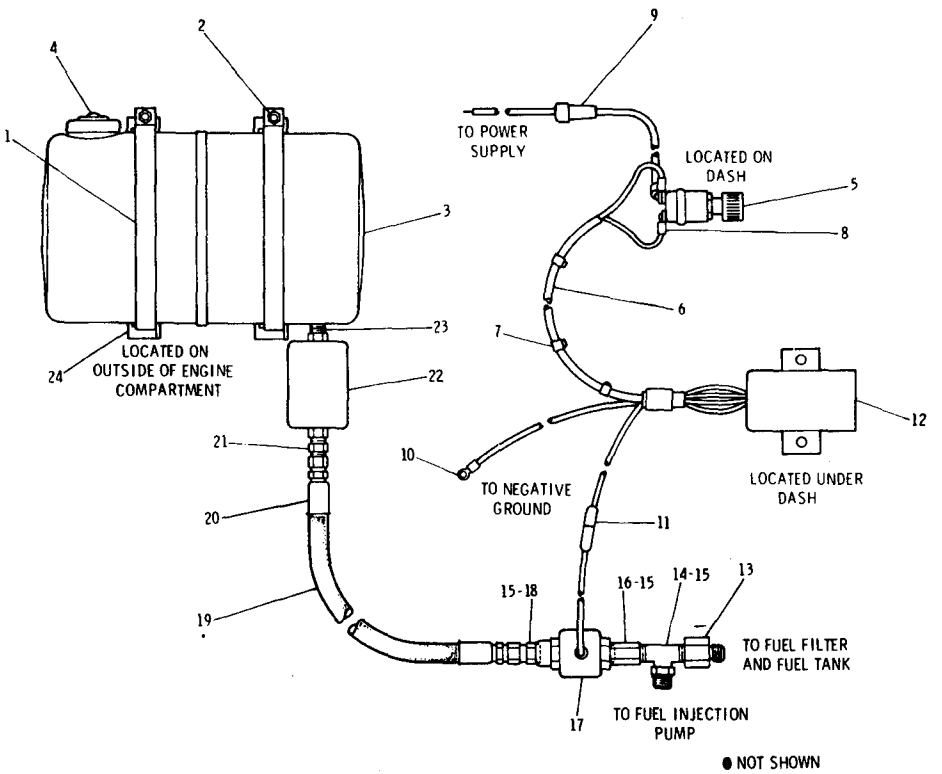


	REF. NO.	PART NUMBER	DESCRIPTION	QTY
	1	9M9729	SEAL	1
	2	4B3388	BOLT	2
		9M1974	WASHER	2
C	3	8M8157	SEAL	1

C INDICATES CHANGE

163437

9L6925 FUEL SYSTEM FASTENER GROUP

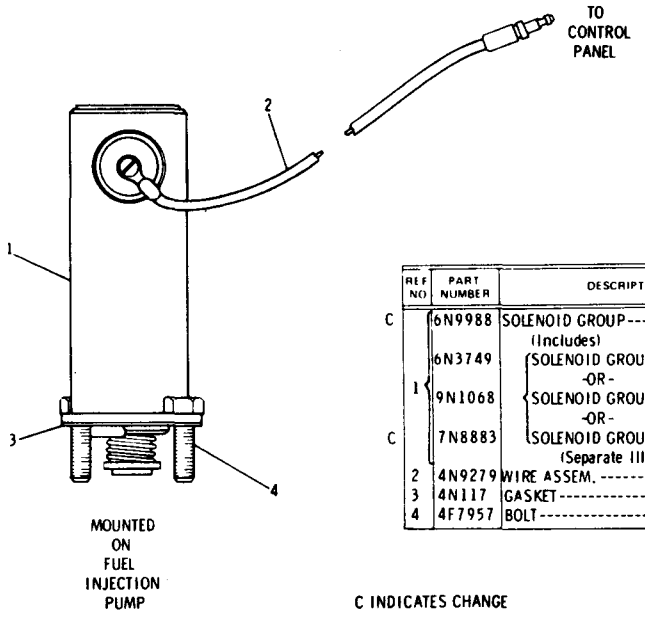


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9N3335	STRAP	2
2	4B1248	SCREW	2
	4B2051	NUT	2
	4B4674	WASHER	4
3	9N3334	TANK ASSEM. (Includes)	1
4	9N3336	CAP ASSEM.	1
5	8L5000	SWITCH-(start)	1
6	9N3828	HARNESS ASSEM. (Includes)	1
▲	5P5623	WIRE-6.2 m(242 in.)	
7	1S9593	STRAP	3
8	2L8075	TERMINAL	2
9	315637	HOLDER	1
	3P8989	FUSE	1
10	2L8076	TERMINAL	1
11	6N9587	CONNECTOR	1
12	7G1018	RELAY	1
13	5P5009	REDUCER	1
14	315894	TEE	1
15	3J7354	SEAL	3
16	9N3770	ORIFICE	1
17	9L8791	SOLENOID	1
18	306984	CONNECTOR	1
19	317224	HOSE ASSEM. (Includes)	1
▲	5P733	HOSE-2.5 m(98.4 in.)	
20	16285	COUPLING	2
21	8L6557	CONNECTOR	1
22	9N3778	FILTER ASSEM.	1
23	5H7826	NIPPLE	1
24	533567	BRACKET	2
	9N3620	TRANSFER-(Instruction) (Located on Dash)	1
●	9N3621	TRANSFER-(Caution) (Located on Tank)	1
	SEHS7253	FORM (Installation, Operation, & Maintenance)	1

▲ ORDER BY THE METRE

218068

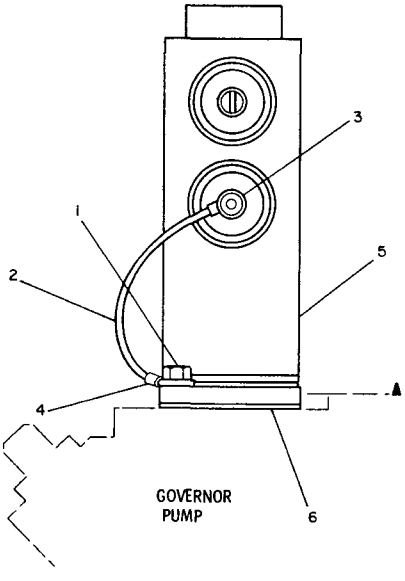
9N3771 CETANE INJECTION GROUP—Field Installation
NOTE: Reduces white smoke when starting engine in cold temperatures



REF NO	PART NUMBER	DESCRIPTION	QTY
C	6N9988	SOLENOID GROUP---------- (Includes)	1
1	6N3749	SOLENOID GROUP---------- -OR-	1
1	9N1068	SOLENOID GROUP---------- -OR-	1
C	7N8883	SOLENOID GROUP---------- (Separate Illustration)	1
2	4N9279	WIRE ASSEM.----------	1
3	4N117	GASKET----------	1
4	4F7957	BOLT----------	2

C INDICATES CHANGE 218379

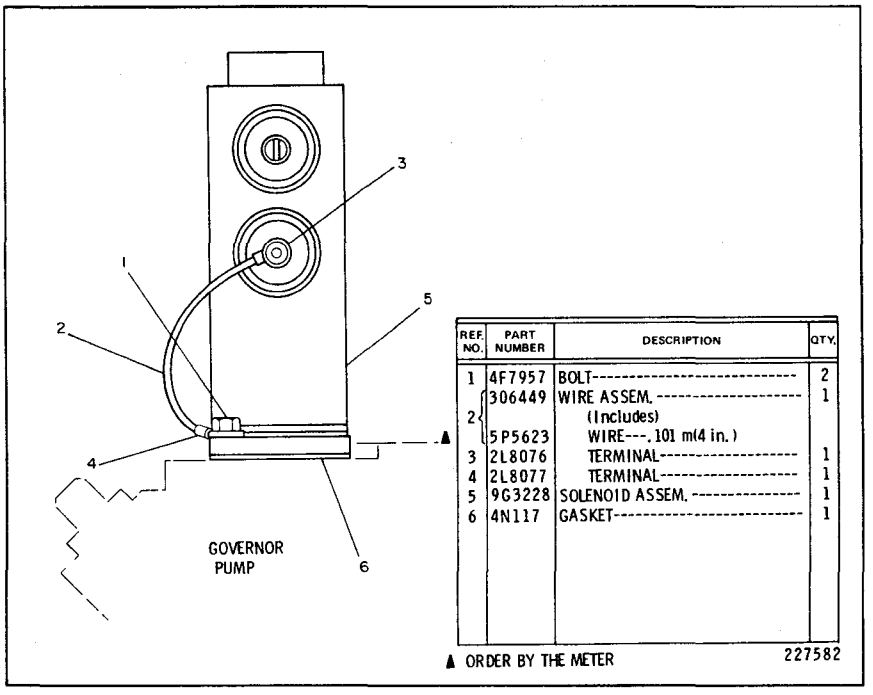
9N683 ELECTRIC SHUT-OFF GROUP—12 Volt
Part of 9N3757, 8N5904, 8N1046, 8N5908, 8N1038, 8N1037, 8N5639, 8N5906, 8N9280 and 8N1041 Governor and Fuel Injection Pump Group shown on Pages 14(thru 151 and 151B thru 153. 9N1068, 6N3749 and 7N8883 Shut-Off parts are showr on Pages 195 and 196



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4F7957	BOLT----------	2
2	306449	WIRE ASSEM.---------- (Includes)	1
2	5P5623	WIRE---.101 m(4 in.)	
3	2L8076	TERMINAL----------	1
4	2L8077	TERMINAL----------	1
5	9G3227	SOLENOID ASSEM.----------	1
6	4N117	GASKET----------	1

▲ ORDER BY THE METER 227573

9G7693 ELECTRICAL SHUT-OFF—12 Volt
Energized to shutdown

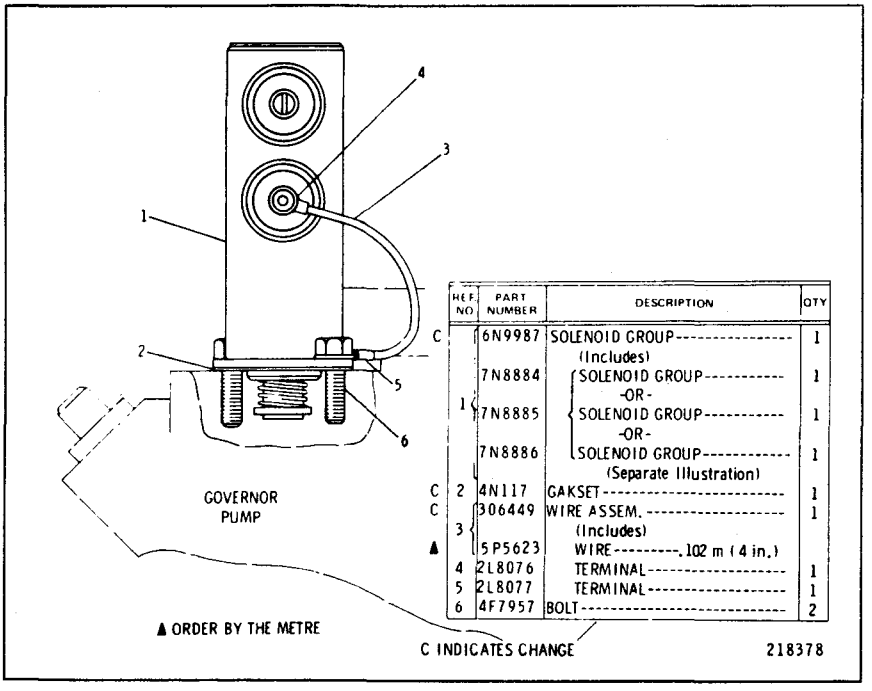


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4F7957	BOLT	2
2	306449	WIRE ASSEM. (Includes)	1
	5P5623	WIRE---.101 m(4 in.)	
3	2L8076	TERMINAL	1
4	2L8077	TERMINAL	1
5	9G3228	SOLENOID ASSEM.	1
6	4N117	GASKET	1

▲ ORDER BY THE METER

227582

9G8179 ELECTRICAL SHUT-OFF GROUP—24 Volt
Energizes to Shutdown
AN ATTACHMENT



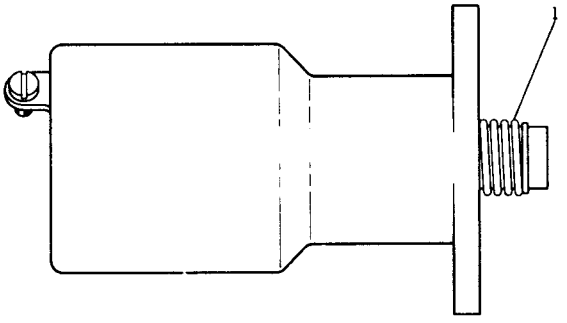
	REF NO	PART NUMBER	DESCRIPTION	QTY
C	1	6N9987	SOLENOID GROUP (Includes)	1
		7N8884	SOLENOID GROUP	1
			-OR-	
		7N8885	SOLENOID GROUP	1
			-OR-	
		7N8886	SOLENOID GROUP	1
			(Separate Illustration)	
C	2	4N117	GAKSET	1
C	3	306449	WIRE ASSEM. (Includes)	1
▲		5P5623	WIRE---.102 m (4 in.)	
	4	2L8076	TERMINAL	1
	5	2L8077	TERMINAL	1
	6	4F7957	BOLT	2

▲ ORDER BY THE METRE

C INDICATES CHANGE

218378

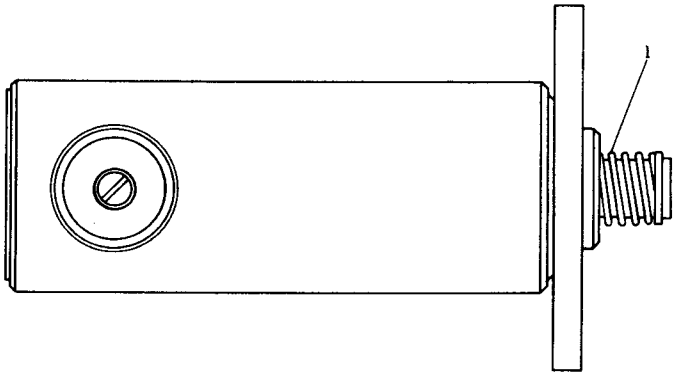
4N9314 ELECTRICAL SHUT-OFF GROUP—24 Volt
Energized to run. 7N8884, 7N8885 and 7N8886 Solenoid Shut-Off parts are shown



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9L6479	SPRING----------	1

155583

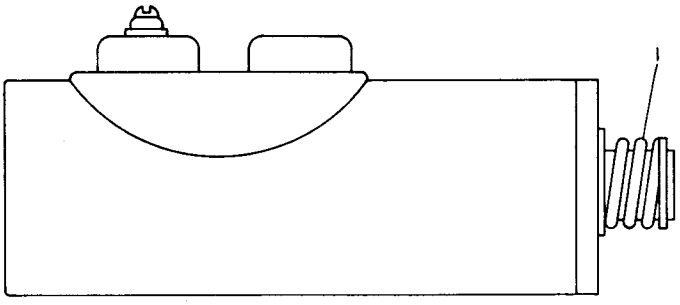
9N1068 SOLENOID SHUT-OFF GROUP—12 Volt
Part of 9N683 Electric Shut-Off Group shown on Page 193



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N7218	SPRING----------	1

214885

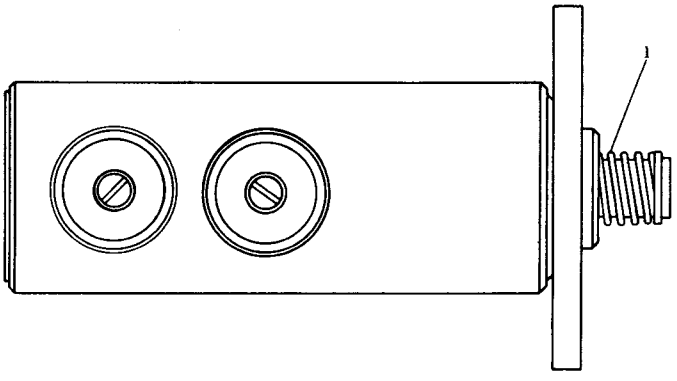
6N3749 SOLENOID SHUT-OFF GROUP—12 Volt
Part of 9N683 Electric Shut-Off Group shown on Page 193



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7N8882	SPRING----------	1

219787

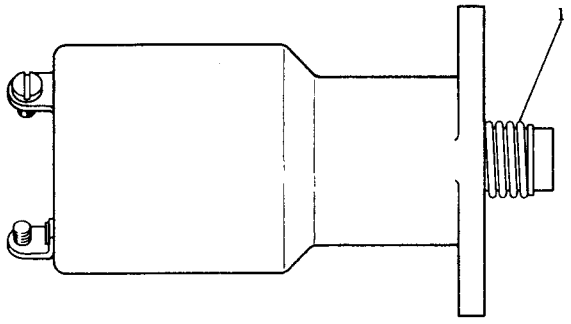
7N8883 SOLENOID SHUT-OFF GROUP—12 Volt
Part of 9N683 Electric Shut-Off Group shown on Page 193



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N7218	SPRING----------	1

219788

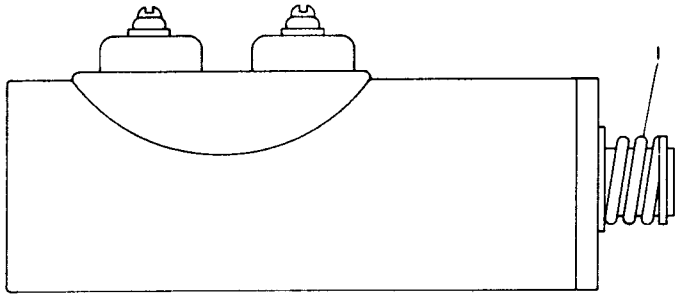
7N8884 SOLENOID SHUT-OFF GROUP—24 Volt
Part of 4N9314 Electrical Shut-Off Group shown on Page 194
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9L6479	SPRING	1

219789

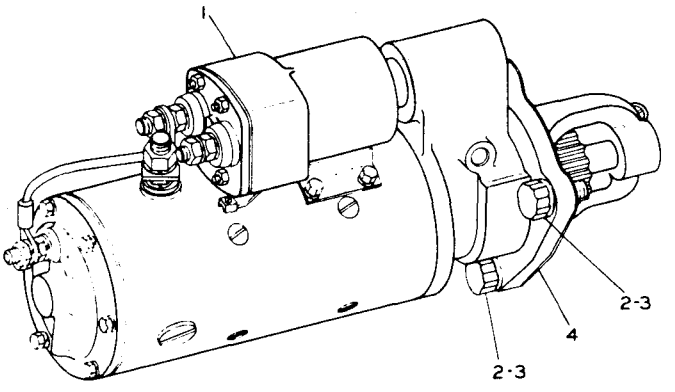
7N8885 SOLENOID SHUT-OFF GROUP—24 Volt
Part of 4N9314 Electrical Shut-Off Group shown on Page 194
AN ATTACHMENT



REF. NO	PART NUMBER	DESCRIPTION	QTY
1	7N8882	SPRING	1

219790

7N8886 SOLENOID SHUT-OFF GROUP—24 Volt

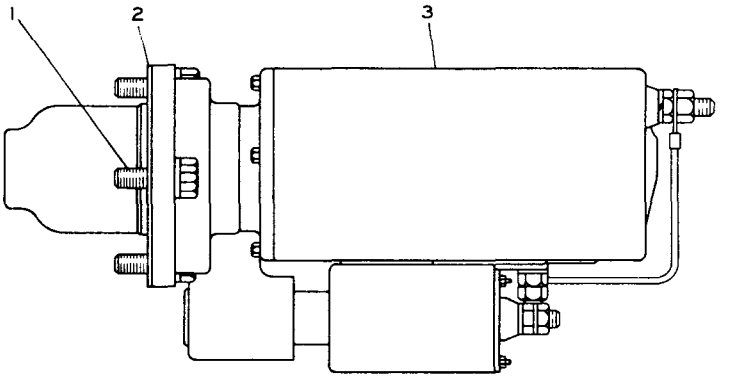


	REF NO.	PART NUMBER	DESCRIPTION	QTY.
C	1	4N8253	MOTOR ASSEM. (Separate Illustration)	1
C	2	8S2331	BOLT	3
C	3	4D3704	WASHER	3
	4	4H7869	GASKET	1

C INDICATES CHANGE

227130

2N3538 ELECTRIC STARTING MOTOR GROUP—12 Volt
FOR USE WITH SAE NO. 2 FLYWHEEL HOUSING
4N8253 Motor parts are shown on Pages 202, 203 and 204. ALSO AN ATTACHMENT

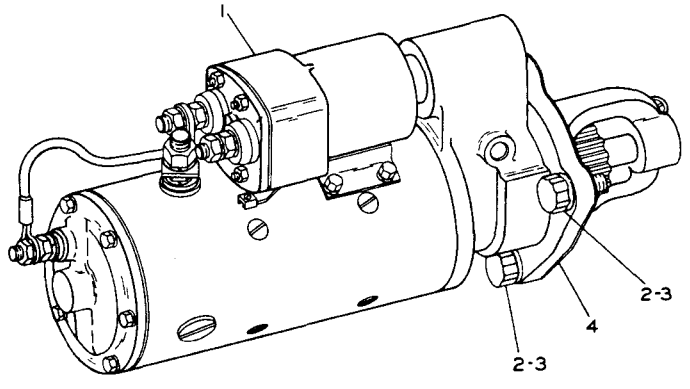


	REF. NO.	PART NUMBER	DESCRIPTION	QTY
C	1	8S2331	BOLT	3
C		4D3704	WASHER	3
	2	4H7869	GASKET	1
	3	9L3597	MOTOR ASSEM. (See Separate Illustration)	1

C INDICATES CHANGE

201709

2N9305 ELECTRIC STARTING MOTOR GROUP—12 Volt
FOR USE WITH SAE NO. 3 FLYWHEEL HOUSING
9L3597 Motor parts are shown on Pages 200 and 201. AN ATTACHMENT

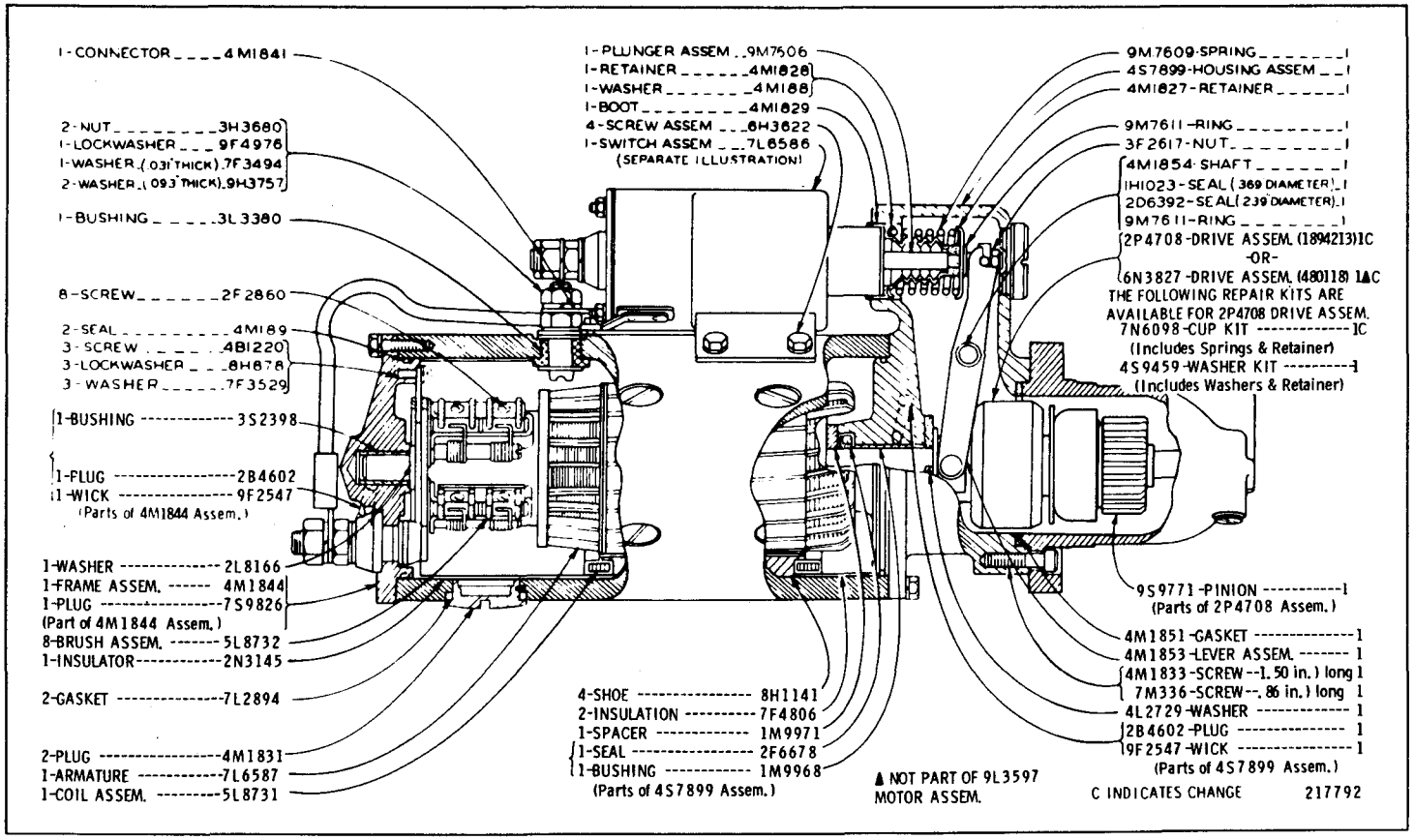


	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C	1	2S900	MOTOR ASSEM. (Separate Illustration)	1
	2	8S2331	BOLT	3
	3	4D3704	WASHER	3
	4	4H7869	GASKET	1

C INDICATES CHANGE

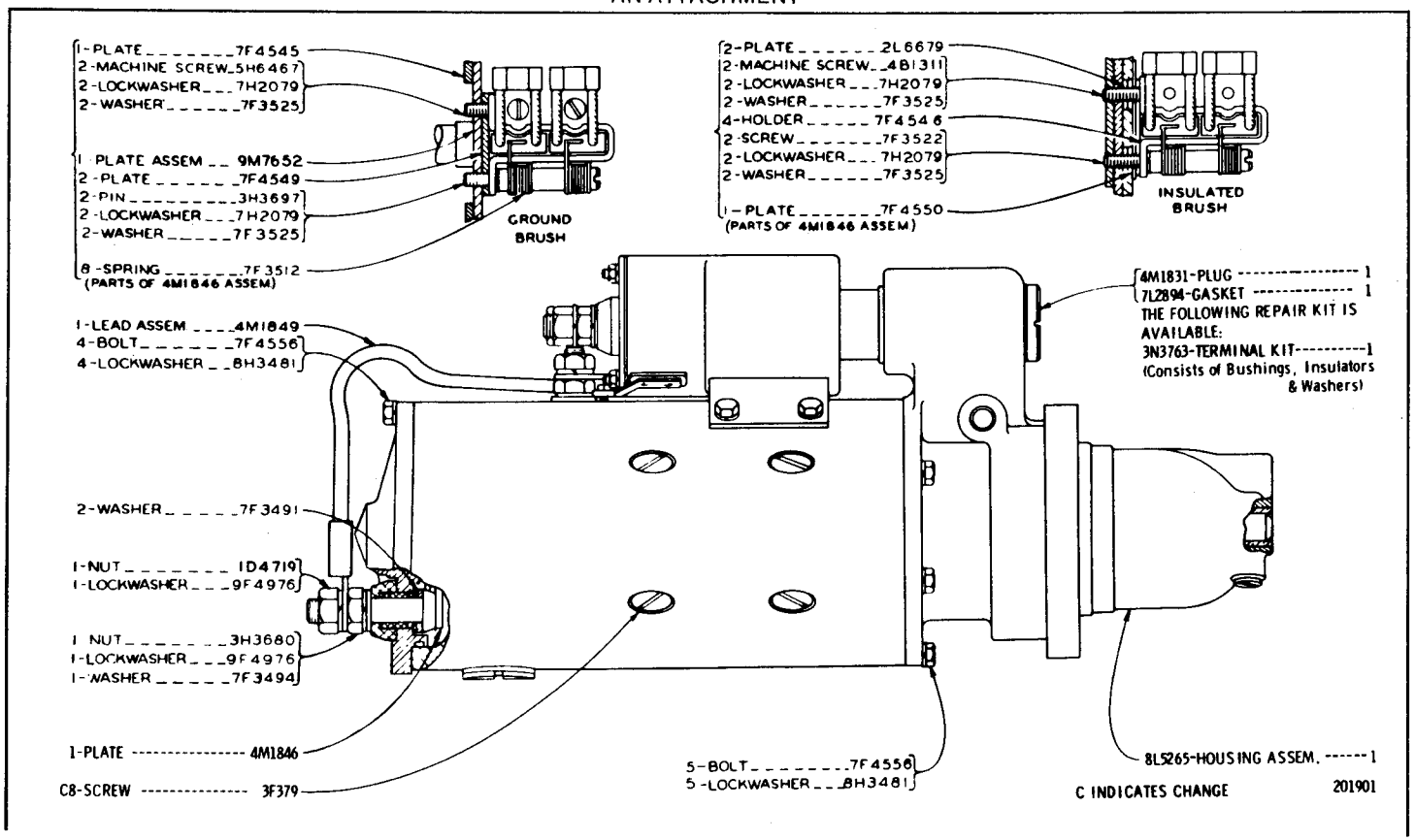
227131

4N9312 ELECTRIC STARTING MOTOR GROUP—24 Volt
FOR USE WITH SAE NO. 2 OR NO. 3 FLYWHEEL HOUSING

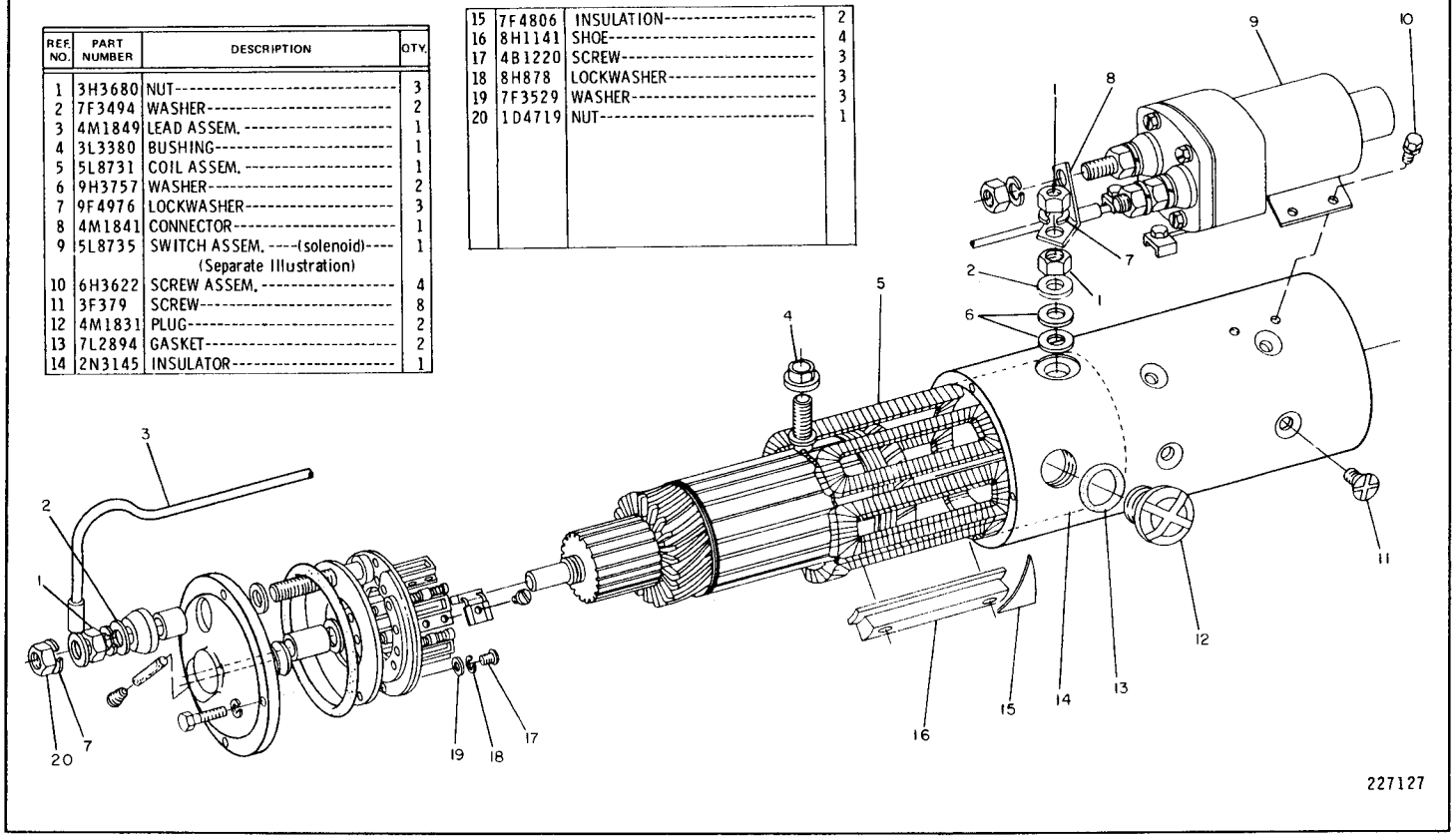


9L3597 ELECTRIC STARTING MOTOR ASSEMBLY—12 Volt—Part 1
Part of 2N9305 Electric Starting Motor Group shown on Page 199. 7L6586 Switch parts are shown on Page 208. AN ATTACHMENT

9L3597 ELECTRIC STARTING MOTOR ASSEMBLY—12 Volt—Part 2
Part of 2N9305 Electric Starting Motor Group shown on Page 199
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3H3680	NUT	3
2	7F3494	WASHER	2
3	4M1849	LEAD ASSEM.	1
4	3L3380	BUSHING	1
5	5L8731	COIL ASSEM.	1
6	9H3757	WASHER	2
7	9F4976	LOCKWASHER	3
8	4M1841	CONNECTOR	1
9	5L8735	SWITCH ASSEM. ----(solenoid)---- (Separate Illustration)	1
10	6H3622	SCREW ASSEM.	4
11	3F379	SCREW	8
12	4M1831	PLUG	2
13	7L2894	GASKET	2
14	2N3145	INSULATOR	1
15	7F4806	INSULATION	2
16	8H1141	SHOE	4
17	4B1220	SCREW	3
18	8H878	LOCKWASHER	3
19	7F3529	WASHER	3
20	1D4719	NUT	1

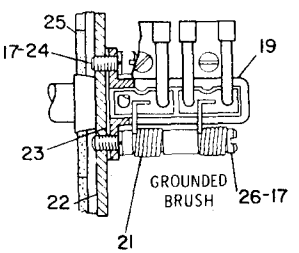


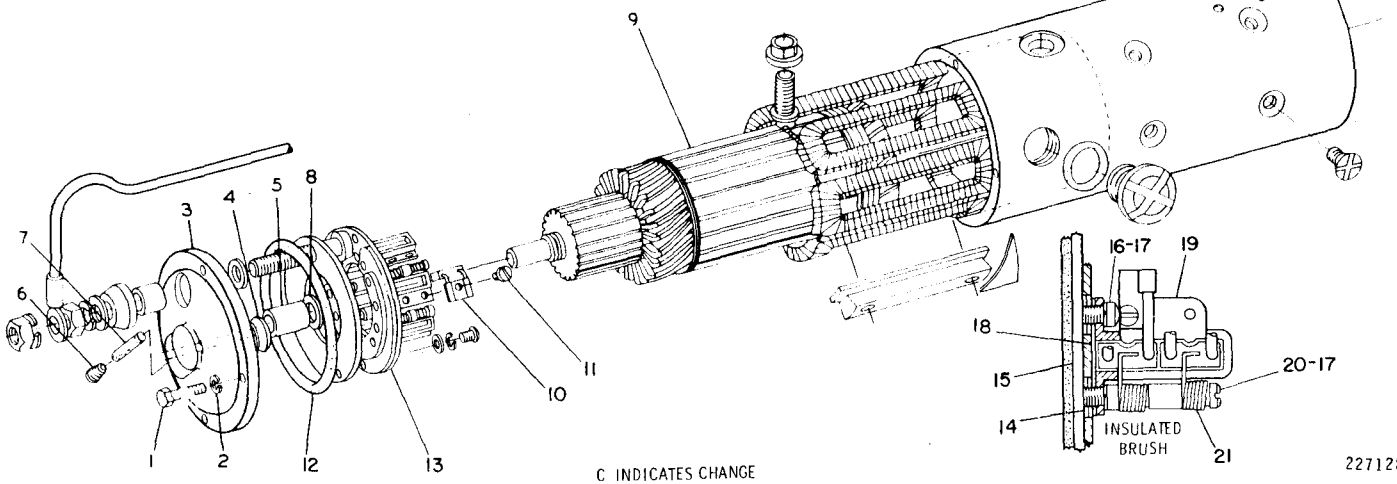
4N8253 MOTOR ASSEMBLY—12 Volt—Part 1 of 3
Part of 2N3538 Electric Starting Motor Group shown on Page 198
5L8735 Switch parts are shown on Page 208

4N8253 MOTOR ASSEMBLY—12 Volt—Part 2 of 3

Part of 2N3538 Electric Starting Motor Group shown on Page 198

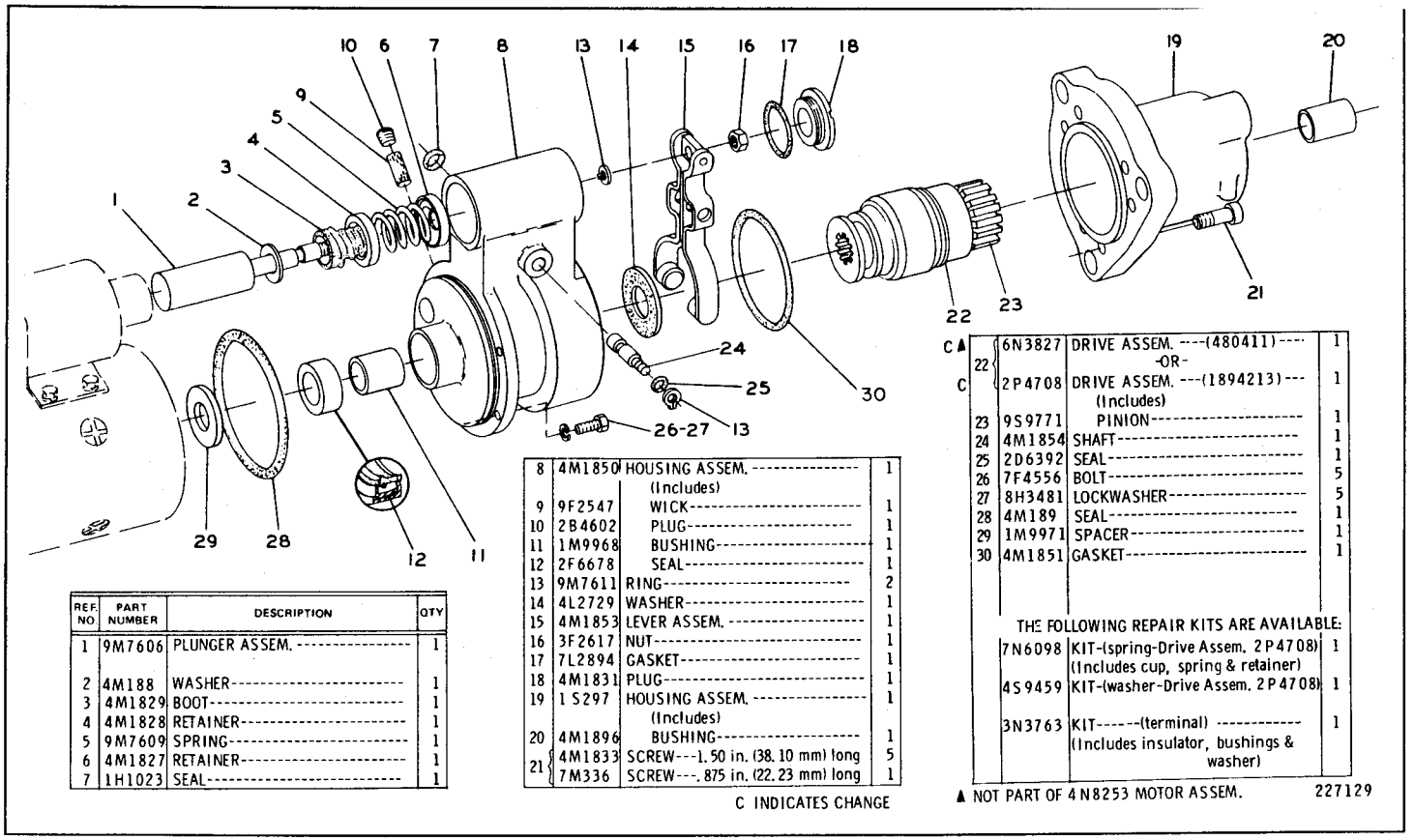
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7F4556	BOLT	4
2	8H3481	LOCKWASHER	4
3	4M1844	FRAME ASSEM. (Includes)	1
4	7S9826	PLUG-----(expansion)	1
C 5	9G4100	BUSHING	1
6	2B4602	PLUG	1
7	9F2547	WICK	1
8	2L8166	WASHER	1
9	7L6587	ARMATURE ASSEM.	1
10	5L8732	BRUSH ASSEM.	8
11	2F2860	SCREW	8
12	4M189	SEAL	1
13	4M1846	PLATE ASSEM. (Includes)	1
14	7F3525	WASHER	8
15	7F4550	PLATE	1
16	5H6467	SCREW	2
17	7H2079	LOCKWASHER	8
18	2L6679	PLATE	2
19	7F4546	HOLDER	4
20	7F3522	SCREW	2
21	7F3512	SPRING	8
22	9M7652	PLATE ASSEM.	1
23	7F4549	PLATE	2
24	4B1311	SCREW	2
25	7F4545	PLATE	1
26	3H3697	PIN-----(screw)	2





C INDICATES CHANGE

227128



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9M7606	PLUNGER ASSEM.	1
2	4M188	WASHER	1
3	4M1829	BOOT	1
4	4M1828	RETAINER	1
5	9M7609	SPRING	1
6	4M1827	RETAINER	1
7	1H1023	SEAL	1
8	4M1850	HOUSING ASSEM. (Includes)	1
9	9F2547	WICK	1
10	2B4602	PLUG	1
11	1M9968	BUSHING	1
12	2F6678	SEAL	1
13	9M7611	RING	2
14	4L2729	WASHER	1
15	4M1853	LEVER ASSEM.	1
16	3F2617	NUT	1
17	7L2894	GASKET	1
18	4M1831	PLUG	1
19	1S297	HOUSING ASSEM. (Includes)	1
20	4M1896	BUSHING	1
21	4M1833	SCREW---1.50 in. (38.10 mm) long	5
	7M336	SCREW---.875 in. (22.23 mm) long	1

C INDICATES CHANGE

	REF. NO.	PART NUMBER	DESCRIPTION	QTY
C▲	22	6N3827	DRIVE ASSEM. ---(480411)--- -OR-	1
C		2P4708	DRIVE ASSEM. ---(1894213)--- (Includes)	1
	23	9S9771	PINION	1
	24	4M1854	SHAFT	1
	25	2D6392	SEAL	1
	26	7F4556	BOLT	5
	27	8H3481	LOCKWASHER	5
	28	4M189	SEAL	1
	29	1M9971	SPACER	1
	30	4M1851	GASKET	1

THE FOLLOWING REPAIR KITS ARE AVAILABLE:

7N6098	KIT-(spring-Drive Assem. 2P4708) (Includes cup, spring & retainer)	1
4S9459	KIT-(washer-Drive Assem. 2P4708)	1
3N3763	KIT------(terminal) ---------- (Includes insulator, bushings & washer)	1

▲ NOT PART OF 4N8253 MOTOR ASSEM.

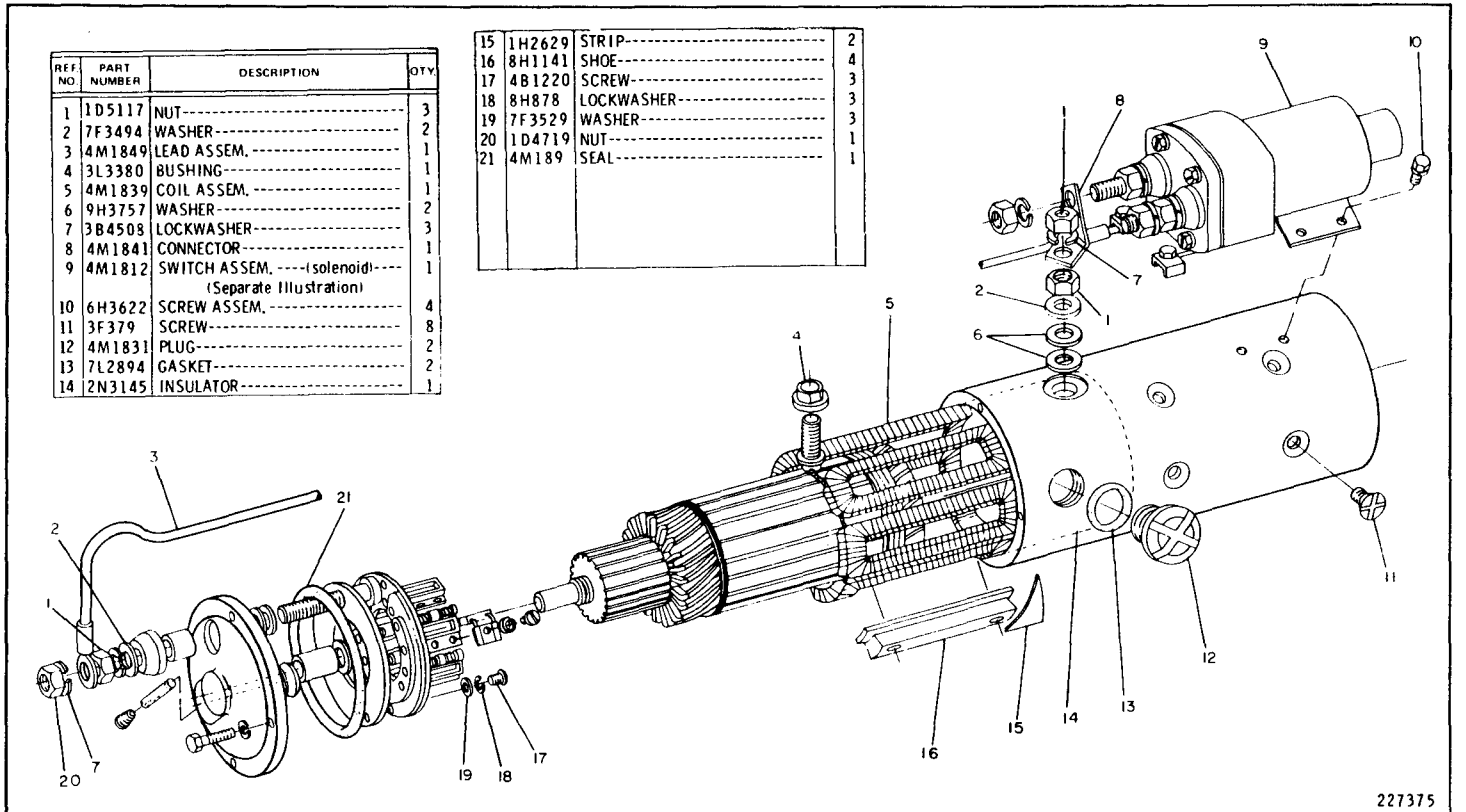
227129

4N8253 MOTOR ASSEMBLY—12 Volt—Part 3 of 3
Part of 2N3538 Electric Starting Motor Group shown on Page 198

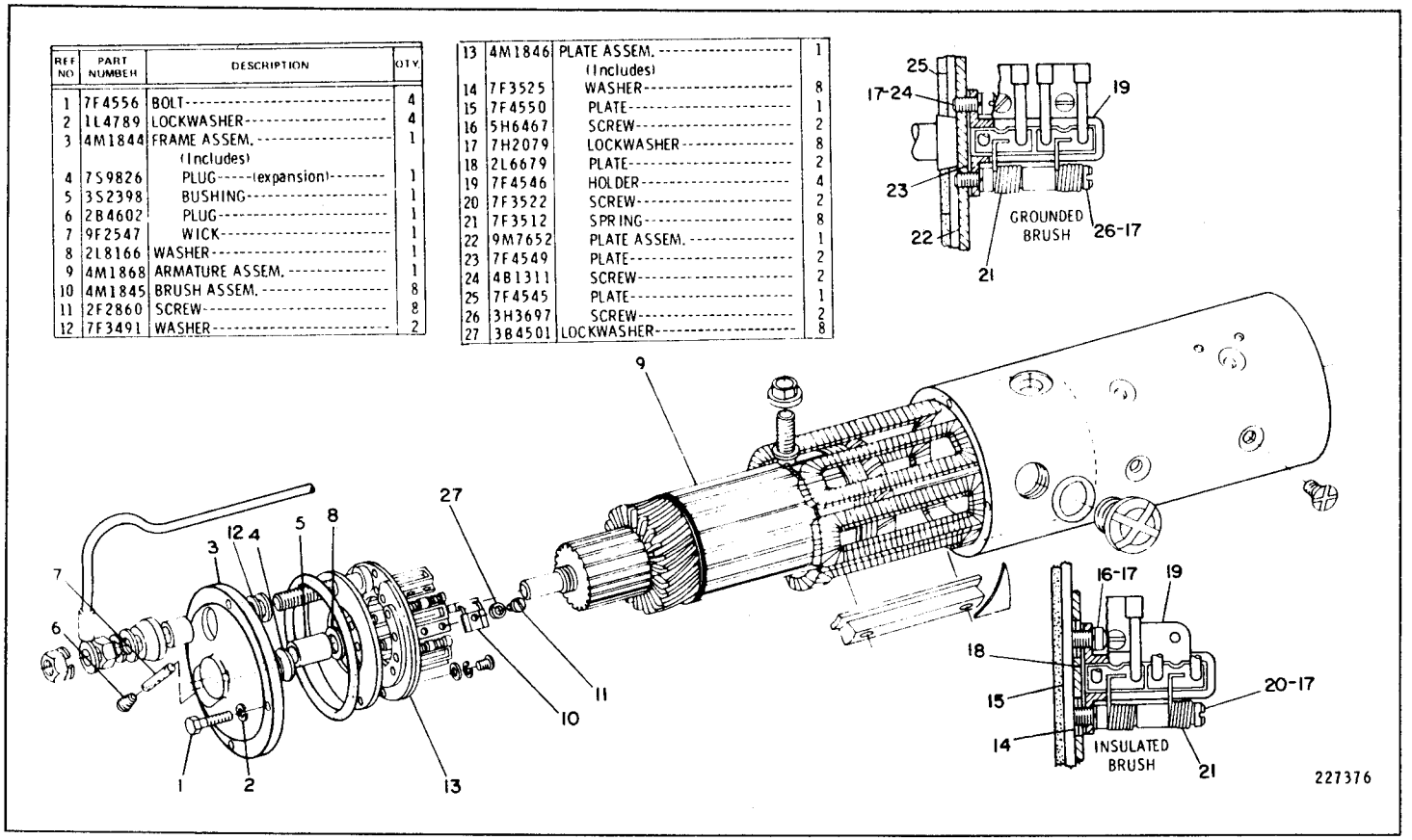
2S900 STARTING MOTOR ASSEMBLY—24 Volt—Part 1 of 3

Part of 4N9312 Electric Starting Motor Group shown on Page 199
4M1812 Switch parts are shown on Page 209. AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	1D5117	NUT	3
2	7F3494	WASHER	2
3	4M1849	LEAD ASSEM.	1
4	3L3380	BUSHING	1
5	4M1839	COIL ASSEM.	1
6	9H3757	WASHER	2
7	3B4508	LOCKWASHER	3
8	4M1841	CONNECTOR	1
9	4M1812	SWITCH ASSEM. ----(solenoid)---- (Separate Illustration)	1
10	6H3622	SCREW ASSEM.	4
11	3F379	SCREW	8
12	4M1831	PLUG	2
13	7L2894	GASKET	2
14	2N3145	INSULATOR	1
15	1H2629	STRIP	2
16	8H1141	SHOE	4
17	4B1220	SCREW	3
18	8H878	LOCKWASHER	3
19	7F3529	WASHER	3
20	1D4719	NUT	1
21	4M189	SEAL	1

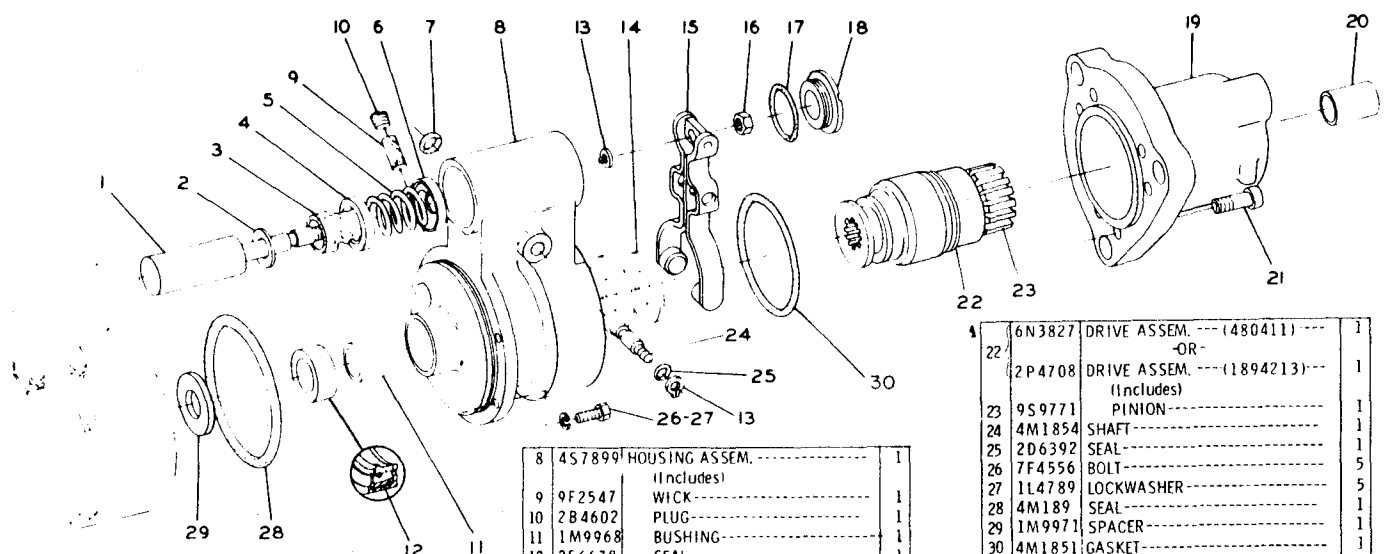


REF NO	PART NUMBER	DESCRIPTION	QTY
1	7F4556	BOLT	4
2	1L4789	LOCKWASHER	4
3	4M1844	FRAME ASSEM. (Includes)	1
4	7S9826	PLUG-----(expansion)	1
5	3S2398	BUSHING	1
6	2B4602	PLUG	1
7	9F2547	WICK	1
8	2L8166	WASHER	1
9	4M1868	ARMATURE ASSEM.	1
10	4M1845	BRUSH ASSEM.	8
11	2F2860	SCREW	8
12	7F3491	WASHER	2
13	4M1846	PLATE ASSEM. (Includes)	1
14	7F3525	WASHER	8
15	7F4550	PLATE	1
16	5H6467	SCREW	2
17	7H2079	LOCKWASHER	8
18	2L6679	PLATE	2
19	7F4546	HOLDER	4
20	7F3522	SCREW	2
21	7F3512	SPRING	8
22	9M7652	PLATE ASSEM.	1
23	7F4549	PLATE	2
24	4B1311	SCREW	2
25	7F4545	PLATE	1
26	3H3697	SCREW	2
27	3B4501	LOCKWASHER	8



2S900 STARTING MOTOR ASSEMBLY—24 Volt—Part 2 of 3
Part of 4N9312 Electric Starting Motor Group shown on Page 199
AN ATTACHMENT

2S900 STARTING MOTOR ASSEMBLY—24 Volt—Part 3 of 3
Part of 4N9312 Electric Starting Motor Group shown on Page 199
AN ATTACHMENT



	REF NO	PART NUMBER	DESCRIPTION	QTY
C	1	9M7606	PLUNGER ASSEM.	1
C	2	4M188	WASHER	1
	3	4M1829	BOOT	1
	4	4M1828	RETAINER	1
	5	9M7609	SPRING	1
	6	4M1827	RETAINER	1
	7	1H1023	SEAL	1
	8	4S7899	HOUSING ASSEM. (Includes)	1
	9	9F2547	WICK	1
	10	2B4602	PLUG	1
	11	1M9968	BUSHING	1
	12	2F6678	SEAL	1
	13	9M7611	RING	2
	14	4L2729	WASHER	1
	15	4M1853	LEVER ASSEM.	1
	16	3F2617	NUT	1
	17	7L2894	GASKET	1
	18	4M1831	PLUG	1
C	19	1S297	HOUSING ASSEM. (Includes)	1
	20	4M1896	BUSHING	1
	21	4M1833	SCREW---1.50 in. (38.10 mm) long	5
		7M336	SCREW---.875 in. (22.23 mm) long	1
▲	22	6N3827	DRIVE ASSEM. ---(480411)--- -OR-	1
		2P4708	DRIVE ASSEM. ---(1894213)--- (Includes)	1
	23	9S9771	PINION	1
	24	4M1854	SHAFT	1
	25	2D6392	SEAL	1
	26	7F4556	BOLT	5
	27	1L4789	LOCKWASHER	5
	28	4M189	SEAL	1
	29	1M9971	SPACER	1
	30	4M1851	GASKET	1

THE FOLLOWING REPAIR KITS ARE AVAILABLE:

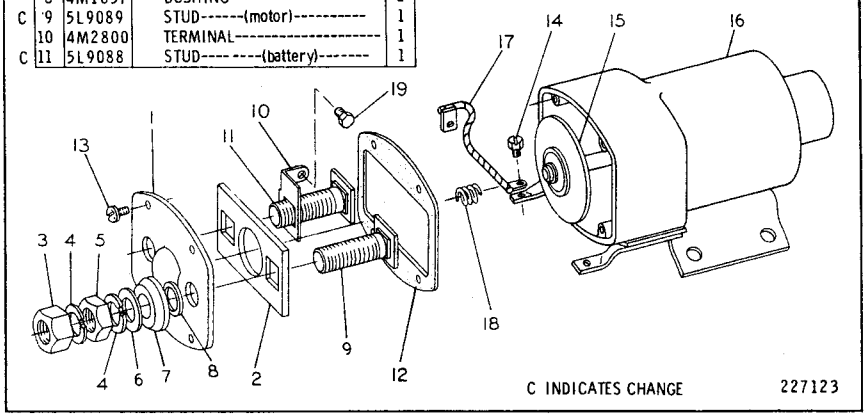
7N6098	KIT-(spring-Drive Assem. 2P4708) (Includes cup, spring & retainer)	1
4S9459	KIT-(washer-Drive Assem. 2P4708)	1
3N3763	KIT-----(terminal) ----------- (Includes insulator, bushings & washer)	1

C INDICATES CHANGE

▲ NOT PART OF 2S900 MOTOR GROUP

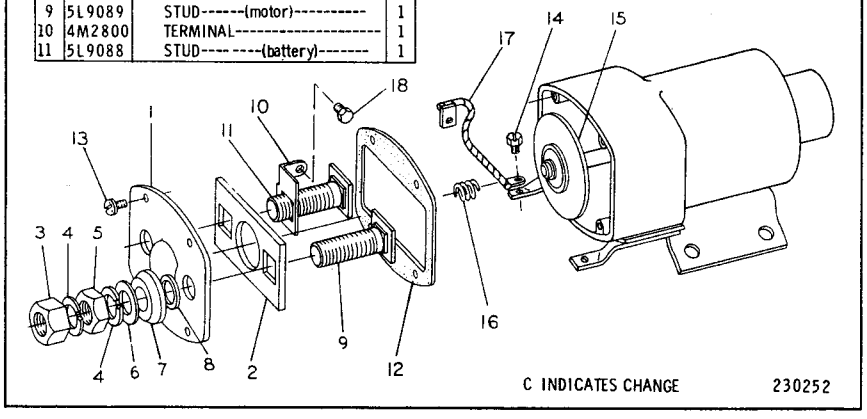
227377

	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
	1	5L9086	TERMINAL ASSEM. (Includes)	1
		4M1834	PLATE	1
	2	7F4907	STRIP	1
	3	3H3681	NUT	2
C	4	9F4976	LOCKWASHER	4
	5	3H3680	NUT	2
	6	7F3494	WASHER	2
	7	4M1836	INSULATOR	2
	8	4M1837	BUSHING	2
C	9	5L9089	STUD------(motor)----------	1
	10	4M2800	TERMINAL	1
C	11	5L9088	STUD---------(battery)-------	1
C	12	9S4490	GASKET	1
C	13	8H4180	SCREW ASSEM.	4
	14	4M3217	SCREW	2
	15	4M1814	CONTACT ASSEM.	1
	16	5L9085	CASE ASSEM.	1
C	17	1P3879	LEAD ASSEM.	1
	18	4M1815	SPRING	1
	19	4M5274	SCREW---(truss head) - OR -	1
C		5P9132	SCREW----(hex head)----------	1



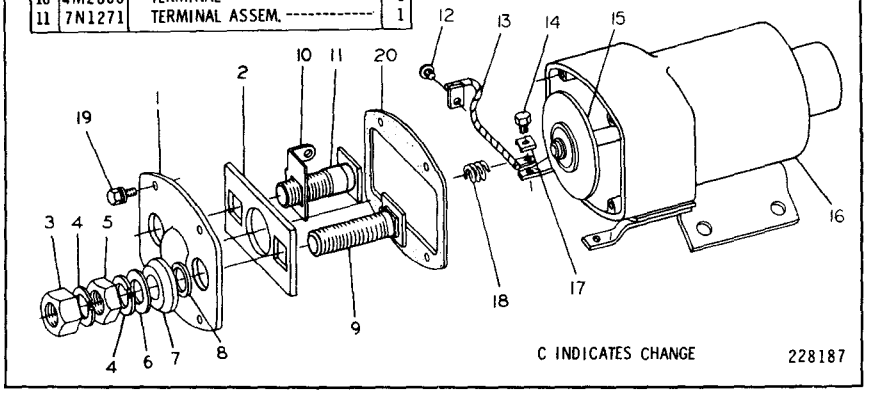
5L8735 SOLENOID SWITCH ASSEMBLY—12 Volt
Part of 4N8253 Motor Assembly shown on Page 202. AN ATTACHMENT

	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
	1	5L9086	TERMINAL ASSEM. (Includes)	1
		4M1834	PLATE	1
	2	7F4907	STRIP	1
	3	3H3681	NUT	2
	4	9F4976	LOCKWASHER	4
	5	3H3680	NUT	2
	6	7F3494	WASHER	2
	7	4M1836	INSULATOR	2
	8	4M1837	BUSHING	2
	9	5L9089	STUD------(motor)----------	1
	10	4M2800	TERMINAL	1
	11	5L9088	STUD---------(battery)-------	1
	12	9S4490	GASKET	1
	13	8H4180	SCREW ASSEM.	4
	14	4M3217	SCREW	2
C	15	9G6770	CONTACT ASSEM.	1
	16	4M1815	SPRING	1
	17	1P3879	LEAD ASSEM.	1
	18	4M5274	SCREW---(truss head) - OR -	1
		5P9132	SCREW----(hex head)----------	1



7L6586 SOLENOID SWITCH ASSEMBLY—12 Volt
Part of 9L3597 Electric Starting Motor Assembly shown on Page 200

REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	7N1269	TERMINAL ASSEM.	1
	4M1834	PLATE	1
2	7F4907	STRIP	1
3	3H3681	NUT	2
4	3B4508	LOCKWASHER	4
5	3H3680	NUT	2
6	7F3494	WASHER	2
7	4M1836	INSULATOR	2
8	4M1837	BUSHING	2
9	7F4906	STUD	1
10	4M2800	TERMINAL	1
11	7N1271	TERMINAL ASSEM.	1
12	4M5274	SCREW--(hex head)	1
		- OR -	
C	5P9132	SCREW--(truss head)	1
13	1P3879	LEAD ASSEM.	1
14	4M3217	SCREW	2
C 15	9G6770	CONTACT ASSEM.	1
16	4M1813	CASE ASSEM.	1
17	1F73	CLIP	2
18	4M1815	SPRING	1
19	9M7657	NUT	4
		- OR -	
	9S4489	SCREW ASSEM.	4
20	9S4490	GASKET	4



4M1812 SOLENOID SWITCH ASSEMBLY
Part of 2S900 Starting Motor Assembly shown on Page 205
AN ATTACHMENT