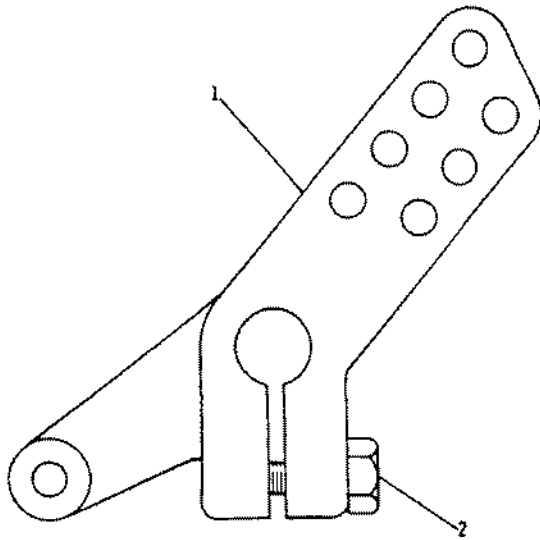


FUEL SYSTEM

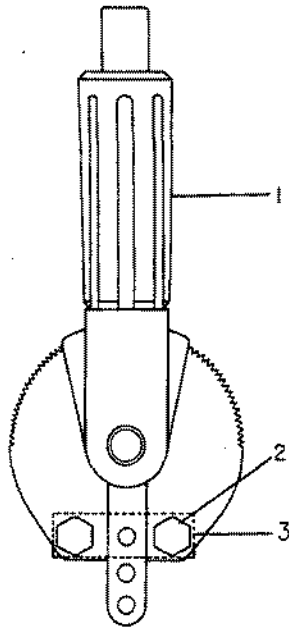


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5L1171	1	LEVER-GOVERNOR CONTROL
	2	OS1618	1	BOLT

B-488907 EP

1265

3N7741 CONTROL GP-GOVERNOR
Provides Multi-Hole Governor Control
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	4N3828	1	CONTROL GP-GOVERNOR
	2	2B2694	2	BOLT
	3	6N0254	1	SPACER

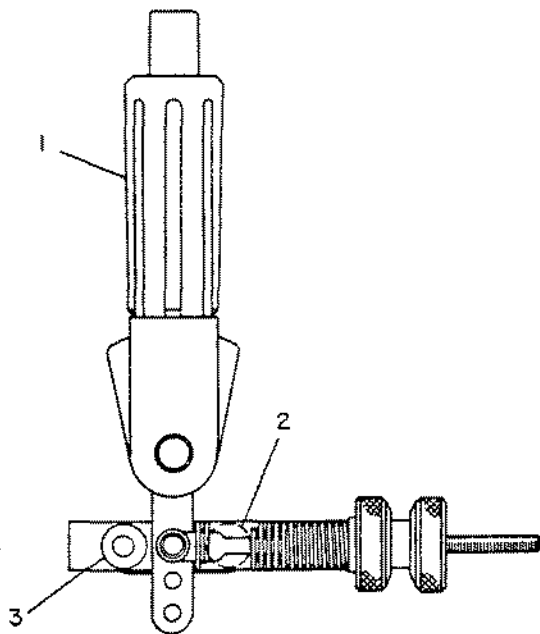
Y-SEPARATE ILLUSTRATION

R-577605 EP

1265

4N4599 CONTROL GP-GOVERNOR - REMOTE & POSITIVE LOCK
4N3828-Page 124
For Use With Sleeve Metering Fuel System
An Attachment

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	4N3829	1	CONTROL GP-GOVERNOR
	2	6N0768	2	SCREW-MACHINE
	3	6N0254	1	SPACER

Y-SEPARATE ILLUSTRATION

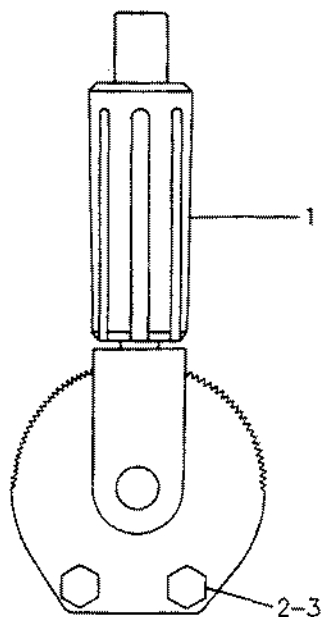
B-203169 EP

1265

4N4600 CONTROL GP-GOVERNOR - VERNIER & POSITIVE LOCK

4N3829-Page 125

For Use With Sleeve Metering Fuel System
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	4N3830	1	CONTROL GP-GOVERNOR
	2	2B2694	2	BOLT
	3	6N0254	1	SPACER

Y-SEPARATE ILLUSTRATION

R-544612 EP

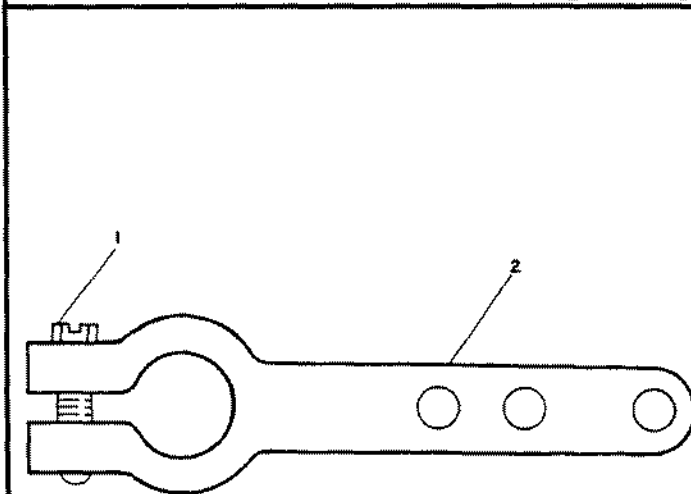
1265

4N4601 CONTROL GP-GOVERNOR - POSITIVE LOCK

4N3830-Page 126

For Use With Sleeve Metering Fuel System
An Attachment

FUEL SYSTEM



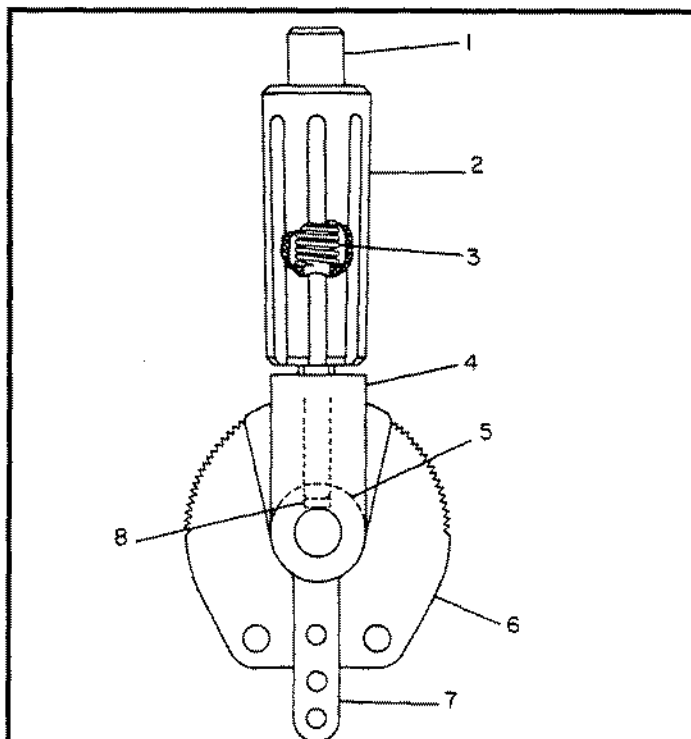
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1M1254	1	BOLT
	2	3N4892	1	LEVER-GOVERNOR CONTROL

B-220760 EP

1265

8N2177 CONTROL GP-GOVERNOR

Provides A Three Hole Governor Control Lever
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	4W2541	1	SHAFT-GOVERNOR CONTROL
	2	4N4523	1	HANDLE AS
C	3	4W2542	1	SPRING
	4	4N4520	1	GUIDE
	5	8L4282	1	HUB
C	6	6N0775	1	RATCHET-GOVERNOR CONTROL
	7	4N4519	1	QUADRANT-CONTROL
	8	5K0605	1	PLUG

C-CHANGE FROM PREVIOUS TYPE

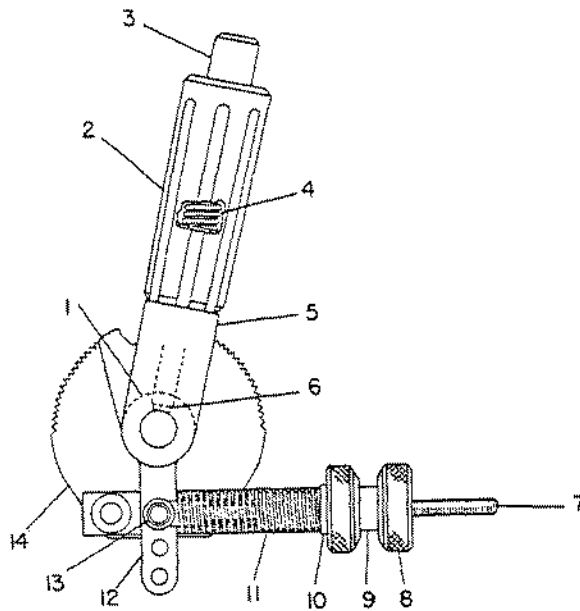
B-456597 EP

1265

4N3828 CONTROL GP-GOVERNOR - REMOTE & POSITIVE LOCK

Part Of 4N4599 Control-Governor
An Attachment

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8L4282	1	HUB
	2	4N4523	1	HANDLE AS
C	3	4W2541	1	SHAFT-GOVERNOR CONTROL
C	4	4W2542	1	SPRING
	5	4N4520	1	GUIDE
	6	5K0605	1	PLUG
	7	3N3786	1	ROD-THROTTLE CONTROL
	8	6B5150	2	LOCKNUT
	9	3N3787	1	BRACKET-CONTROL
	10	4J6750	1	SPACER
	11	2H0210	1	SPRING-SHUTOFF
	12	4N4519	1	QUADRANT-CONTROL
	13	1K6539	1	PIN
		3B4604	1	PIN-COTTER
C	14	6N0775	1	RATCHET-GOVERNOR CONTROL

C-CHANGE FROM PREVIOUS TYPE

B-330101 EP

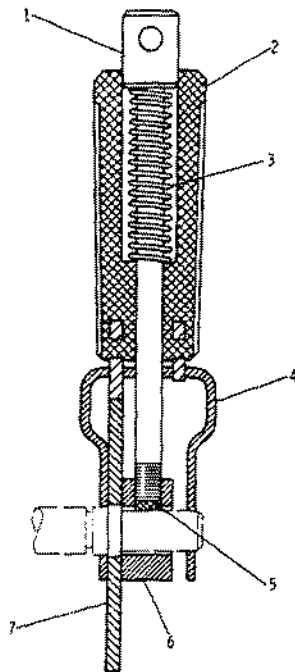
1265

4N3829 CONTROL GP-GOVERNOR - VERNIER & POSITIVE LOCK

Part Of 4N4600 Control-Governor

An Attachment

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4W2541	1	SHAFT-GOVERNOR CONTROL
	2	4N4523	1	HANDLE AS
		4N9029	1	WASHER
	3	4W2542	1	SPRING
	4	4N4520	1	GUIDE
	5	5K0605	1	PLUG
	6	8L4282	1	HUB
C	7	6N0775	1	RATCHET-GOVERNOR CONTROL

C-CHANGE FROM PREVIOUS TYPE

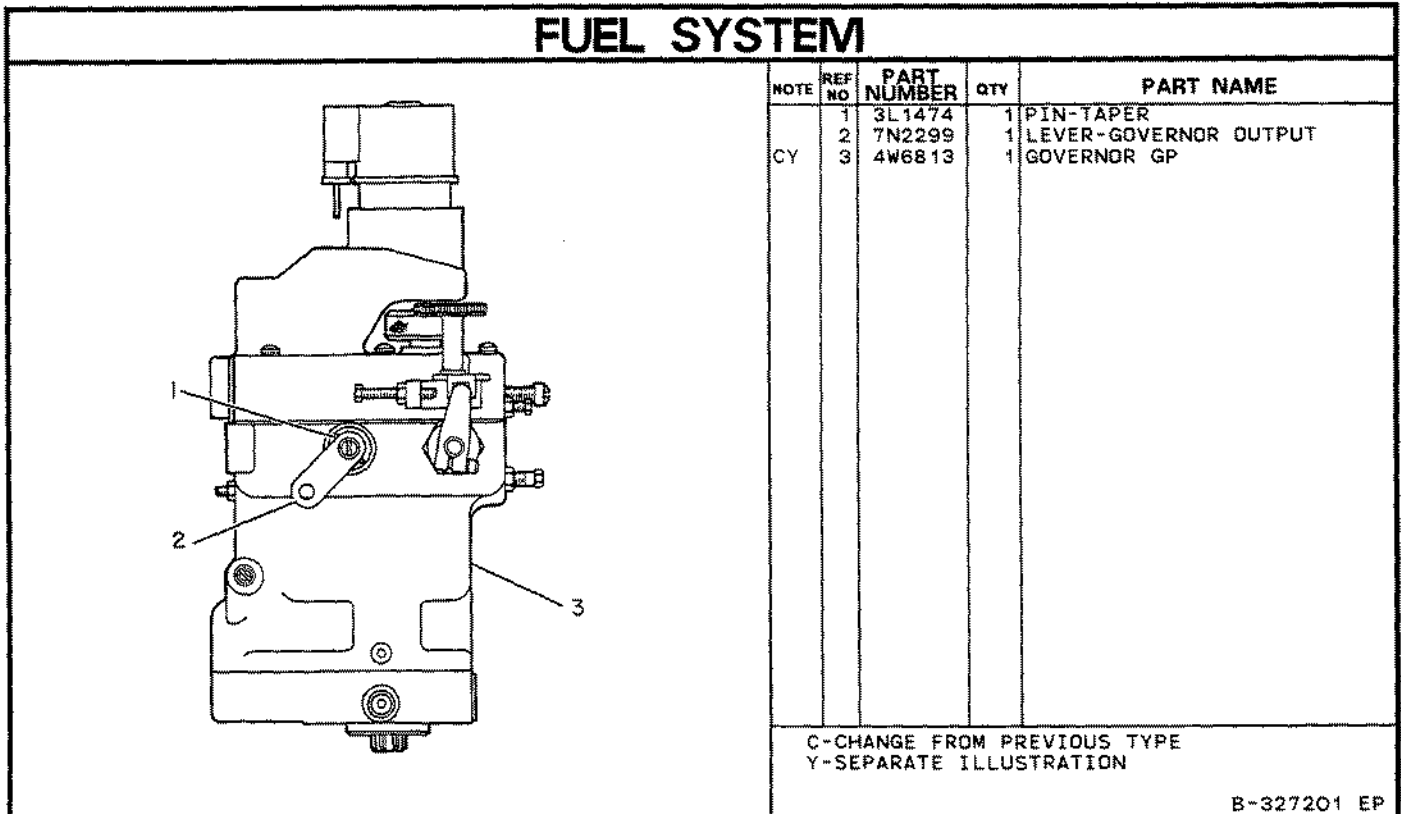
B-510948 EP

1265

4N3830 CONTROL GP-GOVERNOR - POSITIVE LOCK

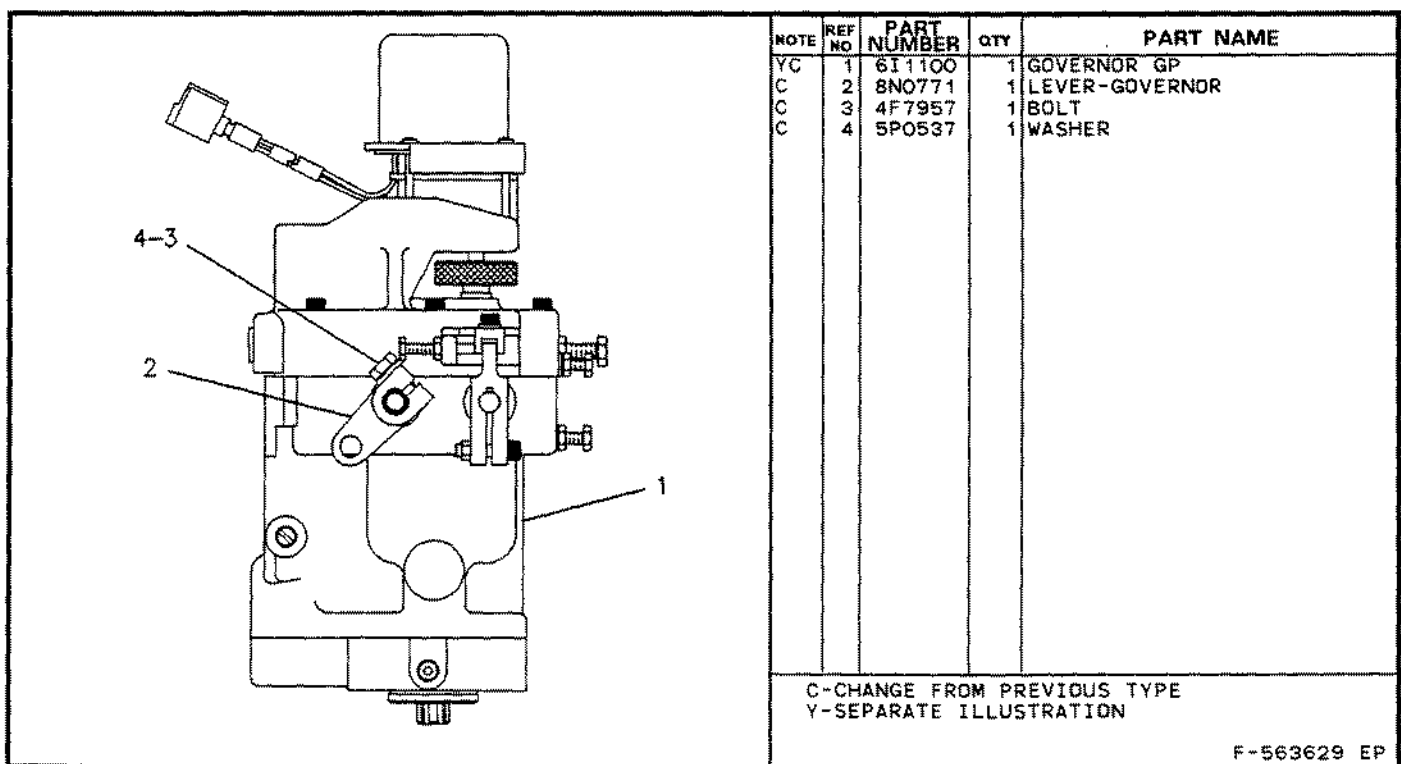
Part Of 4N4601 Control-Governor
An Attachment

FUEL SYSTEM



1289

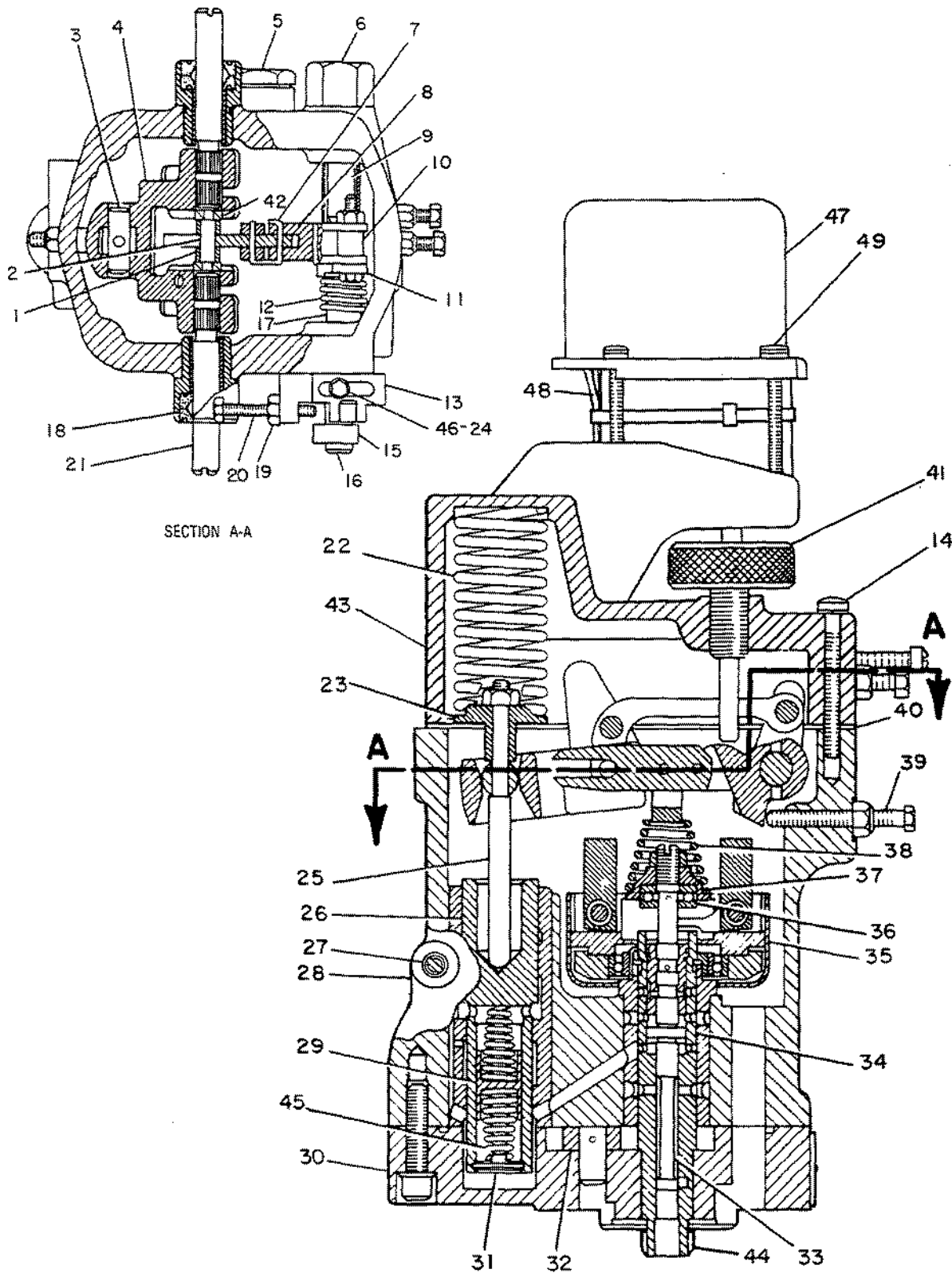
8N5874 GOVERNOR GP-WOODWARD
4W6813-Page 128 Type 1
An Attachment



1289

8N5874 GOVERNOR GP-WOODWARD
6I1100-Page 129.01 Type 2
An Attachment

FUEL SYSTEM



B-475386 EP

1286

4W6813 GOVERNOR GP-WOODWARD
 Replaced By 6I1100 Governor
 Part Of 8N5874 Governor
 An Attachment

FUEL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	5N3891	2	WASHER					
	2	5N3887	1	PIN					
	3	6N7530	1	PIN-PIVOT					
	4	1W4892	1	LEVER AS					
	5	6L4007	1	VALVE AS-RELIEF					
	6	6F3480	1	SLEEVE AS-ADJUSTABLE					
	7	2N1894	1	PIN-SPRING					
	8	5N3915	1	LINK AS					
	9	5N3890	1	SHAFT-SPEED ADJUSTMENT					
	10	5N3885	1	LINK-SPEED DROOP					
	11	5N4111	1	SPACER					
	12	5N4112	1	SPRING-TORSION					
	13	5N3892	1	BRACKET					
	14	5H6618	5	SCREW-MACHINE					
		8F1434	5	LOCKWASHER					
	15	5N3913	1	LEVER-DROOP					
	16	5N3911	1	SHAFT AS-DROOP					
	17	5N3916	1	SLEEVE AS-ADJUSTABLE					
	18	1N3316	3	SEAL-OIL					
	19	4B2043	1	NUT					
	20	5N3883	1	SCREW-DROOP ADJUSTMENT					
	21	6L9838	2	SHAFT-TERMINAL					
	22	3N5723	1	SPRING					
	23	3N5729	1	SEAT-SPRING					
C	24	3B4502	1	LOCKWASHER					
	25	3N5728	1	STRUT-SERVO					
	26	3N5727	1	PISTON-POWER					
	27	5N3889	1	VALVE-NEEDLE					
		5N3908	1	PLUG					
	28	5N3912	1	CASE AS					
	29	6L3997	1	PISTON-BUFFER					
	30	7L3107	1	BASE AS-GOVERNOR					
	31	6L3995	1	SEAT-SPRING					
	32	6L3983	1	GEAR-IDLER (10 TEETH)					
	33	6L3994	1	PLUNGER-VALVE					
	34	6L3992	1	BUSHING-TERMINAL					
	35	7N0001	1	BALL HEAD AS					
	36	7N4533	1	BEARING-THRUST					
	37	6L3996	1	SEAT-SPRING					
	38	7N6052	1	SPRING AS-SPEED					
	39	5N3886	1	SCREW					
	40	2F2293	1	GASKET-COVER					
	41	5N3909	1	CLUTCH AS					
	42	5N3884	2	BLOCK-SPEED DROOP SLIDER					
	43	1W4911	1	COVER					
	44	6L4003	1	BUSHING-VALVE					
	45	6L3990	2	SPRING-BUFFER					
C	46	3K6168	1	BOLT					
	47	4W5123	1	MOTOR AS					
C		7N7779	1	SOCKET					
C		7N7780	1	PIN-CONNECTOR					
C		7N9738	1	HOUSING-RECEPTACLE					
CBD	48	5P5624		WIRE (14 GAUGE)					
	49	9N6225	4	SCREW					
		9B1117	4	LOCKWASHER					
				THE FOLLOWING REPAIR KIT IS AVAILABLE					
		7N6807	1	KIT-HARDWARE					

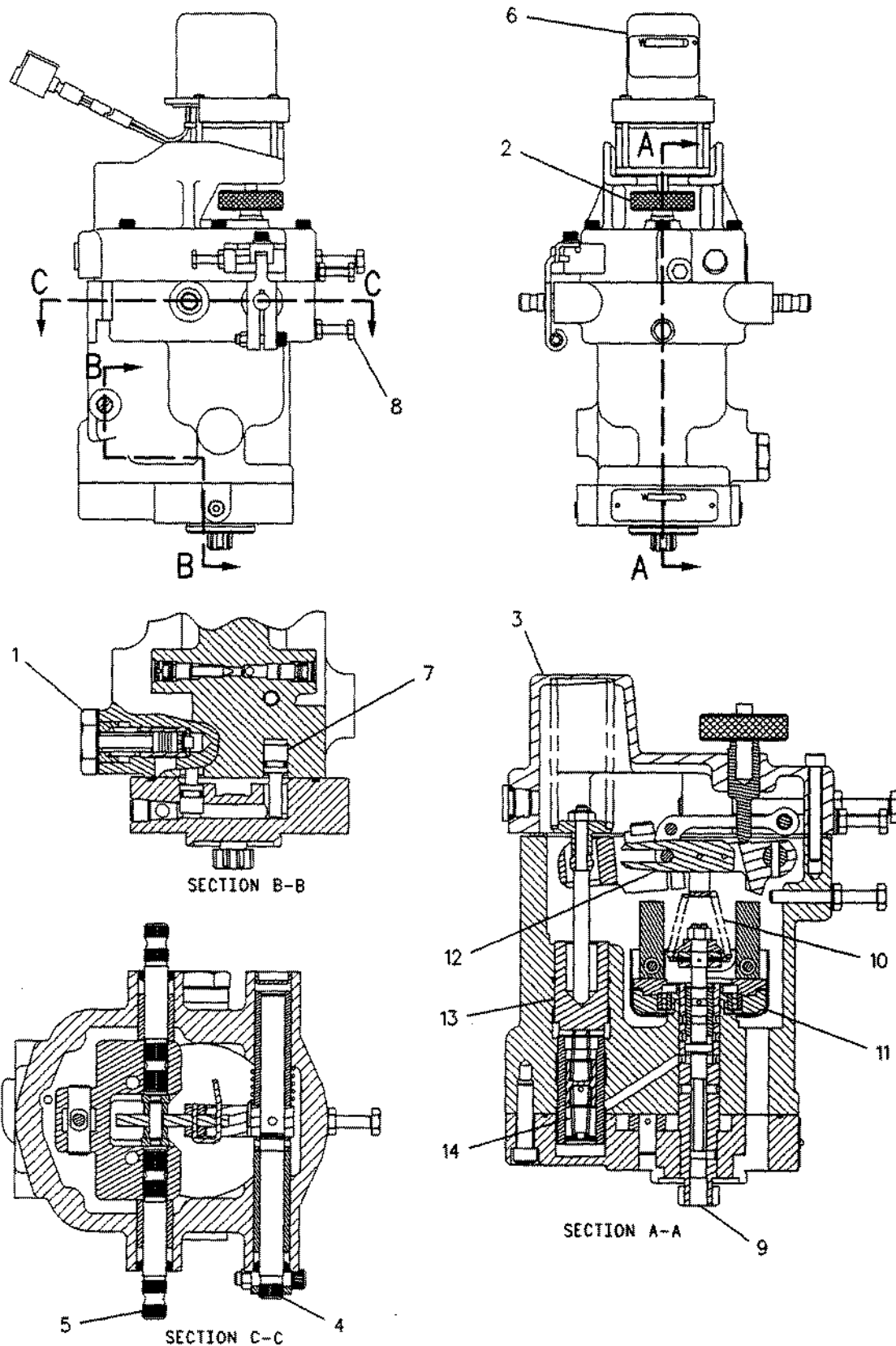
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER

475387 EP

1286

4W6813 GOVERNOR GP-WOODWARD
Replaced By 6I1100 Governor
Part Of 8N5874 Governor
An Attachment

FUEL SYSTEM



F-554826 EP

6I1100 GOVERNOR GP
Part Of 8N5874 Governor
An Attachment

FUEL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6I0984	1	KIT-RELIEF VALVE					
	2	4P8388	1	CLUTCH AS					
	3	4P9624	1	KIT-COVER REPAIR					
	4	6I1178	1	KIT-DROOP SHAFT					
	5	4P9622	1	KIT-LEVER REPAIR					
	6	4W5123	1	MOTOR AS					
		7N7779	1	SOCKET					
		7N7780	1	PIN-CONNECTOR					
		7N9738	1	HOUSING-RECEPTACLE					
	7	4P9623	1	KIT-PLUG REPAIR					
	8	4P9625	1	KIT-GOVERNOR CONTROL STOP					
	9	4P9627	1	KIT-GOVERNOR VALVE					
	10	6I1103	1	SPRING AS					
	11	7N0001	1	BALL HEAD AS					
	12	4P9626	1	KIT-GOVERNOR LINKAGE					
	13	4P9629	1	KIT-GOVERNOR PISTON					
	14	4P9628	1	KIT-BUFFER SPRING					
				THE FOLLOWING REPAIR KIT IS AVAILABLE:					
		4P9621	1	KIT-GOVERNOR REPAIR (INCLUDES GASKET,PIN, SEALS, WASHER, PLUGS, RINGS, BEARING AND RACE.)					

554827 EP

6I1100 GOVERNOR GP
Part Of 8N5874 Governor
An Attachment

FUEL SYSTEM

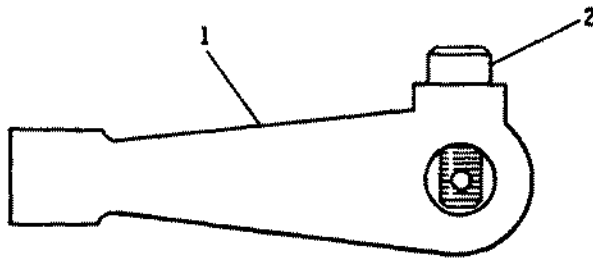
- 1 4N6547 HOUSING AS--ADJ.ORIFICE GOVERNOR
 - INCLUDES:
 - 1 5M6214 PLUG
 - 2 4N0260 SEAL
 - 1 4N2333 DOWEL
 - 1 4N2786 SEAL
 - 2 8S6814 DOWEL
 - 1 6N2578 BEARING
 - 1 9S4180 PLUG
- 1 6N4655 DASHPOT AS
- 1 4N0594 GASKET-GVNR.HOUSING TO FUEL PUMP HOUSING
- 1 4N5485 BODY--VALVE
- 1 4N5484 VALVE--NEEDLE
- 1 6H9691 SEAL--VALVE TO BODY
- 1 5F9144 SEAL--BODY TO GOVERNOR HOUSING
- 3 4N5524 WEIGHTS--GOVERNOR
- 1 4N1723 SHIELD--WEIGHT CARRIER
- 3 4N2955 BOLT--WEIGHT CARRIER TO CAMSHAFT
- 1 3H0442 SEAL--RISER LEVER SHAFT
- 1 4N0049 GASKET--IDLE ADJUSTMENT COVER
- 1 4N0508 GASKET--TORQUE SPRING COVER
- 1 4N0159 GASKET--ADAPTER TO GOVERNOR HOUSING
- 1 6L5773 GASKET-SMOKE LIMITER TO SHUT-OFF HOUSING
- 2 4N0117 GASKET--SOLENOID TO SHUT-OFF HOUSING
- 1 4N4221 SPRING--(2) PINK STRIPES
- 1 4N4223 SPRING--(2) YELLOW STRIPES
- 1 4N4224 SPRING--(2) YELLOW AND (1) WHITE STRIPE
- 1 4N0402 GASKET--THROTTLE COVER
- 1 6N6597 GASKET--SHUT-OFF HOUSING TO ADAPTER
- 1 6N8158 SPRING--(3) GREEN & (1) YELLOW STRIPE
- 1 6N8157 SPRING--(3) PINK AND (1) WHITE STRIPE
- 1 4N9191 SPRING--(2) WHITE AND (1) PINK STRIPE
- 1 4N9192 SPRING--(2) PINK AND (1) WHITE STRIPE
- 1 FORM SMHS-6762

534506 P

1283

6N6901 CONVERSION GP-GOVERNOR - INLINE SMFS CLOSE REGULATION
Field Installation

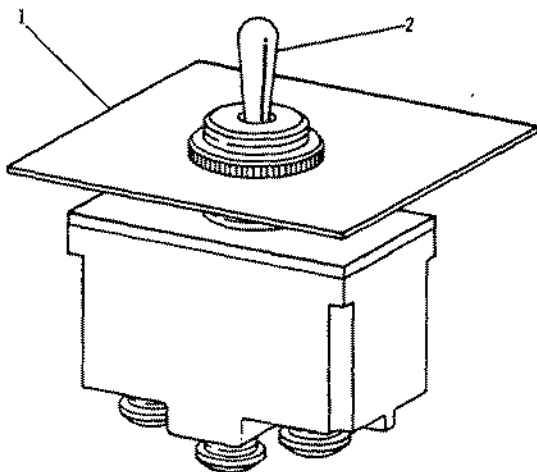
FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3N2825	1	LEVER-SHUTOFF
	2	7J9018	1	BOLT-SOCKET HEAD
R-518538 EP				

1265

6N2554 SHUT-OFF GP-MANUAL GOVERNOR
An Attachment

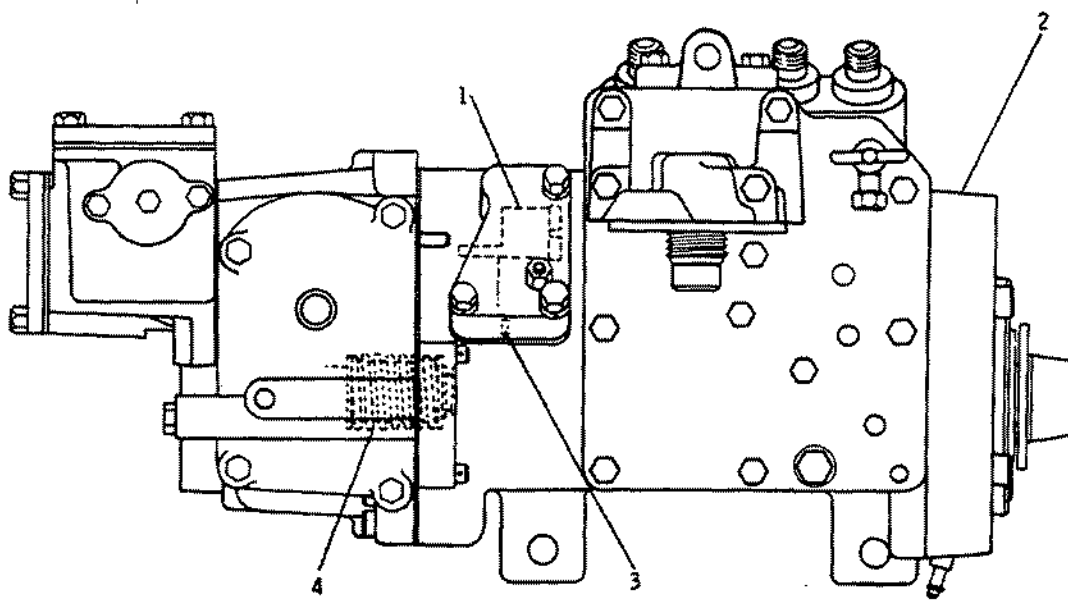


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3L4576	1	NAMEPLATE
	2	7N8008	1	SWITCH AS (GOVERNOR)
		8N6669	1	DIAGRAM-WIRING
B-176707 EP				

1264

8N6670 SWITCH GP-WOODWARD GOVERNOR
An Attachment

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6N509	TORQUE CONTROL-----	1
2	6N6271	GOVERNOR & FUEL INJECTION PUMP (Separate Illustration)	1

3	4N443	PIN-----	1
4	4N4227	SPRING-----	1

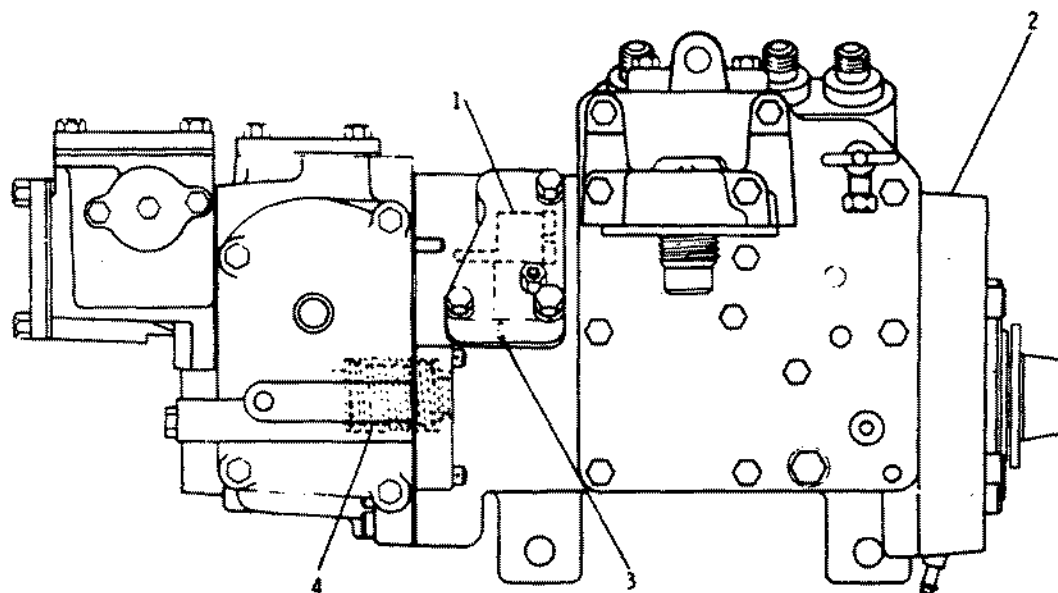
160297

160297 EP

1286

6N6210 GOVERNOR & FUEL INJECTION PUMP GP
6N0509-Page 147, 6N6271-Page 134

FUEL SYSTEM



REF. NO	PART NUMBER	DESCRIPTION	QTY
1	6N509	TORQUE CONTROL-----	1
2	6N251	GOVERNOR & FUEL INJECTION PUMP (Separate Illustration)	1

3	4N443	PIN-----	1
4	6N8157	SPRING-----	1

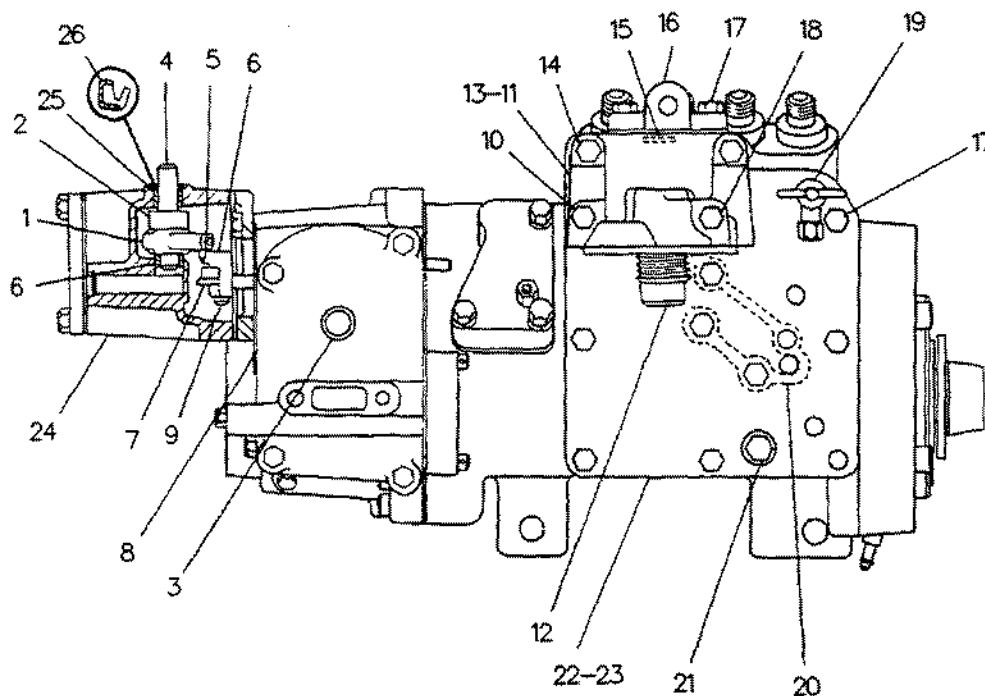
216848

216848 EP

1286

7N6427 GOVERNOR & FUEL INJECTION PUMP GP
6N0251-Page 136, 6N0509-Page 147

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3N2820	1	LEVER AS		22	4N4350	1	COVER-SIDE
	2	3N9633	1	LEVER AS		23	4N9056	1	GASKET-COVER
		3N9634	1	LEVER		24	7N3094	1	ADAPTER AS
		5H8985	1	PIN-SPRING		25	4N9467	2	BEARING
	3	6N0248	1	SHAFT AS-CONTROL		26	3N2813	1	SEAL-LIP TYPE
	4	3N2815	1	SHAFT-SHUTOFF					
	5	9F1707	1	BOLT					
	6	3N2824	1	LEVER AS					
	7	6N0625	1	TUBE					
	8	4N0159	1	GASKET					
	9	2N2658	1	BOLT-SOCKET HEAD					
	10	9F7022	1	BOLT					
	11	4N5490	1	BASE AS-FUEL FILTER					
	12	9S4167	1	STUD-HOLLOW					
	13	6N2843	1	GASKET-FILTER BASE					
	14	9F6580	2	BOLT					
	15	4N9336	1	DISC					
	16	4N7572	1	ELBOW-FUEL RETURN					
		4N9337	1	GASKET-ELBOW					
	17	OS1615	1	BOLT					
	18	8S4710	1	BOLT					
C	19	7N0450	1	VALVE AS					
	20	6N2810	1	CHANNEL					
		4N4431	1	GASKET-CHANNEL					
	21	9S4180	1	PLUG-O-RING					
		4U7533	1	SEAL-O-RING					

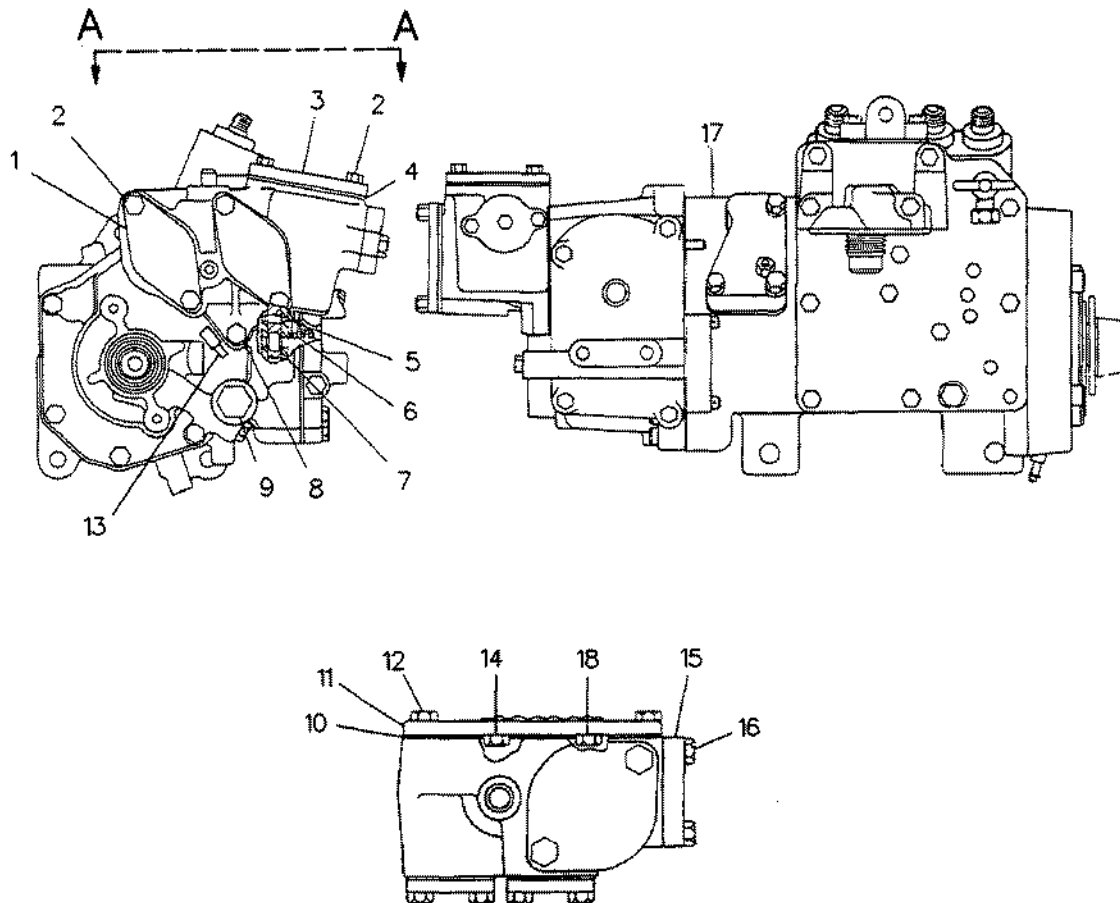
C-CHANGE FROM PREVIOUS TYPE

R-518431 EP

1286

6N6271 GOVERNOR & FUEL INJECTION PUMP GP-PART 1 OF 2
Part Of 6N6210 Governor & Fuel Injection Pump

FUEL SYSTEM



VIEW A-A

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	4N8507	2	COVER					
		4N0117	2	GASKET-SOLENOID					
	2	2A0762	6	BOLT					
	3	3L5987	1	COVER					
	4	6L5773	1	GASKET					
	5	4N0444	2	PLATE-SPACER					
	6	9S8597	1	SPRING					
	7	4N8179	1	PIN-DETENT					
	8	4L3776	1	BOLT					
	9	9S4191	1	PLUG-O-RING					
		3J1907	1	SEAL-O-RING					
	10	2W1626	1	GASKET-ADAPTER					
	11	7N3096	1	BASE-ADAPTER					
	12	4F7957	3	BOLT					
	13	9S9332	1	FITTING-ELBOW					
	14	8F6302	1	BOLT					
	15	6N5933	1	COVER-SHUTOFF					
	16	OS1616	2	BOLT					
		6N7523	2	WASHER					
	17	6N5356	1	GOV & FUEL INJ PUMP GP					
	18	OS1615	1	BOLT					

Y-SEPARATE ILLUSTRATION

R-518429 EP

1286

6N6271 GOVERNOR & FUEL INJECTION PUMP GP-PART 2 OF 2

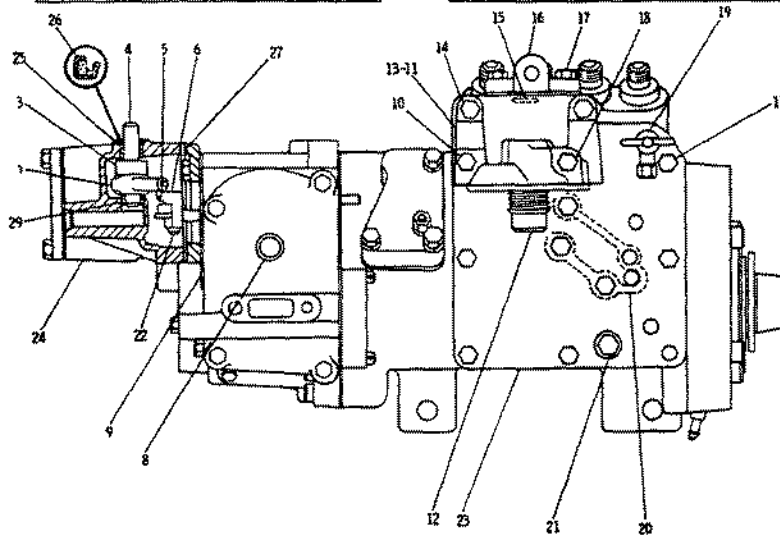
6N5356-Page 142

Part Of 6N6210 Governor & Fuel Injection Pump

FUEL SYSTEM

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N2820	LEVER ASSEM	1
3	3N9633	LEVER ASSEM (includes)	1
	5H8985	PIN	1

4	3N2815	SHAFT	1
5	9F1707	BOLT	1
6	3N2824	LEVER ASSEM (includes)	1
7	6N265	DOWEL	1
8	6N248	SHAFT ASSEM	1
9	4N159	GASKET	1



10	9F7022	BOLT	1
11	4N5490	BASE ASSEM (includes)	1
12	9S4167	STUD	1
13	6N2843	GASKET	1
14	9F6580	BOLT	2
15	4N9336	DISC	1
16	4N7572	ELBOW	1
17	4N9337	GASKET	1
18	S1615	BOLT	11
19	8S4710	BOLT	1
20	7N450	VALVE ASSEM	1
21	6N2810	CHANNEL	1
22	4N4431	GASKET	1
23	9S4180	PLUG	1
24	4J7533	SEAL	1
25	2N2658	BOLT	1
26	4N4350	COVER	1
27	4N9056	GASKET	1
28	7N3894	ADAPTER ASSEM (includes)	1
29	4N9467	BEARING	2
30	3N2813	SEAL	1
31	2W1626	GASKET	1

C INDICATES CHANGE

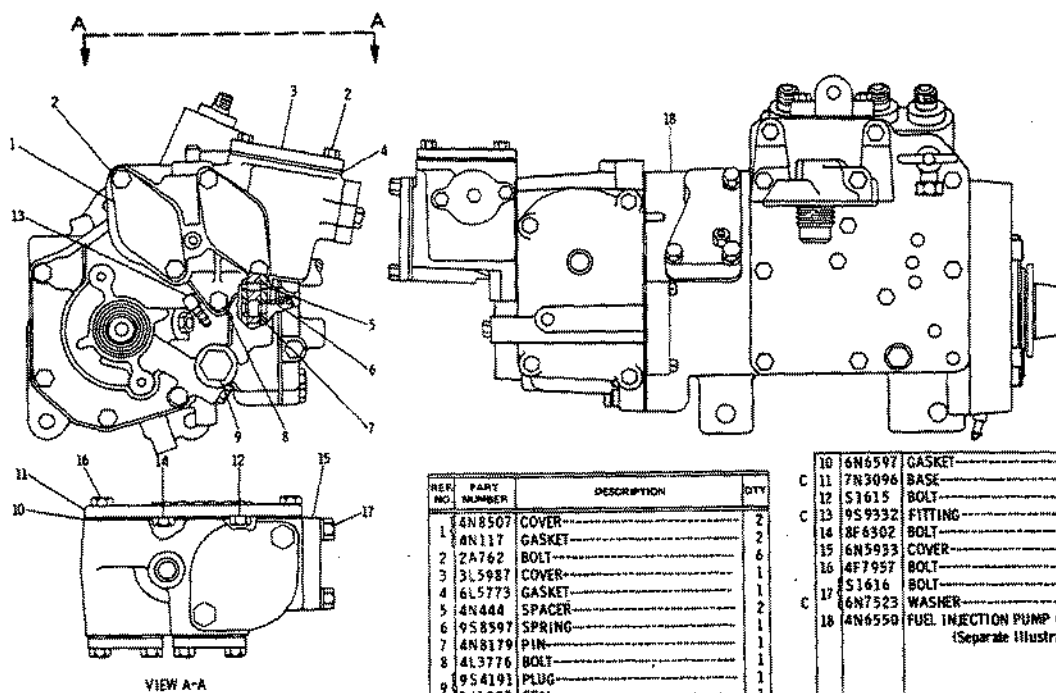
325196

1286

6N0251 GOVERNOR & FUEL INJECTION PUMP GP-PART 1 OF 2
Part Of 7N6427 Governor & Fuel Injection Pump

325196 EP

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N8507	COVER	2
2	4N117	GASKET	2
3	2A762	BOLT	6
4	3L5987	COVER	1
5	6L5773	GASKET	1
6	4N444	SPACER	2
7	9S8597	SPRING	1
8	4N8179	PIN	1
9	4L3776	BOLT	1
10	9S4191	PLUG	1
11	3J1907	SEAL	1

10	6N6597	GASKET	1
11	7N3096	BASE	1
12	S1615	BOLT	1
13	9S9332	FITTING	1
14	8F8302	BOLT	1
15	6N5933	COVER	1
16	4F7957	BOLT	3
17	S1616	BOLT	2
18	6N7523	WASHER	2
18	4N6550	FUEL INJECTION PUMP GROUP	1
		(Separate Illustration)	

C INDICATES CHANGE

217613

217613 EP

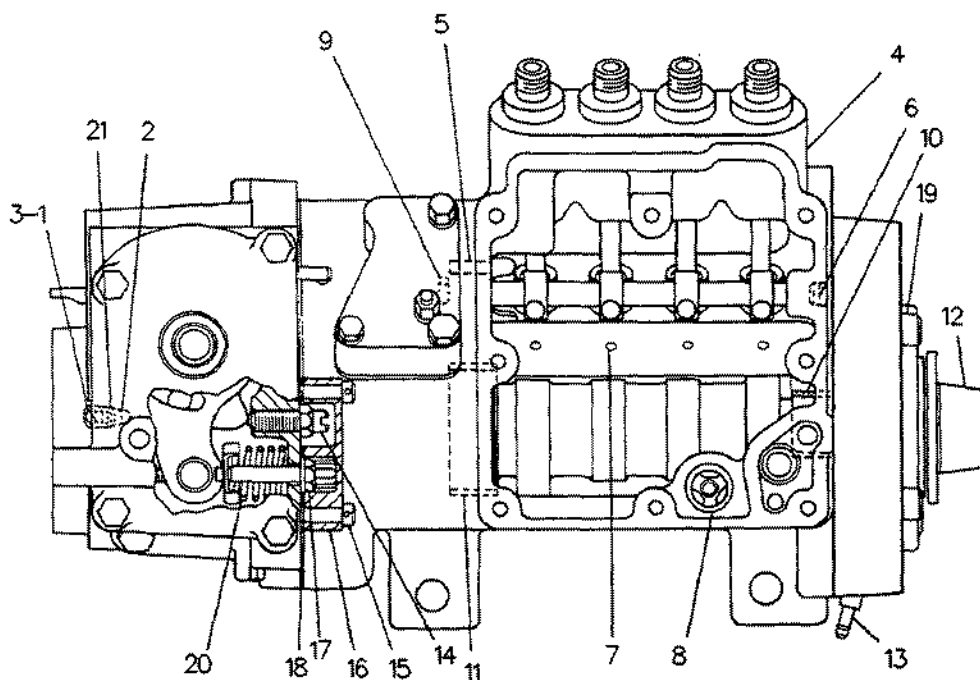
1286

6N0251 GOVERNOR & FUEL INJECTION PUMP GP-PART 2 OF 2

4N6550-Page 138

Part Of 7N6427 Governor & Fuel Injection Pump

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4N6547	1	HOUSING AS-GOVERNOR		23	9L6863	1	BODY AS-TRANSFER PUMP
	2	4N2333	1	PIN-SPRING		24	8H9804	1	SHAFT-PUMP IDLER
	3	8S6814	2	PIN		25	4N0636	1	SEAL-LIP TYPE
	4	5M6214	1	PLUG-PIPE		26	4N1584	1	SEAL-LIP TYPE
	5	4N0260	2	SEAL-LIP TYPE		27	8S6814	1	PIN
	6	6N2578	1	BEARING		28	4N5050	1	PLUG
	7	2W4037	1	SEAL-LIP TYPE		29	4N3779	1	KEY-CAMSHAFT
	8	4N6402	1	GUIDE-SPRING SEAT		30	4N0429	1	GEAR-PUMP
	9	9S4180	1	PLUG-O-RING		31	4N0527	1	SPRING
	10	4J7533	1	SEAL-O-RING		32	6N2957	2	WASHER
	11	4N2927	2	RACE-THRUST BEARING		33	6N7451	1	SEAT-SPRING
	12	6N4655	1	DASHPOT AS		34	4N0507	1	SHAFT AS-CONTROL
	13	4N6403	1	SEAT-DASHPOT		35	4N1723	1	SHIELD-CARRIER
	14	4N6407	1	SPOOL-DASHPOT					
	15	4N6406	1	RING-SPACER					
	16	4N6404	1	RING-RETAINING					
	17	4N2953	1	RING-LOCK					
	18	7M7219	1	BEARING-THRUST					
	19	4N0434	1	RISER-GOVERNOR					
	20	6N6557	1	CAMSHAFT AS					
	21	6N2956	1	WASHER-SPRING					
	22	4N0927	1	SHAFT AS-SHUTOFF					
		5M6509	1	SEAL-O-RING					
		4N0406	1	GEAR-PUMP					

Y-SEPARATE ILLUSTRATION

R-518377 EP

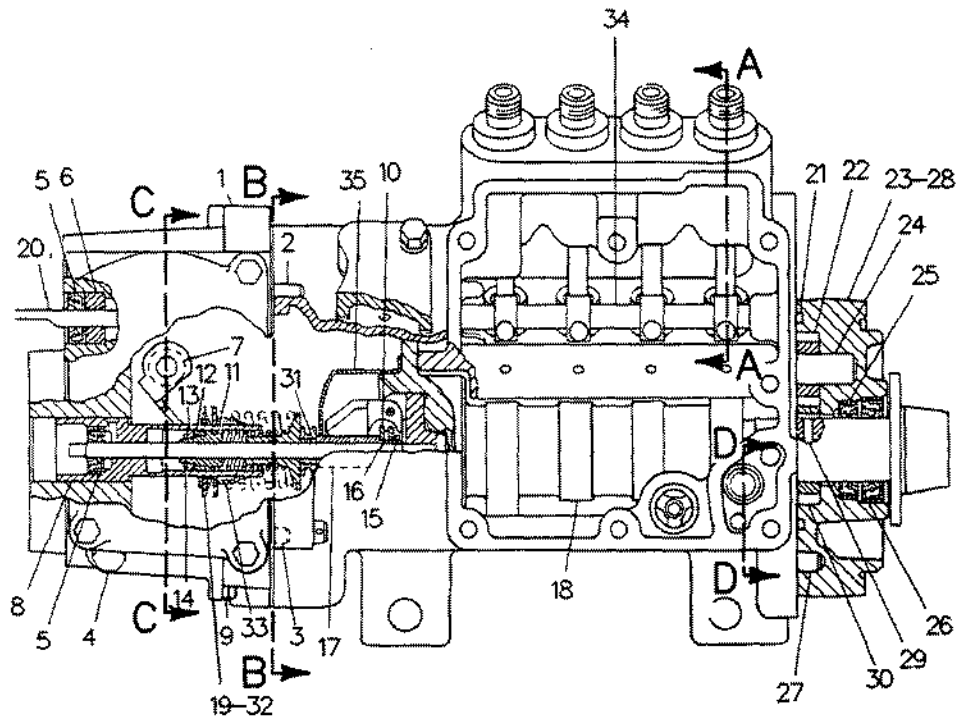
1286

4N6550 GOVERNOR & FUEL INJECTION PUMP GP-PART 1 OF 4

6N6557-Page 146

Part Of 6N0251 Governor & Fuel Injection Pump

FUEL SYSTEM



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C C	1	4N5484	1	VALVE-NEEDLE					
	2	4N5485	1	BODY-VALVE					
	3	6H9691	1	SEAL-O-RING					
	4	8N1569	1	HOUSING AS-PUMP					
	5	4N2333	1	PIN-SPRING					
	6	4N1826	1	DOWEL					
	7	2D6392	1	SEAL-O-RING					
	8	8N0984	1	PIN-SPRING					
	9	7E5346	1	VALVE AS					
	10	4N5481	1	STUD					
	11	6N1078	1	BEARING					
	12	8N0628	1	BEARING					
	13	4N2954	1	SLEEVE-CAMSHAFT					
	14	1P4001	1	FITTING					
	15	4N0054	1	SCREW					
	16	5B3180	1	NUT					
	17	1P2497	2	BOLT-HEAD					
	18	4N5578	1	COVER-IDLE SCREW					
	19	4N0049	1	GASKET-COVER					
	20	1P9925	1	BOLT					
	21	6N7523	1	WASHER					
		4N0594	1	GASKET-GOVERNOR HOUSING					
		5J5314	4	BOLT					
		9S8632	1	SPRING					
		4N0116	1	GUIDE-IDLE SCREW					
		5F9144	1	SEAL-O-RING					

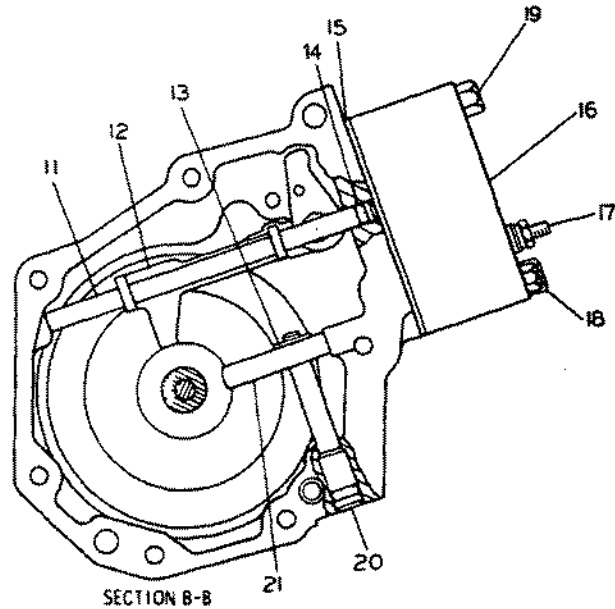
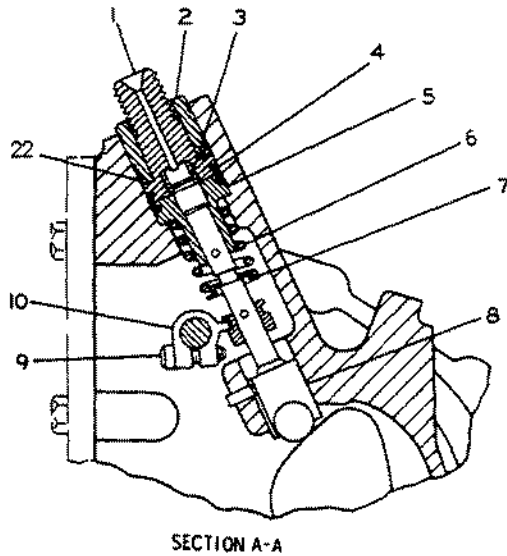
C-CHANGE FROM PREVIOUS TYPE

R-518378 EP

1286

4N6550 GOVERNOR & FUEL INJECTION PUMP GP-PART 2 OF 4
Part Of 6N0251 Governor & Fuel Injection Pump

FUEL SYSTEM



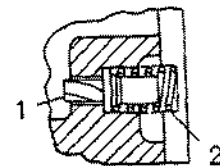
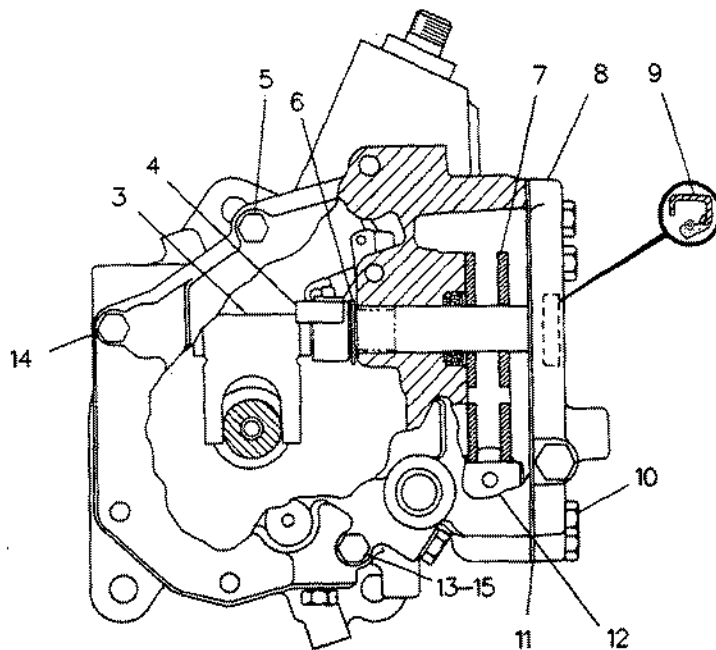
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4N0209	1	BONNET-VALVE		16	4N1591	1	COVER AS-SPRING HOUSING
	2	7W8120	4	BUSHING-TERMINAL			6N0411	1	COVER-TORQUE SPRING
	3	9B1320	1	VALVE-CHECK		17	6N0412	1	SCREW AS-MACHINE
		9L9424	1	SPRING-VALVE			4B2042	1	NUT
	4	4N1762	1	PLUNGER-FUEL PUMP			3B4501	1	LOCKWASHER
	5	9N5862	1	SPRING-LIFTER			1P7326	1	WASHER
	6	4N4318	1	SPRING-LIFTER			8F1326	1	WASHER
	7	4N2728	1	WASHER-RETAINER		18	2P3200	1	BOLT-WASHER HEAD
	8	8N1317	4	LIFTER-PLUNGER			1J9671	1	SEAL-O-RING
		4N2685	4	ROLLER-LIFTER		19	2M5471	2	BOLT
	9	2N2658	4	BOLT-SOCKET HEAD		20	4N0523	1	DOWEL-STOP SUPPORT
	10	4N1763	4	LEVER-CONTROL			2D6392	1	SEAL-O-RING
	11	4N0528	1	SHAFT-LEVER		21	4N0445	1	LEVER-LOAD STOP
	12	4N2677	1	LEVER AS-RISER		22	6F6672	4	SEAL-O-RING
	13	2M7819	1	RING-RETAINING					
	14	3H0442	1	SEAL-O-RING					
	15	4N0508	1	GASKET-COVER					

R-518379 EP

1286

4N6550 GOVERNOR & FUEL INJECTION PUMP GP-PART 3 OF 4
Part Of 6N0251 Governor & Fuel Injection Pump

FUEL SYSTEM



VIEW D-D

VIEW C-C

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	4N1767	1	VALVE-BYPASS					
	2	4N0605	1	SPRING					
	3	4N1881	1	LEVER-SEAT					
	4	4N0448	1	LEVER AS-SHUTOFF					
		9L5871	1	DOWEL					
	5	2A4781	1	BOLT 6.99CM(2.75IN.)LG.					
	6	8F5368	1	WASHER					
	7	6N5482	2	PLATE-FRICTION					
	8	4N0687	1	COVER AS-CONTROL					
	9	2W4037	1	SEAL-LIP TYPE					
	10	OS1616	4	BOLT					
	11	4N0402	1	GASKET-COVER					
	12	9S8601	1	PIN-LOW IDLE					
	13	3B8695	1	BOLT 8.89CM(3.5IN.)LG.					
	14	1P9925	2	BOLT 6.35CM(2.5IN.)LG.					
	15	6N7523	1	WASHER					

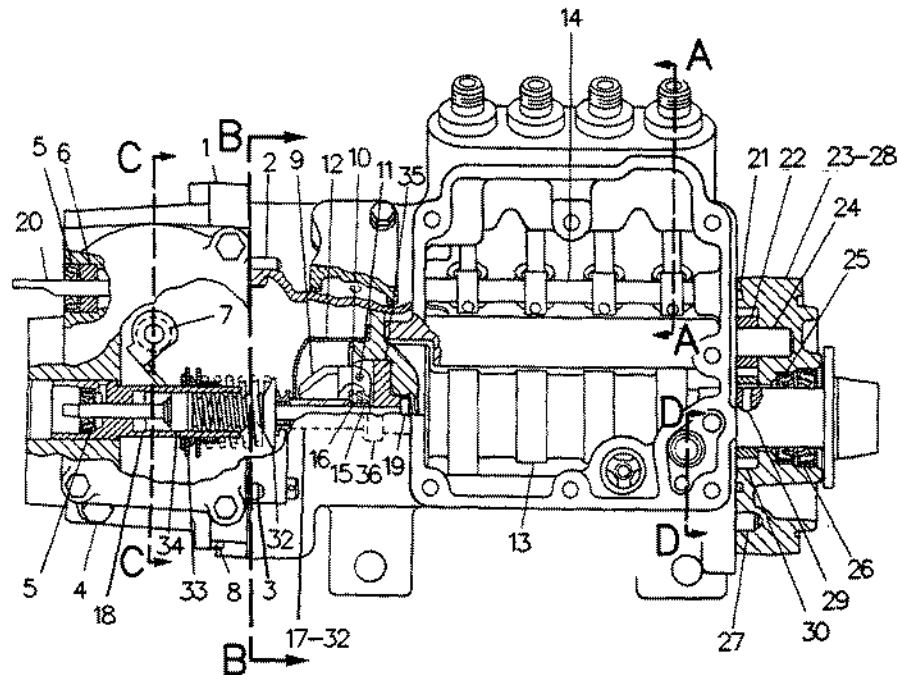
C-CHANGE FROM PREVIOUS TYPE

R-518380 EP

1286

4N6550 GOVERNOR & FUEL INJECTION PUMP GP-PART 4 OF 4
Part Of 6N0251 Governor & Fuel Injection Pump

FUEL SYSTEM



REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

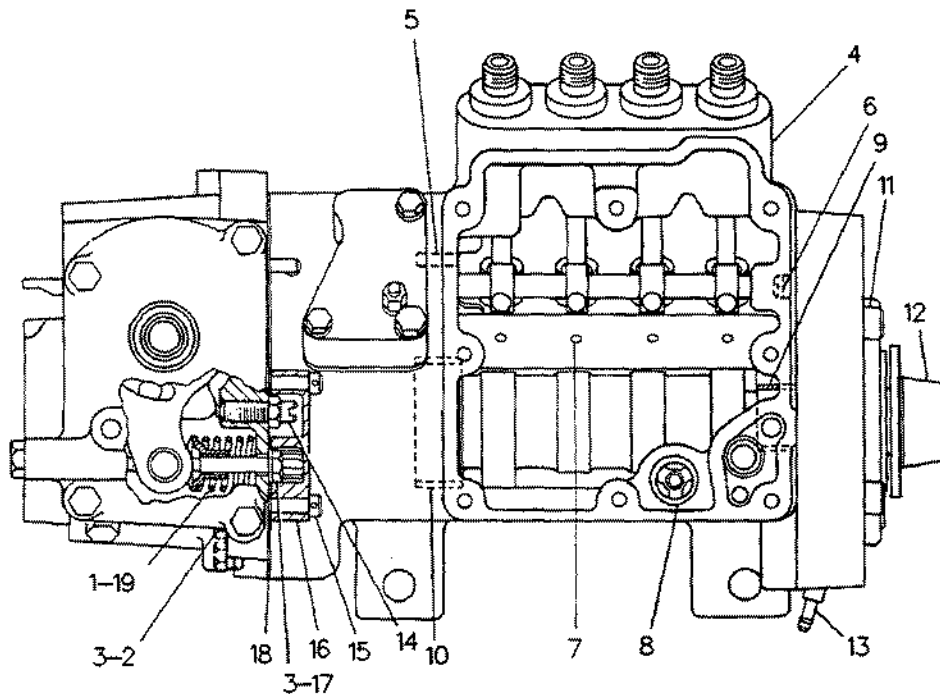
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6N5324	1	HOUSING AS-GOVERNOR		23	9L6863	1	BODY AS-TRANSFER PUMP
	2	4N2333	1	PIN-SPRING		24	8H9804	1	SHAFT-PUMP IDLER
	3	8S6814	1	PIN		25	4N0636	1	SEAL-LIP TYPE
	4	4N5050	1	PLUG		26	4N1584	1	SEAL-LIP TYPE
	5	4N0260	1	SEAL-LIP TYPE		27	8S6814	1	PIN
	6	6N2578	1	BEARING		28	4N5050	1	PLUG
	7	4N2786	1	SEAL-LIP TYPE		29	4N3779	1	KEY-CAMSHAFT
	8	9S4180	1	PLUG-O-RING		30	4N0429	1	GEAR-PUMP
		4J7533	1	SEAL-O-RING		31	4N0527	1	SPRING
	9	4N0425	3	WEIGHT-GOVERNOR		32	6N4655	1	DASHPOT AS
	10	4N2927	2	RACE-THRUST BEARING		33	6N2957	2	WASHER
	11	4N0511	3	DOWEL			6N2956	1	WASHER-SPRING
	12	4N1723	1	SHIELD-CARRIER		34	6N7451	1	SEAT-SPRING
	13	6N6567	1	CAMSHAFT-FUEL PUMP		35	4N0446	1	CARRIER
	14	4N0507	1	SHAFT AS-CONTROL					OR
	15	4N2953	1	RING-LOCK			8N2663	1	CARRIER-WEIGHT
	16	7M7219	1	BEARING-THRUST		36	4N2955	3	BOLT-SOCKET HEAD
	17	4N0434	1	RISER-GOVERNOR					OR
	18	4N9018	1	SHAFT-CARRIER			8N2662	3	BOLT-SOCKET HEAD
	19	4N9019	1	DOWEL					
	20	4N0927	1	SHAFT AS-SHUTOFF					
	21	5M6509	1	SEAL-O-RING					
	22	4N0406	1	GEAR-PUMP					

R-519214 EP

1286

6N5356 GOVERNOR & FUEL INJECTION PUMP GP-PART 1 OF 4
Part Of 6N6271 Governor & Fuel Injection Pump

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	4N0116	1	GUIDE-IDLE SCREW					
	2	3B8695	1	BOLT					
		2A4781	1	BOLT					
	3	1P9925	2	BOLT					
	4	8N1569	1	HOUSING AS-PUMP					
		4N5481	1	STUD					
	5	4N2333	1	PIN-SPRING					
	6	4N1826	1	DOWEL					
		2D6392	1	SEAL-O-RING					
	7	8N0984	4	PIN-SPRING					
	8	7E5346	1	VALVE AS					
	9	7W6334	1	BEARING-SLEEVE					
	10	8N0628	1	BEARING					
	11	5J5314	4	BOLT					
	12	4N2954	1	SLEEVE-CAMSHAFT					
	13	1P4001	1	FITTING					
	14	4N0054	1	SCREW					
		5B3180	1	NUT					
	15	1P2497	2	BOLT-HEAD					
	16	4N5578	1	COVER-IDLE SCREW					
		4N0049	1	GASKET-COVER					
C	17	6N7523	1	WASHER					
	18	4N0594	1	GASKET-GOVERNOR HOUSING					
	19	9S8632	1	SPRING					

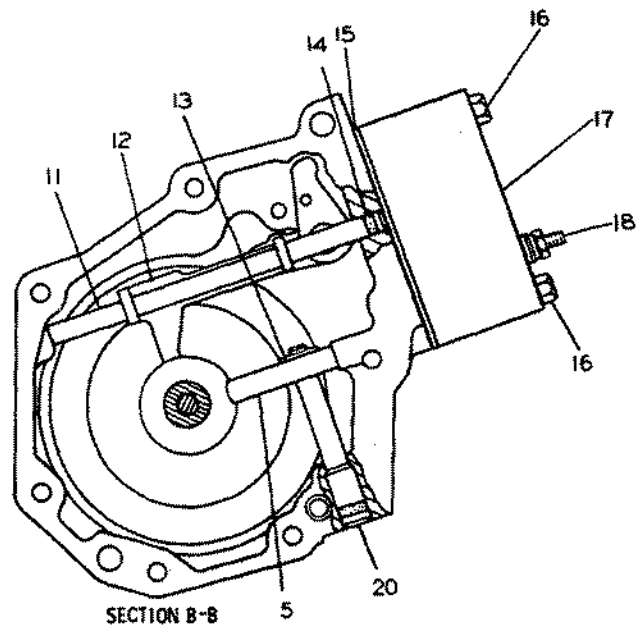
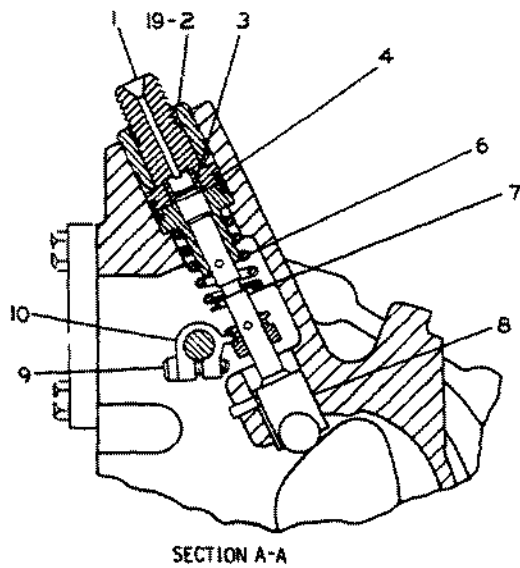
C-CHANGE FROM PREVIOUS TYPE

R-518479 EP

1286

6N5356 GOVERNOR & FUEL INJECTION PUMP GP-PART 2 OF 4
Part Of 6N6271 Governor & Fuel Injection Pump

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4N0209	4	BONNET-VALVE		20	4N0523	1	DOWEL-STOP SUPPORT
	2	7W8120	4	BUSHING-TERMINAL			2D6392	1	SEAL-O-RING
	3	9B1320	4	VALVE-CHECK					
		9L9424	4	SPRING-VALVE					
	4	4N0224	4	RING-RETAINER					
	5	4N0445	1	LEVER-LOAD STOP					
	6	9N5862	4	SPRING-LIFTER					
	7	4N2728	4	WASHER-RETAINER					
	8	8N1317	4	LIFTER-PLUNGER					
		4N2685	4	ROLLER-LIFTER					
	9	2N2658	4	BOLT-SOCKET HEAD					
	10	4N1763	4	LEVER-CONTROL					
	11	4N0528	1	SHAFT-LEVER					
	12	4N2677	1	LEVER AS-RISER					
	13	2M7819	1	RING-RETAINING					
	14	3H0442	1	SEAL-O-RING					
	15	4N0508	1	GASKET-COVER					
	16	2M5471	2	BOLT					
	17	4N1591	1	COVER AS-SPRING HOUSING					
		4N0506	1	COVER-TORQUE SPRING					
C	18	4N1594	1	SCREW-MACHINE					
		4B2042	1	NUT					
		3B4501	1	LOCKWASHER					
		1P7326	1	WASHER					
		8F1326	1	WASHER					
	19	6F6672	4	SEAL-O-RING					

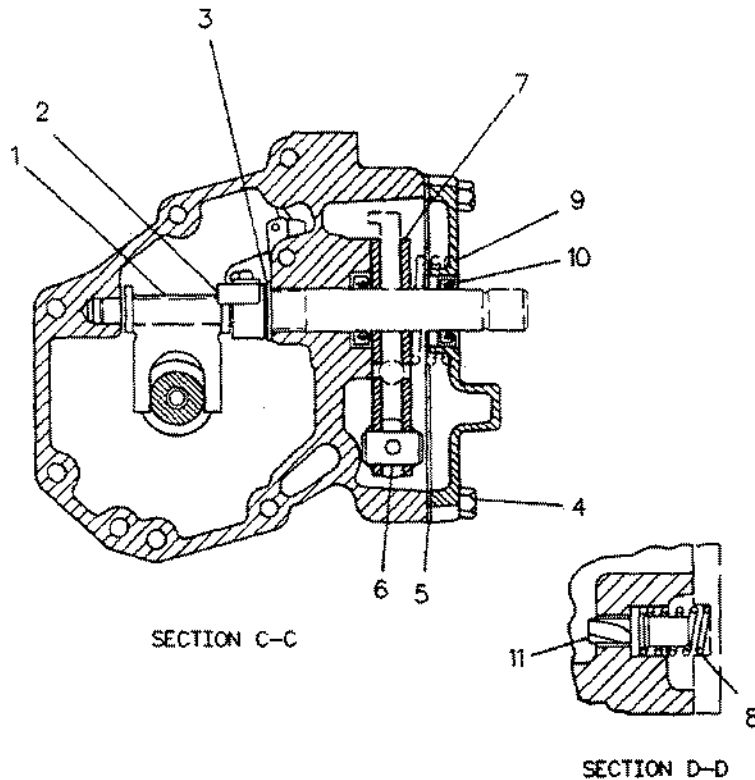
C-CHANGE FROM PREVIOUS TYPE

R-518480 EP

1286

6N5356 GOVERNOR & FUEL INJECTION PUMP GP-PART 3 OF 4
Part Of 6N6271 Governor & Fuel Injection Pump

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4N1881	1	LEVER-SEAT					
	2	4N0448	1	LEVER AS-SHUTOFF INCLUDES DOWEL					
	3	9L8571	1	WASHER					
	4	8F5368	1	BOLT					
	5	OS1616	4	GASKET-COVER					
	6	4N0402	1	PIN-LOW IDLE					
	7	9S8601	2	PLATE-FRICTION					
	8	6N5482	1	SPRING					
	9	4N0605	1	COVER AS-CONTROL INCLUDES SEAL-LIP TYPE					
	10	4N0687	1	VALVE-BYPASS					
	11	4N2786	1						
		4N1767	1						

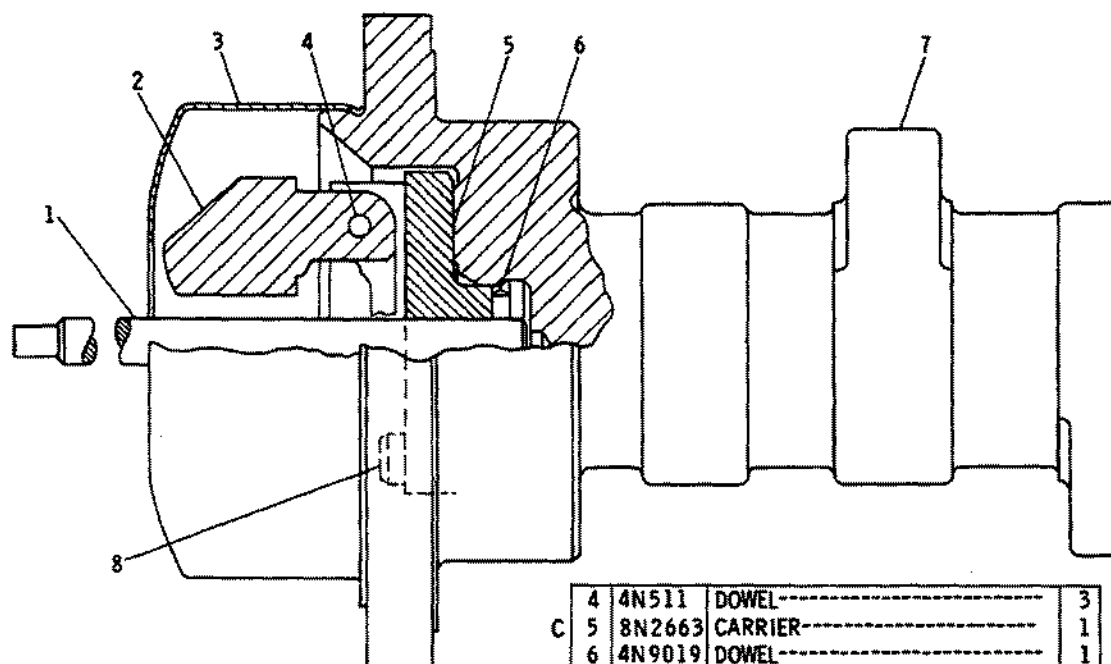
R-563394 EP

1286

6N5356 GOVERNOR & FUEL INJECTION PUMP GP-PART 4 OF 4

Part Of 6N6271 Governor & Fuel Injection Pump

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N9018	SHAFT-----	1
2	4N5524	WEIGHT-----	3
3	4N1723	SHIELD-----	1

C	4	4N511	DOWEL-----	3
	5	8N2663	CARRIER-----	1
	6	4N9019	DOWEL-----	1
	7	6N6567	CAMSHAFT-----	1
C	8	8N2662	BOLT-----	3

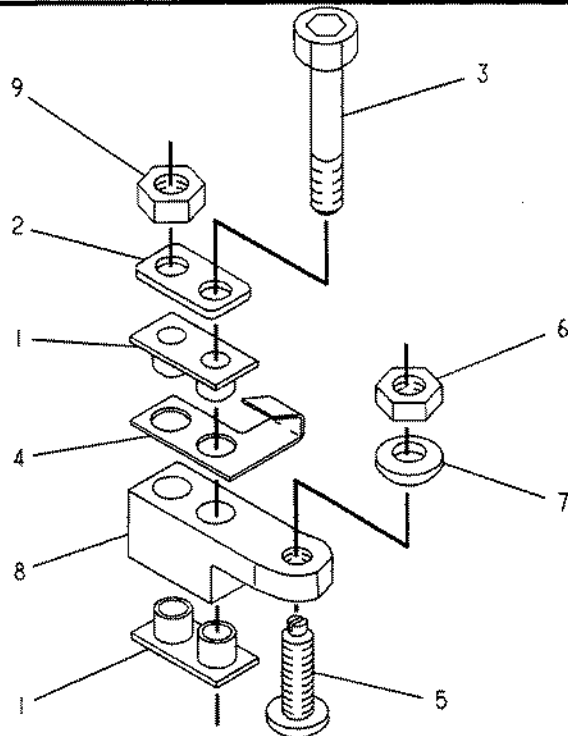
C INDICATES CHANGE

174520

174520 EP

6N6557 CAMSHAFT AS
Part Of 4N6550 Governor & Fuel Injection Pump

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1P6452	2	INSULATOR
	2	8M9064	1	SHIM-SPRING
	3	4L7124	1	BOLT
	4	4N3882	1	CONTACT-STOP
	5	4N3881	1	SCREW
	6	9M1311	1	NUT-JAM
	7	4N3884	1	WASHER-SPRING
	8	4N3883	1	BAR-LOAD STOP
	9	4L6458	1	NUT-FULL

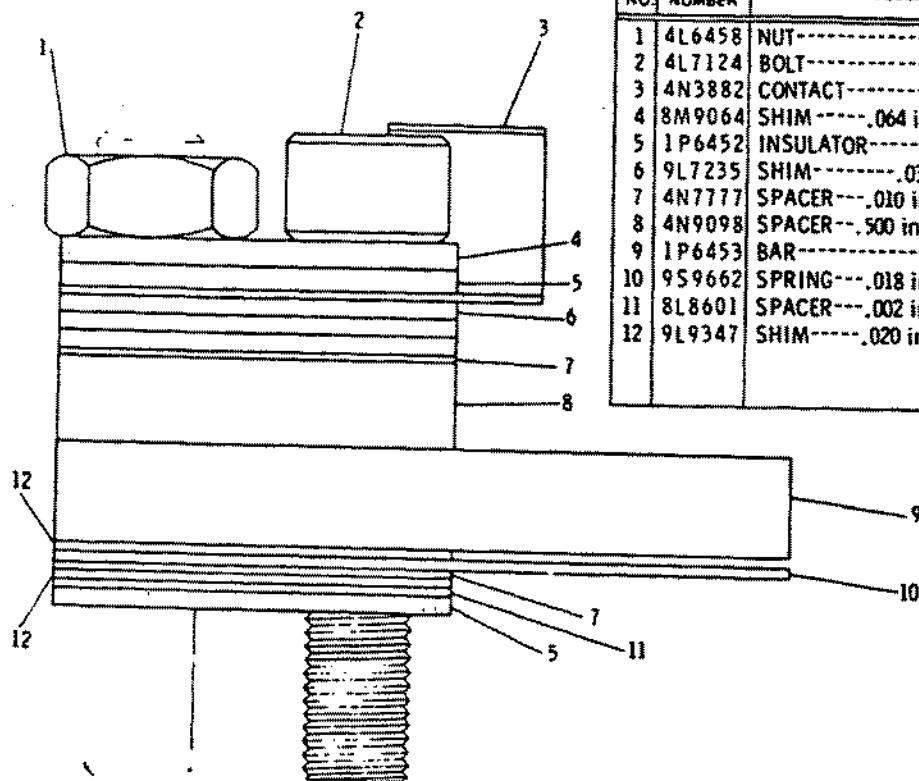
A-456524 EP

1257

6N0509 TORQUE CONTROL GP

Part Of 6N6210 & 7N6427 Governor & Fuel Injection Pumps

FUEL SYSTEM



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. (1 mm) thick	3
7	4N7777	SPACER---,010 in. (0.26 mm) thick	3
8	4N9098	SPACER---,500 in. (12.70 mm) thick	1
9	1P6453	BAR-----	1
10	9S9662	SPRING---,018 in. (0.46 mm) thick	1
11	8L8601	SPACER---,002 in. (0.06 mm) thick	6
12	9L9347	SHIM-----,020 in. (0.51 mm) thick	1

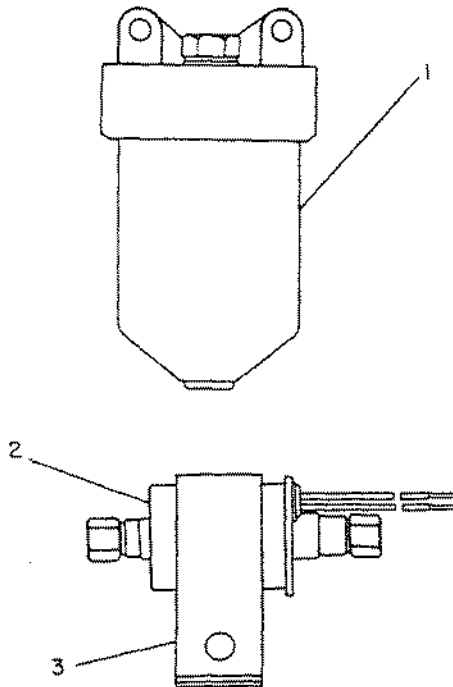
C INDICATES CHANGE 152565

1257

6N3730 TORQUE CONTROL GP
An Attachment

B-152565 EP

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	7W7831	1	FILTER GP-PRIMARY FUEL
	2	7C9748	1	PUMP AS-FUEL
	3	2V6351	1	CLIP (CURVED)
		2V6353	1	CLIP
Y-SEPARATE ILLUSTRATION				

B-414367 EP

1256

7C9760 PUMP GP-FUEL - BOOST

7W7831-Page 155

For Use With 12 Volt Electrical Systems
Field Installation

PAGE

- 1 7W7831 FILTER GP-PRIMARY FUEL..... 155
- 1 7W5668 PUMP AS-FUEL
- 1 2V6351 CLIP
- 1 2V6353 CLIP

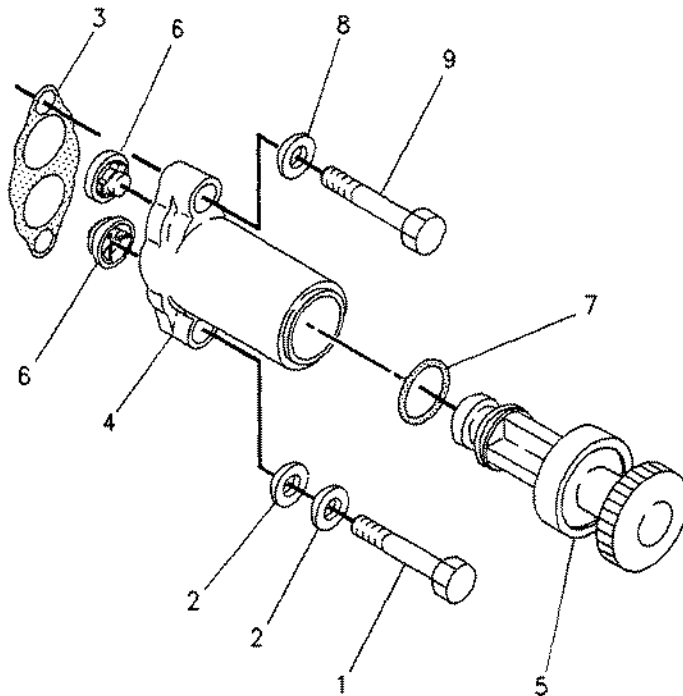
349337 P

1256

8N3569 PUMP GP-FUEL - BOOST - 24 VOLT

Provides Positive Pressure To The Fuel System Components On
The Suction Side Of The Fuel Transfer Pump
Field Installation

FUEL SYSTEM



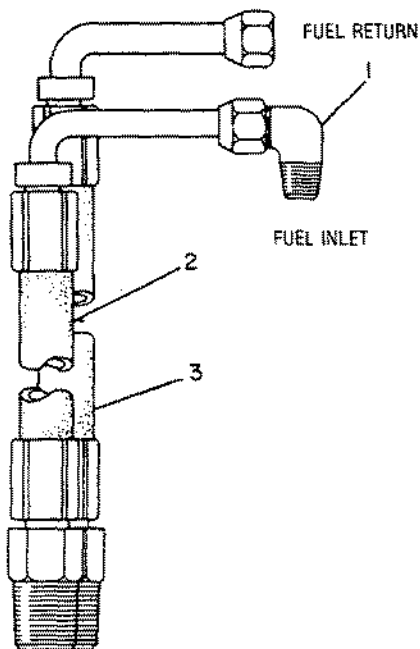
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1H5514	1	BOLT (5/16-18X1.625IN)
				-OR-
	2	1B2790	1	BOLT (5/16-18X1.375IN)
B	3	9M1974	2	WASHER-HARD
	3	1P0436	1	GASKET
C	4	1052508	1	PUMP AS-FUEL PRIMING
Z	5			PLUNGER AS
	6	7E5346	2	VALVE AS
	7	7F8607	1	SEAL-O-RING
	8	5P0537	1	WASHER
	9	9F7022	1	BOLT (1/4-20X1.5IN)
				-OR-
B		7B2742	1	BOLT (1/4-20X1.25IN)
		9S8005	1	PLUG-O-RING (TEST IF DMOD WORKS)

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
Z-NOT SERVICED SEPARATELY

F-562867 EP

1258

4N4314 PUMP GP-FUEL PRIMING



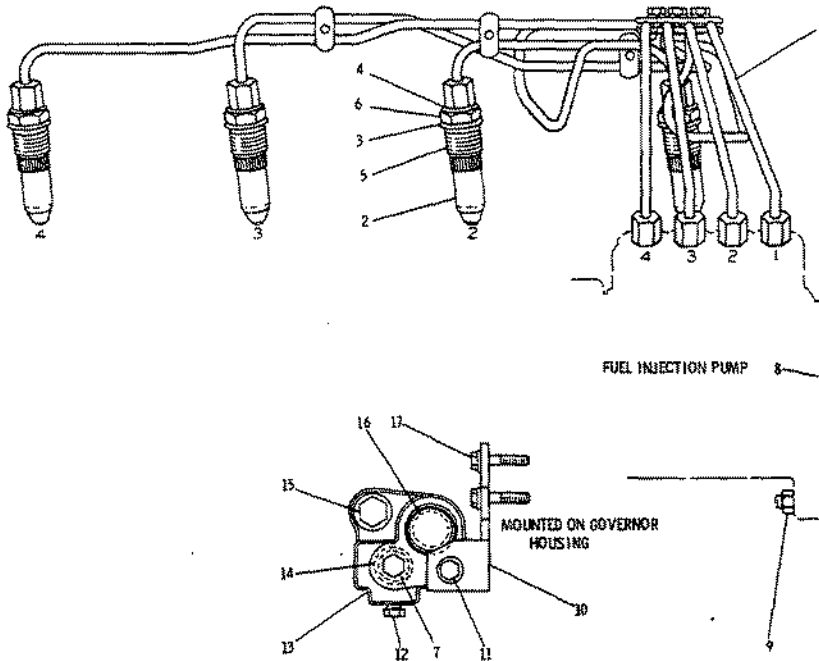
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	321268	1	ELBOW
	2	3N8097	1	HOSE AS 13.77CM(35IN)
	3	3N8098	1	HOSE AS 14.17CM(36IN)

B-203002 EP

1274

3N8099 LINES GP-FLEXIBLE FUEL
An Attachment

FUEL SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	8N9615	LINES GROUP----- (Separate Illustration)	1
2	8M1584	VALVE SERVICE GROUP----- (Each Includes)	4
3	5B3718	SEAL-----	1
4	6F1069	SEAL ASSEM.-----	1
5	8S2389	BODY-----	4
6	5H7225	NUT-----	4
7	3J3390	PLUG-----	1
8	2H3934	SEAL-----	1
9	184203	NUT-----	3
10	6N3760	BRACKET-----	1
11	L1352	BOLT-----	1
12	5M2894	WASHER-----	1
13	5M6214	PLUG-----	1
14	2P3850	ADAPTER-----	1
15	8M5253	SEAL-----	1
16	783235	BOLT-----	1
17	5P8245	WASHER-----	1
	8M5248	SEAL-----	1
	2A5546	BOLT-----	2
	5P537	WASHER-----	2

C INDICATES CHANGE

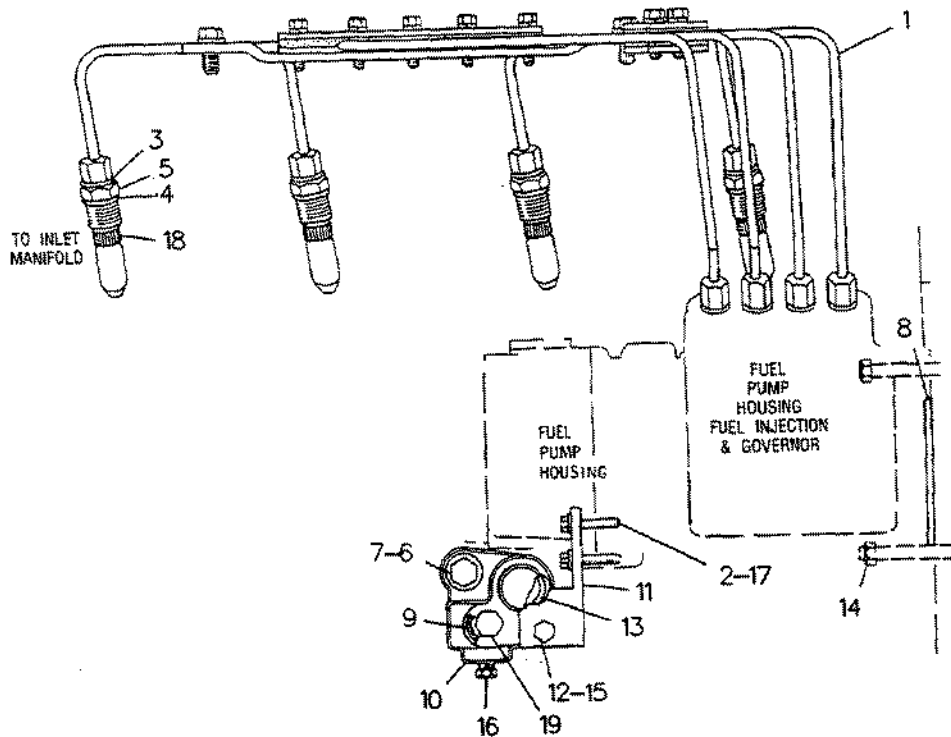
175781

1252

7N3460 LINES GP-FUEL INJECTION
8N9615-Page 154

175781 EP

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	8N5969	1	LINES GP-FUEL INJECTION					
	2	2A5546	2	BOLT					
	3	6F1069	4	SEAL AS-VALVE					
	4	5B3718	4	SEAL-O-RING					
	5	5H7225	4	NUT-RETAINER					
	6	7B3235	1	BOLT					
	7	5P8245	1	WASHER					
	8	2H3934	1	SEAL					
	9	8M5253	1	SEAL					
	10	2P3850	1	ADAPTER-LINES					
	11	6N3760	1	BRACKET-SUPPORT					
	12	OL1352	1	BOLT					
	13	8M5248	1	SEAL-O-RING					
	14	3S2713	3	NUT-FULL					
	15	5M2894	1	WASHER					
	16	5M6214	1	PLUG-PIPE					
	17	5P0537	2	WASHER					
	18	8S2389	4	BODY-FUEL VALVE					
C	19	3J5390	1	PLUG					

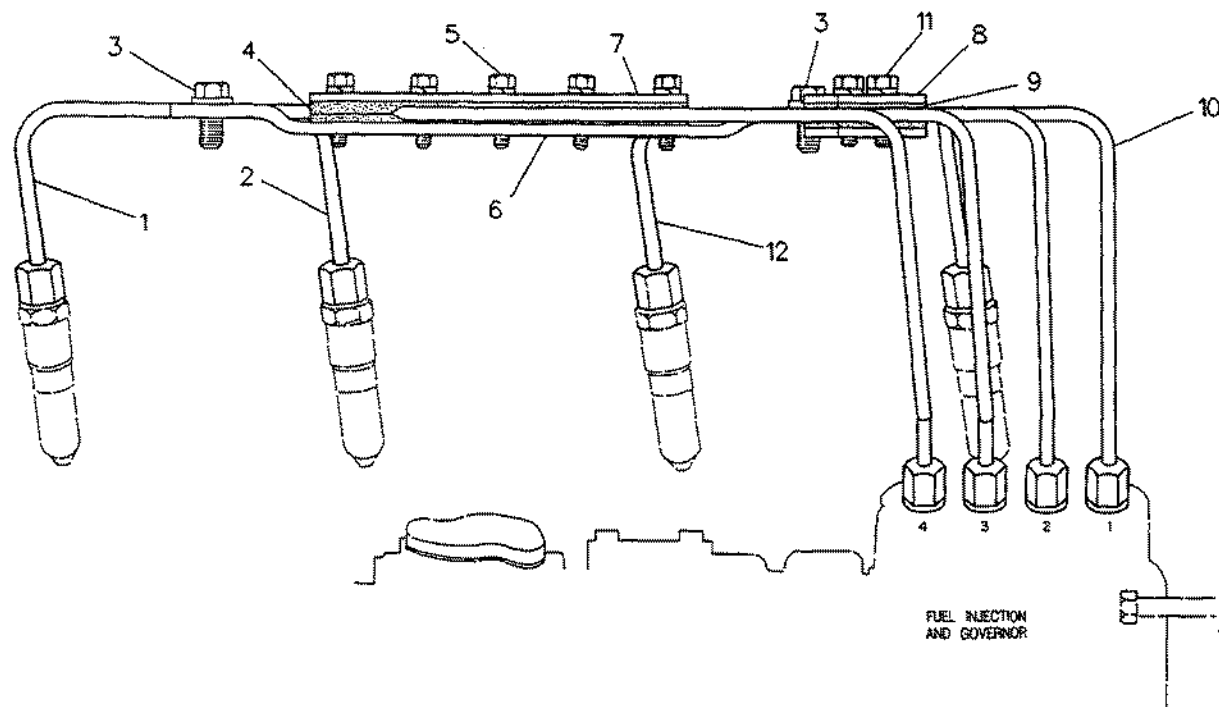
C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

R-518547 EP

1252

2W4803 LINES GP-FUEL INJECTION
8N5969-Page 153

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4N9944	1	LINE AS-FUEL INJ (NO. 4)					
	2	4N9943	1	LINE AS-FUEL INJ (NO. 3)					
	3	0L1351	2	BOLT					
C	4	5M2894	2	WASHER					
C	4	2W0454	2	DAMPER					
C	5	1B7182	5	BOLT					
C	5	3B4505	5	LOCKWASHER					
C	6	2W0453	1	CLAMP (TAPPED)					
C	7	2W0451	1	CLAMP					
	8	6N0536	1	CLAMP-FUEL LINE (TAPPED)					
	8	6N0535	1	CLAMP-FUEL LINE					
	9	6N0537	2	DAMPER-FUEL LINE					
C	10	4N9941	1	LINE AS-FUEL INJ (NO. 1)					
C	11	7B2742	2	BOLT					
	11	3B4504	2	LOCKWASHER					
	12	4N9942	1	LINE AS-FUEL INJ (NO. 2)					

C-CHANGE FROM PREVIOUS TYPE

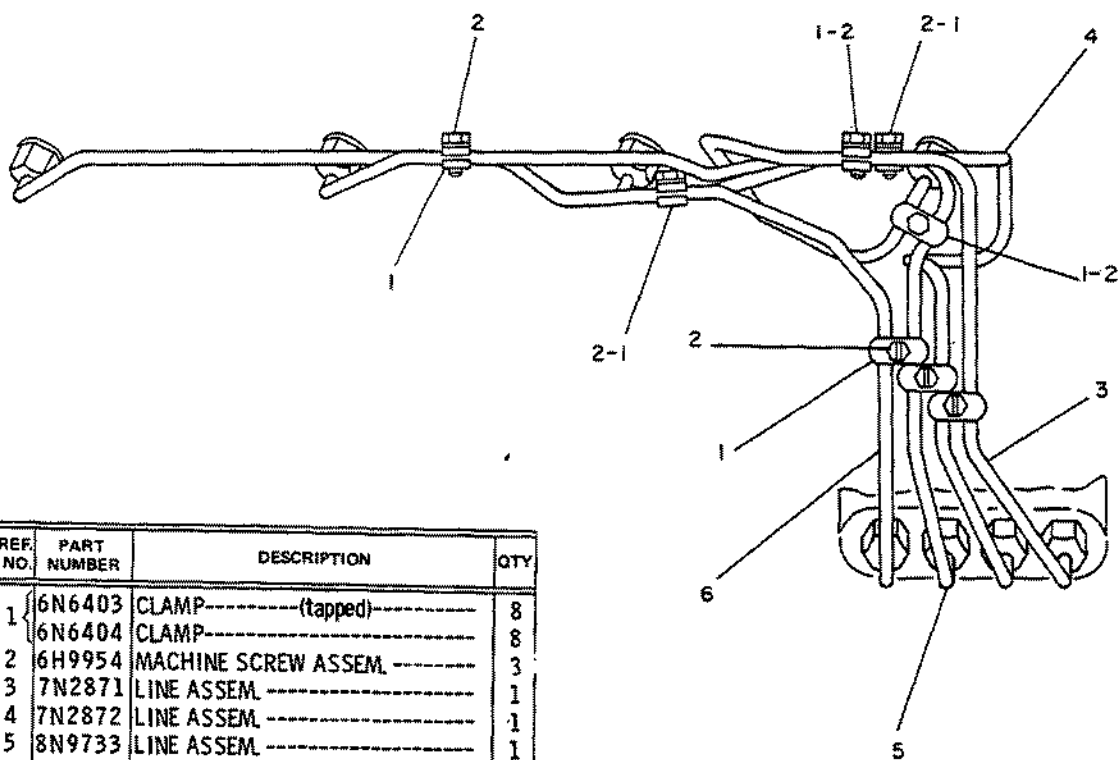
R-528820 EP

1252

8N5969 LINES GP-FUEL INJECTION

Part Of 2W4803 Lines-Fuel Injection & 2W7199 Manifold

FUEL SYSTEM

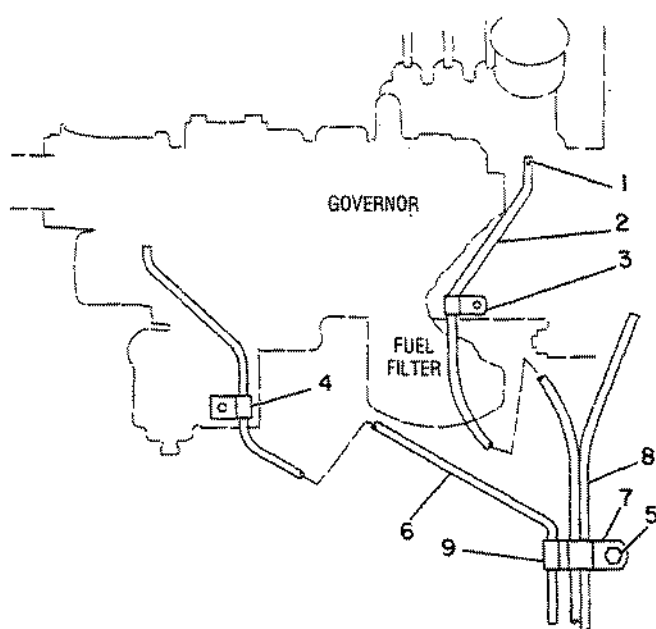


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6N6403	CLAMP----- (tapped)-----	8
	6N6404	CLAMP-----	8
2	6H9954	MACHINE SCREW ASSEM.-----	3
3	7N2871	LINE ASSEM.-----	1
4	7N2872	LINE ASSEM.-----	1
5	8N9733	LINE ASSEM.-----	1
6	7N2874	LINE ASSEM.-----	1

176968

176968 EP

FUEL SYSTEM



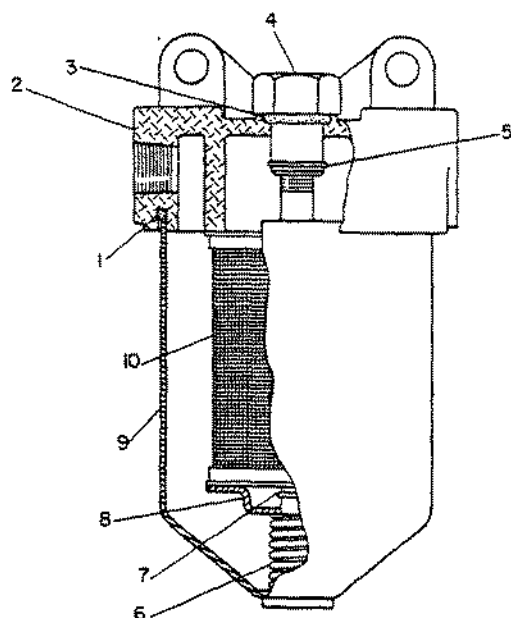
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7K8332	1	INSERT-TUBE SUPPORT
D	2	5P6011	1	TUBE .6M(23.62IN)
	3	1A5350	1	CLIP
C	4	8M2772	1	CLIP
	5	2H3755	1	BOLT
C		9M1974	1	WASHER-HARD
D	6	5P6011	1	TUBE .76M(29.93IN)
C	7	5K2298	1	CLIP
CD	8	5P6011	1	TUBE .4M(15.75IN)
C	9	7M8322	1	CLIP

C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER

B-300646 EP

1274

9N3273 LINES GP-DRAIN



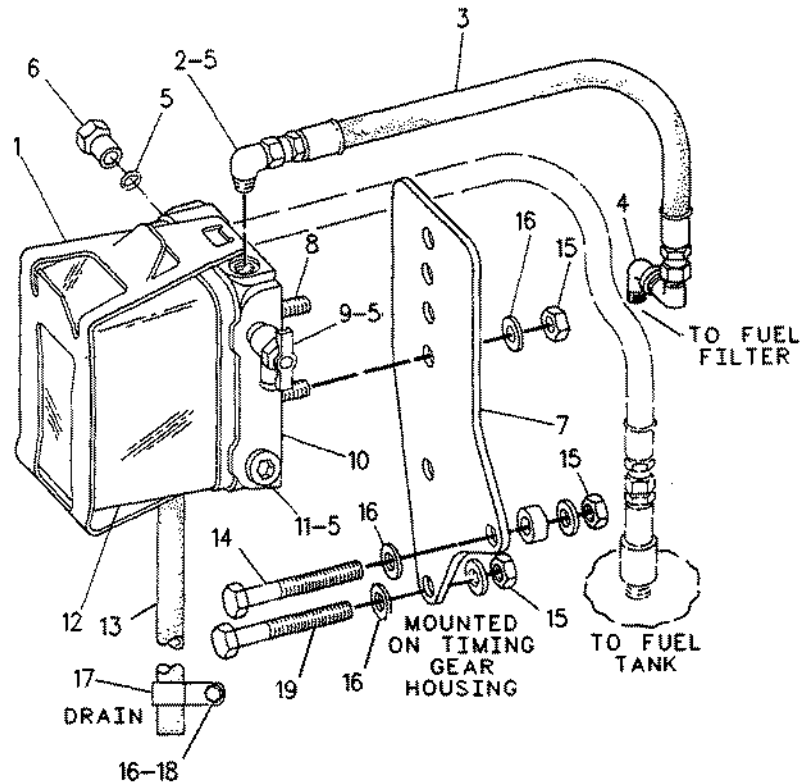
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8H2778	1	GASKET
	2	7W7824	1	BASE-FUEL FILTER
	3	2U0157	1	SEAL-O-RING
	4	7N1628	1	NUT
	5	1L3769	1	RING-RETAINING
	6	7S9323	1	SPRING
	7	2H3429	1	RING-RETAINING
	8	7H9678	1	RETAINER-ELEMENT
	9	8H2810	1	CASE AS-FILTER
	10	7W8910	1	ELEMENT AS-FUEL FILTER

R-349342 EP

1260

7W7831 FILTER GP-PRIMARY FUEL
Part Of 7C9760 & 8N3569 Pumps-Fuel

FUEL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	8N9802	1	CLAMP-RETAINING					
C	2	8K0968	1	ELBOW-PORT					
CI	3	2W4331	1	HOSE AS 35.4 CM					
B	4	7J8611	1	ELBOW (PIPE)					
B		321268	1	ELBOW (FLARED)					
B		321267	1	CONNECTOR-FLARED					
	5	1J9671	5	SEAL-O-RING					
	6	5P4675	1	ADAPTER					
	7	5N5283	1	BRACKET					
	8	1A2029	2	BOLT					
C	9	6V2611	2	VALVE					
C	10	8N9801	1	BASE-SEPARATOR					
C	11	9S8003	1	PLUG-O-RING					
C	12	8N9803	1	ELEMENT					
D	13	5P5991	1	HOSE (28 IN.)					
		6L8700	1	CLAMP					
B	14	OL1352	3	BOLT					
		1M7163	3	SPACER					
B	15	1D4717	8	NUT					
BC	16	5M2894	14	WASHER					
C	17	5M8429	1	CLIP					
C	18	OTO102	1	BOLT					
B	19	OL1143	3	BOLT					

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER

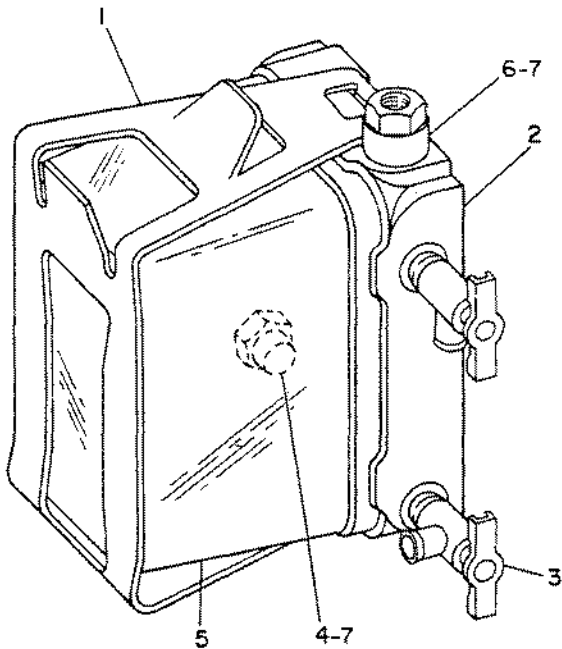
I-SEE HOSE FABRICATION GUIDE

R-577616 EP

1263

5N5284 SEPARATOR GP-WATER
An Attachment

FUEL SYSTEM

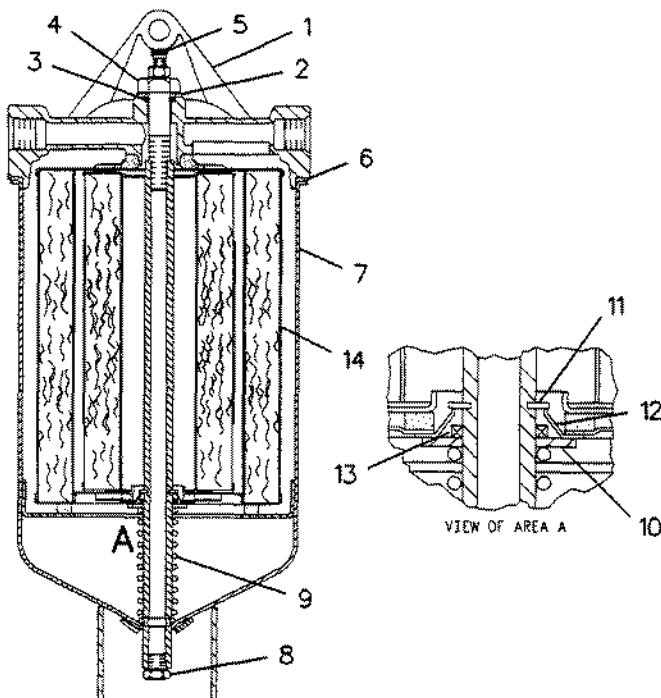


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8N9802	1	CLAMP-RETAINING
	2	8N9801	1	BASE-SEPARATOR
	3	6V2611	2	VALVE
	4	3K8460	2	PLUG
	5	8N9803	1	ELEMENT
	6	5P4675	2	ADAPTER
	7	1J9671	6	SEAL-O-RING

B-228664 EP

1263

9N6519 SEPARATOR GP-WATER
An Attachment



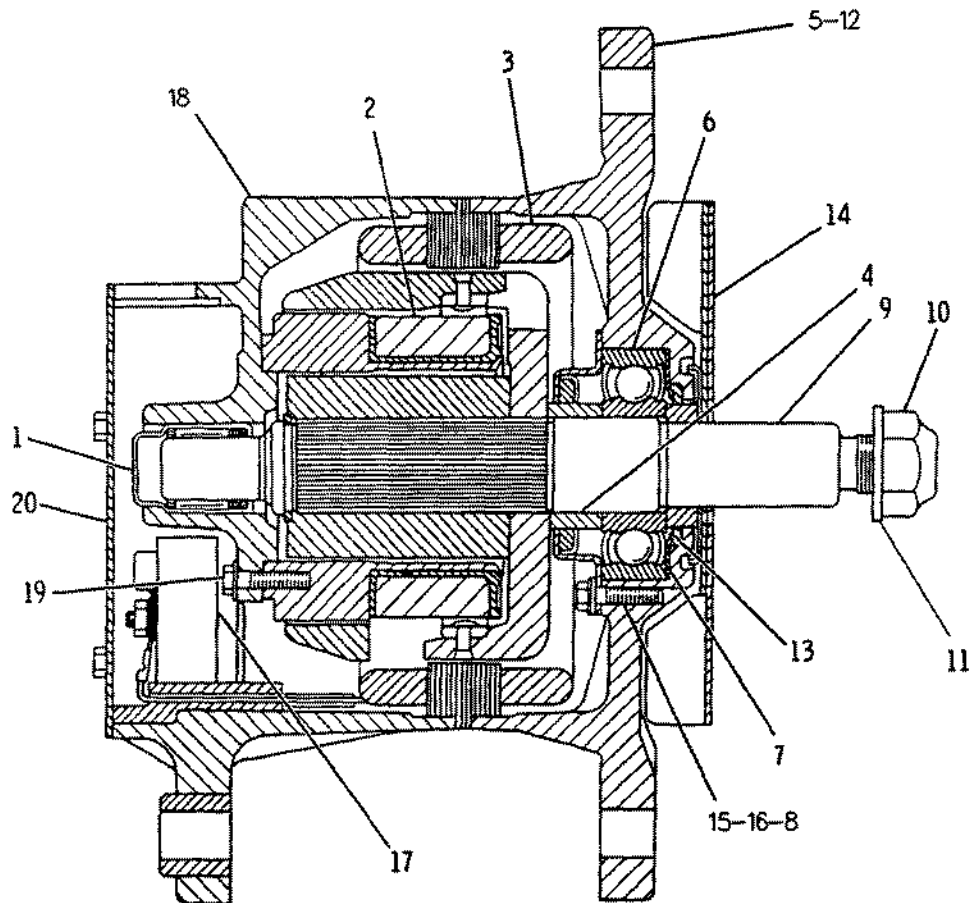
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	2W4235	1	BASE AS
	2	8N1590	1	WASHER-SEPARATOR
	3	8F9206	1	SEAL-O-RING
	4	8N1588	1	BOLT-SEPARATOR
	5	2W4273	1	VALVE AS-VENT
	6	8N1589	1	GASKET-SEPARATOR
	7	2W4236	1	CASE AS
	8	5B7890	1	PLUG-PIPE
	9	8N1586	1	SPRING-SEPARATOR
	10	4B4281	1	WASHER
	11	8F4610	1	RING-RETAINING
	12	8N1587	1	SUPPORT
	13	8N1585	1	SEAL-SEPARATOR
	14	8N0205	1	ELEMENT AS

F-508680 EP

1263

2W4234 SEPARATOR GP-WATER
An Attachment

ELECTRICAL SYSTEM



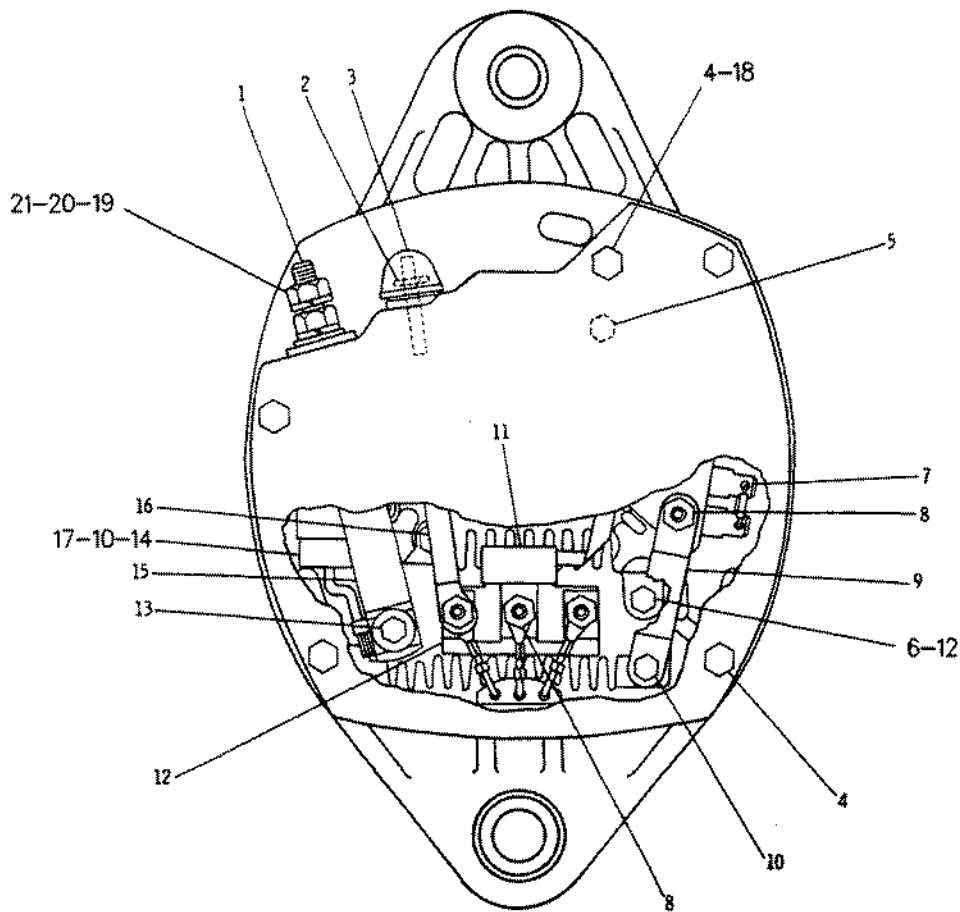
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5P6920	1	BEARING-ROLLER					
	2	9G5233	1	COIL AS-FIELD					
	3	9G5234	1	STATOR AS					
	4	7N7795	1	COLLAR					
	5	7N7810	1	FRAME AS-DRIVE END					
	6	5P7807	1	BALL BEARING					
	7	9L2140	1	PLATE					
	8	8F1434	3	LOCKWASHER					
	9	7N7800	1	ROTOR AS					
	10	2K4821	1	LOCKNUT					
	11	7F7621	1	WASHER					
	12	7N9024	4	BOLT					
	13	9L2139	1	WASHER-FELT					
	14	3E5454	1	FAN-ALTERNATOR					
	15	9S2437	3	SCREW-TAPPING					
	16	9L2137	1	RETAINER AS					
	17	7N7122	1	RECTIFIER AS					
	18	7N7805	1	HOUSING					
	19	9N3388	4	SCREW-SELF LOCKING					
	20	7N7809	1	PLATE					

R-572259 EP

1405

7G7889 ALTERNATOR GP-CHARGING-12 VOLT, 60 AMPERE-PART 1 OF 2
An Attachment

ELECTRICAL SYSTEM



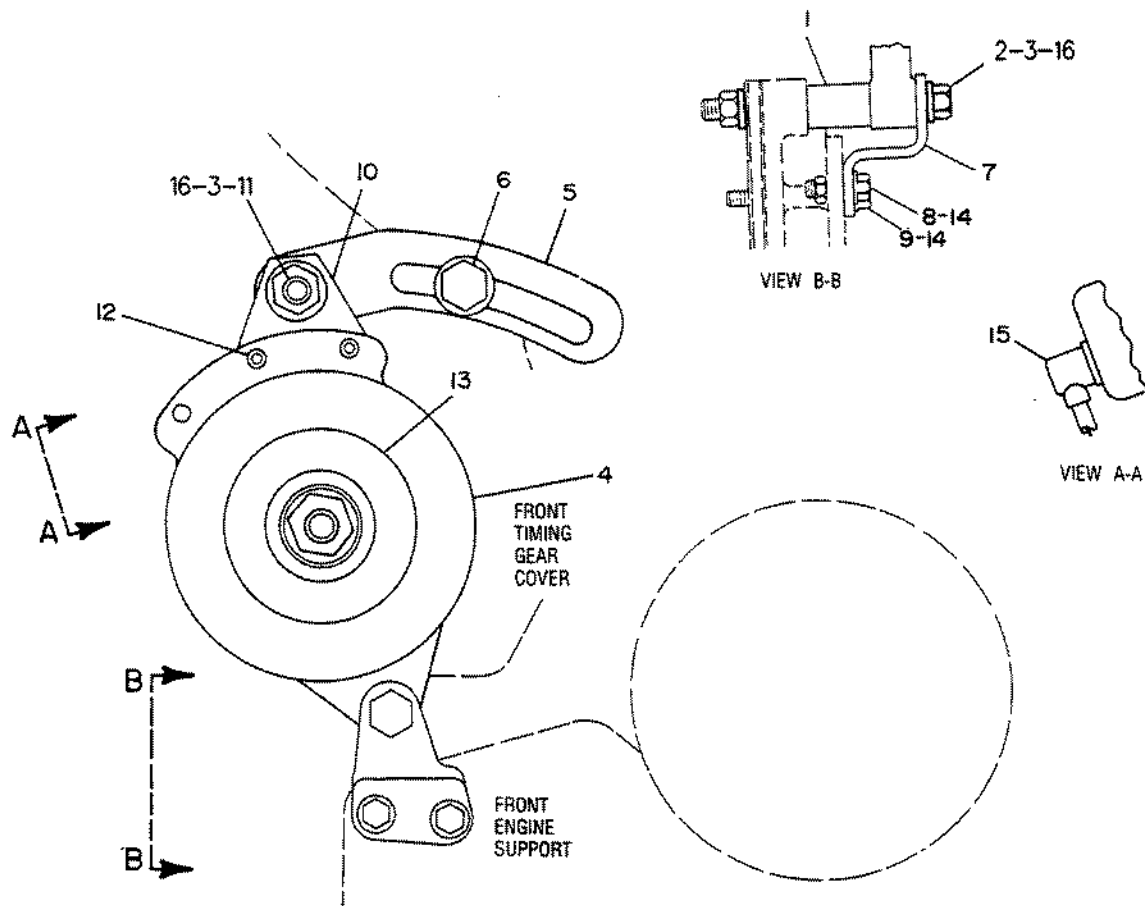
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	9G5232	1	KIT-TERMINAL (OUTPUT) (INCL INSULATOR, SCREW, WASHERS, LOCKWASHER & NUT)		21	8T4205	1	WASHER-HARD
	2	7N7808	1	KIT-TERMINAL (INCL STUD, BUSHINGS, WASHERS & NUT AS)					
	3	9L6770	1	CAP					
	4	309612	5	SCREW-FORMING					
	5	6N1872	2	SCREW AS					
	6	7N9023	2	SCREW AS					
	7	3E5451	1	REGULATOR AS					
	8	4B2043	4	NUT					
	9	7N7811	1	CONNECTOR					
	10	9S2544	2	SCREW-HEX HEAD					
	11	1129119	1	DIODE AS-ALTERNATOR					
	12	8T0328	2	WASHER-HARD					
	13	7N9021	1	SCREW AS					
		7N7796	1	BUSHING-TERMINAL					
	14	7N7802	1	CAPACITOR AS					
	15	7N7798	1	CONNECTOR					
	16	7N7801	1	CONNECTOR					
	17	9B7233	6	LOCKWASHER					
	18	8F1434	1	LOCKWASHER					
	19	1H3244	1	LOCKWASHER					
	20	6V8187	1	NUT					

C-CHANGE FROM PREVIOUS TYPE

R-572260 EP

1405 7G7889 ALTERNATOR GP-CHARGING-12 VOLT, 60 AMPERE-PART 2 OF 2
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
RY	1	4J9683	1	SPACER					
	2	9X8878	1	BOLT					
	3	1F7958	2	NUT-FULL					
	4	6T1395	1	ALTERNATOR GP-CHARGING					
	5	8S4182	1	STRAP-BELT ADJUSTMENT					
	6	9S1366	1	BOLT					
		2M0849	1	WASHER					
		1K4649	1	SPACER					
	7	3N2705	1	BRACKET-MOUNTING					
	8	OS1588	1	BOLT					
		9S8752	1	NUT-FULL					
	9	OS1619	1	BOLT					
	10	3N2704	1	PLATE-MOUNTING					
	11	OS1587	1	BOLT					
	12	4B3388	2	BOLT					
		9M1974	2	WASHER-HARD					
	13	8L4529	1	PULLEY-ALTERNATOR					
	14	5M2894	2	WASHER					
	15	6L3483	2	COVER-TERMINAL					
	16	5P8245	4	WASHER					

R-REMG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

R-544337 EP

1405

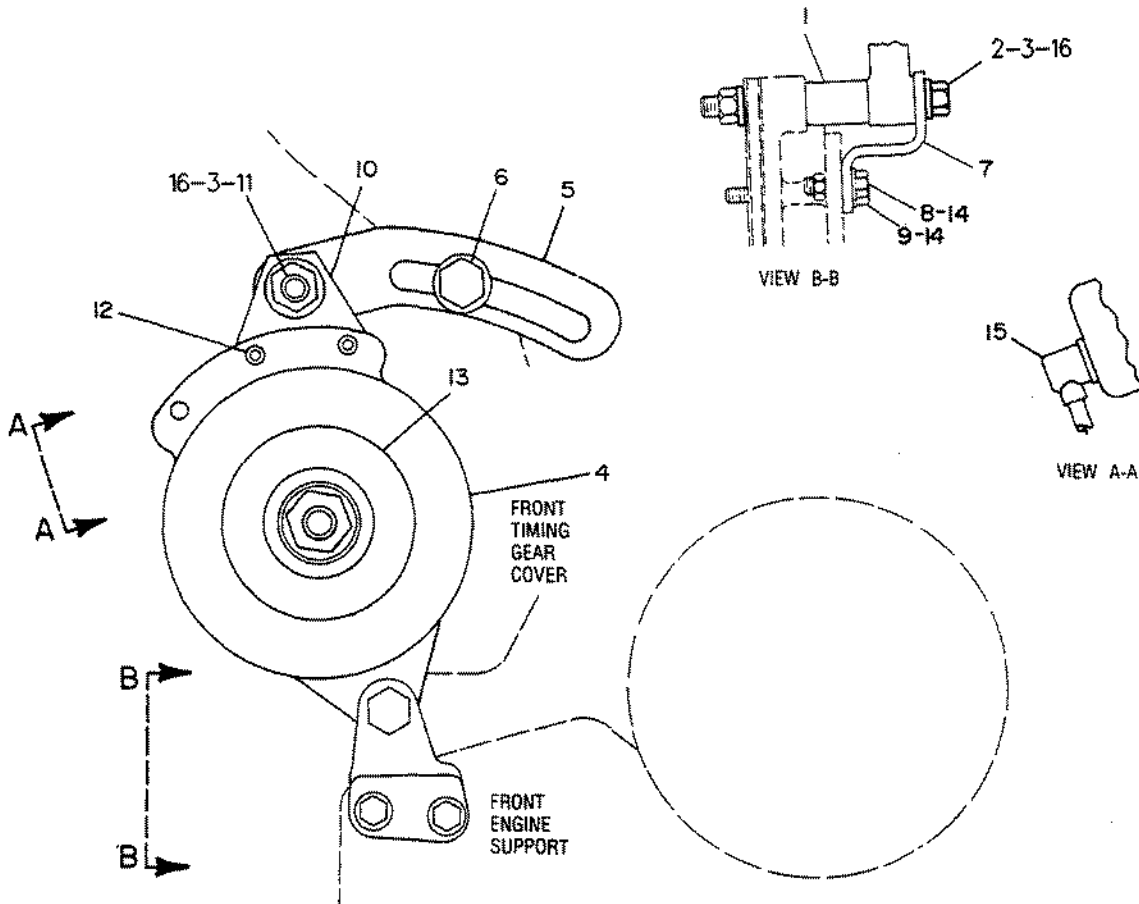
3N2706 ALTERNATOR GP-CHARGING-24 VOLT, 35 AMPERE

6T1395-Page 175

For Use With Fan Drive

Cannot Be Used With Mobile Equipment Front Support
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
RY	1	4J9683	1	SPACER					
	2	9X8878	1	BOLT					
	3	1F7958	2	NUT-FULL					
	4	6T1396	1	ALTERNATOR GP-CHARGING					
	5	8S4182	1	STRAP-BELT ADJUSTMENT					
	6	9S1366	1	BOLT					
		2M0849	1	WASHER					
		1K4649	1	SPACER					
	7	3N2705	1	BRACKET-MOUNTING					
	8	OS1588	1	BOLT					
		9S8752	1	NUT-FULL					
	9	OS1619	1	BOLT					
	10	3N2704	1	PLATE-MOUNTING					
	11	OS1587	1	BOLT					
	12	4B3388	2	BOLT					
		9M1974	2	WASHER-HARD					
	13	8L4529	1	PULLEY-ALTERNATOR					
	14	5M2894	2	WASHER					
	15	6L3483	2	COVER-TERMINAL					
	16	5P8245	4	WASHER					

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

R-544373 EP

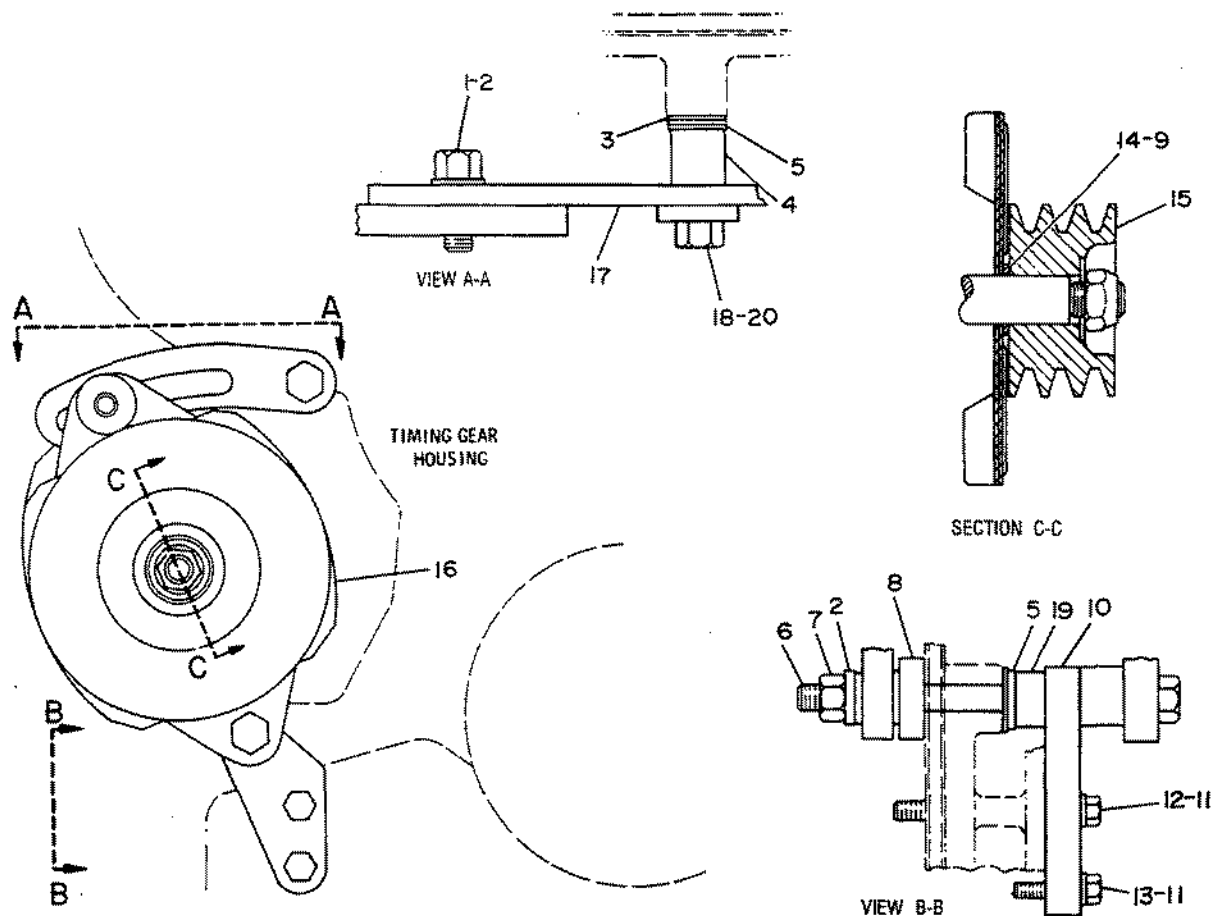
1405

3N2708 ALTERNATOR GP-CHARGING

6T1396-Page 178

For Use With Fan Drive
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
BC	1	7B3235	1	BOLT					
	2	5P8245	3	WASHER					
	3	3H0449	2	LOCK-NUT					
	4	1K4649	1	SPACER					
	5	4B4280	3	WASHER					
	6	2A1531	1	BOLT					
	7	1D4719	1	NUT (FULL)					
	8	1L1526	1	SPACER					
	9	9S1302	1	WASHER					
	10	7N1425	1	44.45MM(1.75IN)OD BRACKET AS-ALTERNATOR					
B	11	5M2894	2	WASHER					
	12	OL1352	1	BOLT					
	13	OS1591	1	BOLT					
YR	14	6H0199	1	WASHER 31.75MM(1.25IN)OD					
	15	8L8867	1	PULLEY					
	16	5S9088	1	ALTERNATOR GP-CHARGING					
	17	8S4182	1	STRAP-BELT ADJUSTMENT					
	18	1A5822	1	BOLT					
	19	1M1993	1	SPACER					
	20	4N3371	1	WASHER					

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
R-REMG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

B-402827 EP

1405

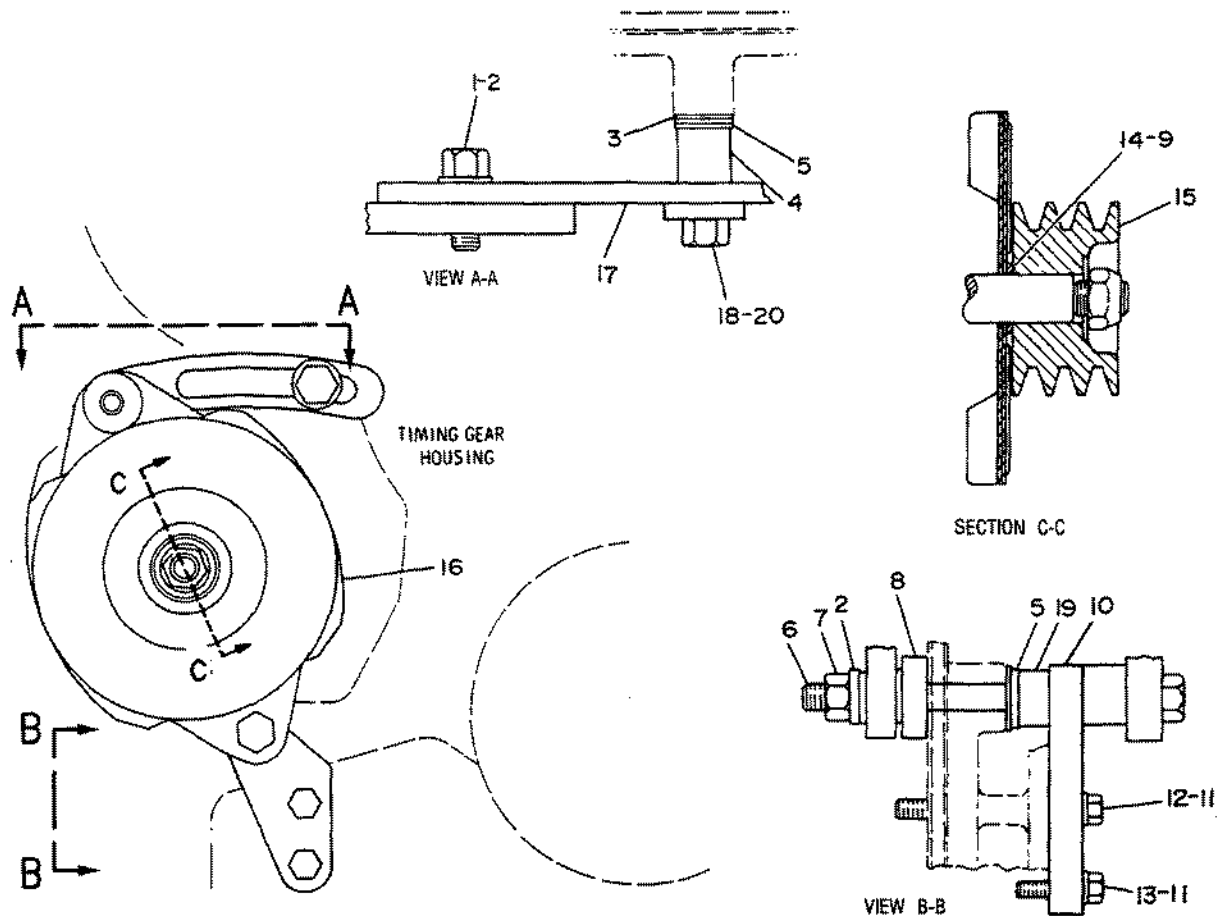
3N2758 ALTERNATOR GP-CHARGING-24 VOLT, 50 AMPERE

Type 1

5S9088-Page 174

An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7B3235	1	BOLT					
	2	5P8245	3	WASHER					
	3	3H0449	2	LOCK-NUT					
	4	1K4649	1	SPACER					
	5	4B4280	3	WASHER					
	6	2A1531	1	BOLT					
C	7	1F7958	1	NUT-FULL (FULL)					
	8	1L1526	1	SPACER					
B	9	9S1302	1	WASHER					
				44.45MM(1.75IN)OD					
	10	7N1425	1	BRACKET AS-ALTERNATOR					
	11	5M2894	2	WASHER					
	12	OL1352	1	BOLT					
	13	OS1591	1	BOLT					
B	14	6H0199	1	WASHER					
				31.75MM(1.25IN)OD					
	15	8L8867	1	PULLEY					
YRC	16	1005047	1	ALTERNATOR GP-CHARGING					
	17	8S4182	1	STRAP-BELT ADJUSTMENT					
	18	1A5822	1	BOLT					
	19	1M1993	1	SPACER					
	20	4N3371	1	WASHER					

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
R-REMG PART MAY BE AVAILABLE

Y-SEPARATE ILLUSTRATION

R-560390 EP

1405

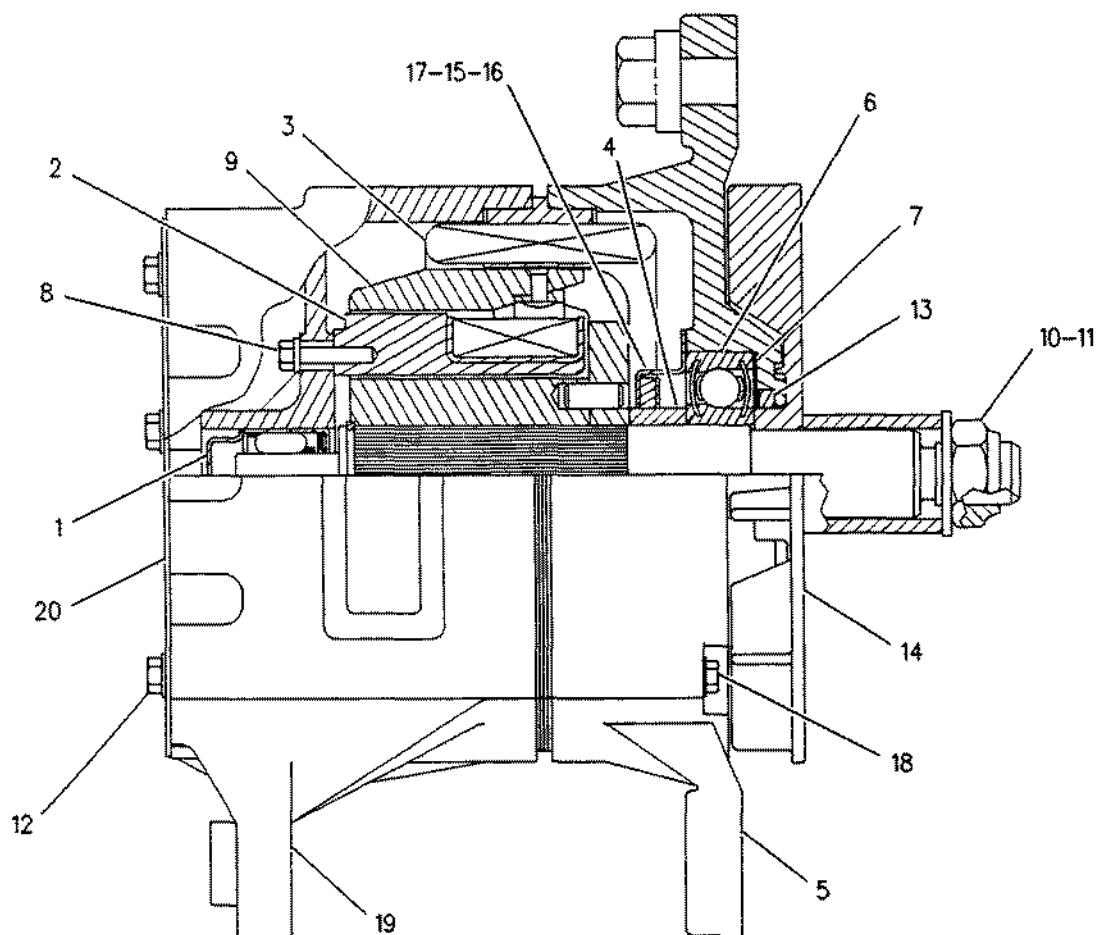
3N2758 ALTERNATOR GP-24 VOLT, 50 AMPERE

Type 2

1005047-Page 174

An Attachment

ELECTRICAL SYSTEM

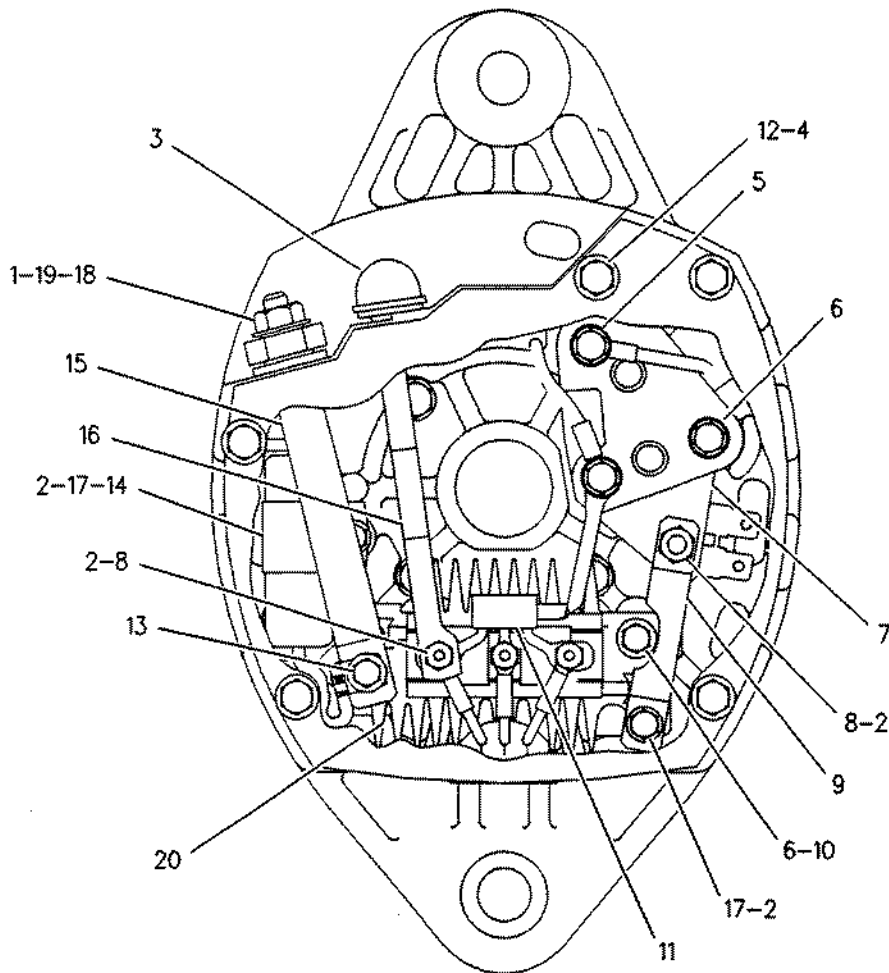


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5P6920	1	BEARING-ROLLER					
	2	7N7806	1	COIL AS-FIELD					
	3	9G5578	1	STATOR AS					
	4	7N7795	1	COLLAR					
	5	7N7810	1	FRAME AS-DRIVE END					
	6	5P7807	1	BALL BEARING					
	7	9L2140	1	PLATE					
	8	9N3388	4	SCREW-SELF LOCKING					
	9	7N7800	1	ROTOR AS					
	10	2K4821	1	LOCKNUT					
	11	7F7621	1	WASHER					
	12	309612	4	SCREW-FORMING					
	13	9L2139	1	WASHER-FELT					
	14	3E5454	1	FAN-ALTERNATOR					
	15	9S2437	3	SCREW-TAPPING					
	16	9L2137	1	RETAINER AS					
	17	8F1434	3	LOCKWASHER					
	18	7N9024	4	BOLT					
	19	7N7805	1	HOUSING					
	20	7N7809	1	PLATE					

F-564981 EP

1405 5N5692 ALTERNATOR GP-CHARGING-24 VOLT, 45 AMPERE-PART 1 OF 2*R
An Attachment

ELECTRICAL SYSTEM



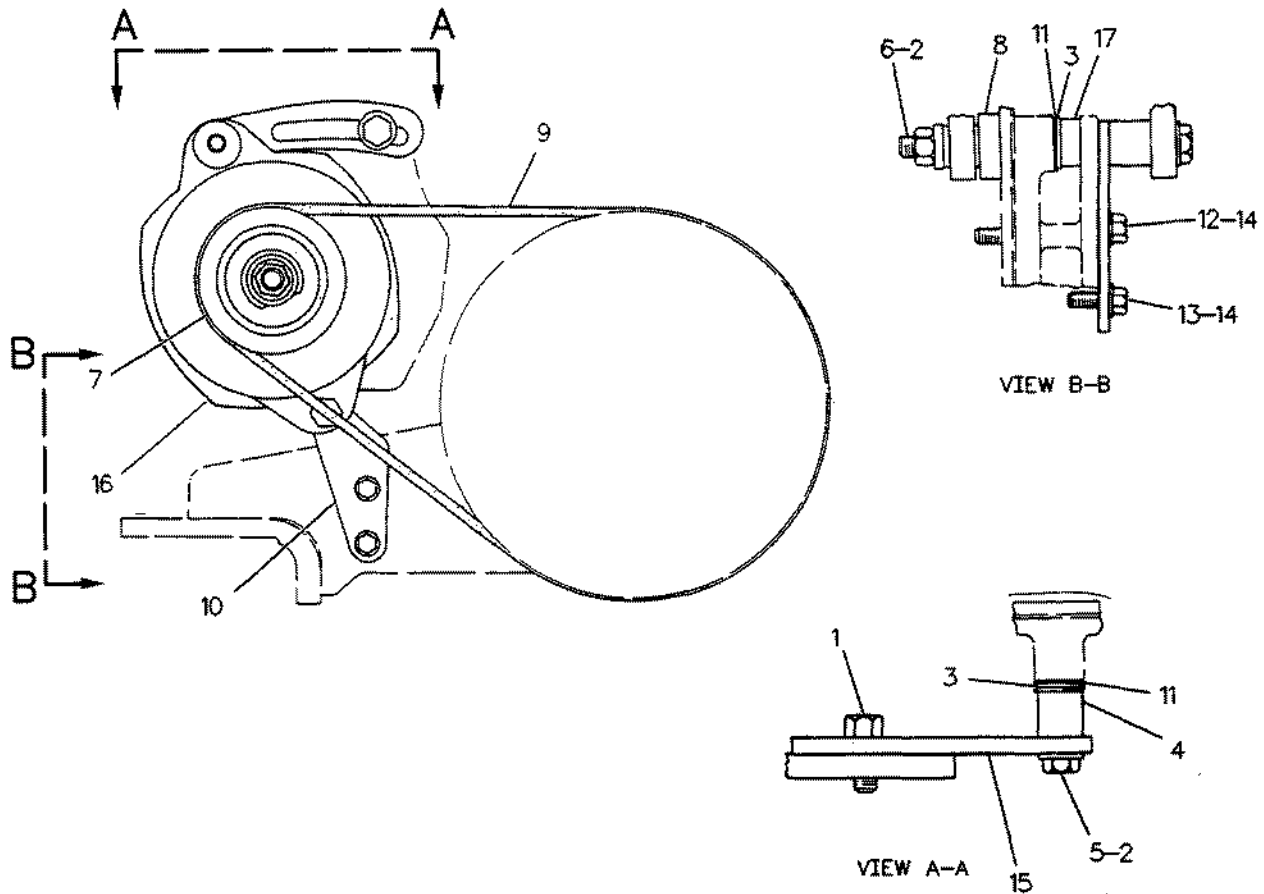
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	8T4205	1	WASHER-HARD			7N7807	1	THE FOLLOWING REPAIR KITS ARE AVAILABLE: KIT-TERMINAL (OUTPUT) (INCL. INSULATOR, SCREW, WASHERS, LOCKWASHER, NUT & ADAPTER)
	2	9B7233	6	LOCKWASHER					
	3	9L6770	1	CAP					
	4	8F1434	4	LOCKWASHER					
	5	6N1872	2	SCREW AS					
	6	7N9023	2	SCREW AS					
	7	3T6354	1	REGULATOR AS					
	8	4B2043	4	NUT			7N7808	1	KIT-TERMINAL (INCL. STUD, BUSHINGS, WASHERS & NUT ASSEM.)
	9	7N7811	1	CONNECTOR					
	10	8T0328	2	WASHER-HARD					
	11	1129119	1	DIODE AS-ALTERNATOR					
	12	309612	1	SCREW-FORMING					
	13	7N9021	1	SCREW AS					
		7N7796	1	BUSHING-TERMINAL					
	14	7N7802	1	CAPACITOR AS					
	15	7N7798	1	CONNECTOR					
	16	7N7801	1	CONNECTOR					
	17	9S2544	2	SCREW-HEX HEAD					
	18	1H3244	1	LOCKWASHER					
	19	6V8187	1	NUT					
	20	7N7122	1	RECTIFIER AS					

C-CHANGE FROM PREVIOUS TYPE

F-572239 EP

1405 5N5692 ALTERNATOR GP-CHARGING-24 VOLT, 45 AMPERE-PART 2 OF 2*R
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7B3235	1	BOLT					
C	2	2M0849	3	WASHER					
C	3	4B4280	3	WASHER					
	4	1K4649	1	SPACER					
C	5	1A5822	1	BOLT					
	6	2A1531	1	BOLT					
		1D4719	1	NUT					
	7	8M8331	1	PULLEY					
	8	1L1526	1	SPACER					
	9	3N4658	1	V-BELT SET (INCL 2 BELTS)					
C	10	7N1425	1	BRACKET AS-ALTERNATOR					
C	11	3H0449	2	LOCK-NUT					
C	12	OL1352	1	BOLT					
C	13	OS1591	1	BOLT					
C	14	5M2894	2	WASHER					
	15	8S4182	1	STRAP-BELT ADJUSTMENT					
Y	16	4N3986	1	ALTERNATOR GP-CHARGING					
C	17	1M1993	1	SPACER					
FY		1N8509	1	WIRING GP					

C-CHANGE FROM PREVIOUS TYPE
F-NOT SHOWN
Y-SEPARATE ILLUSTRATION

R-529563 EP

1405

3N4667 ALTERNATOR GP-CHARGING-24 VOLT, 60 AMPERE

4N3986-Page 172, 1N8509-Page 214

Cannot Be Used With Front Power Take Off Or Fan Drive
An Attachment

ELECTRICAL SYSTEM

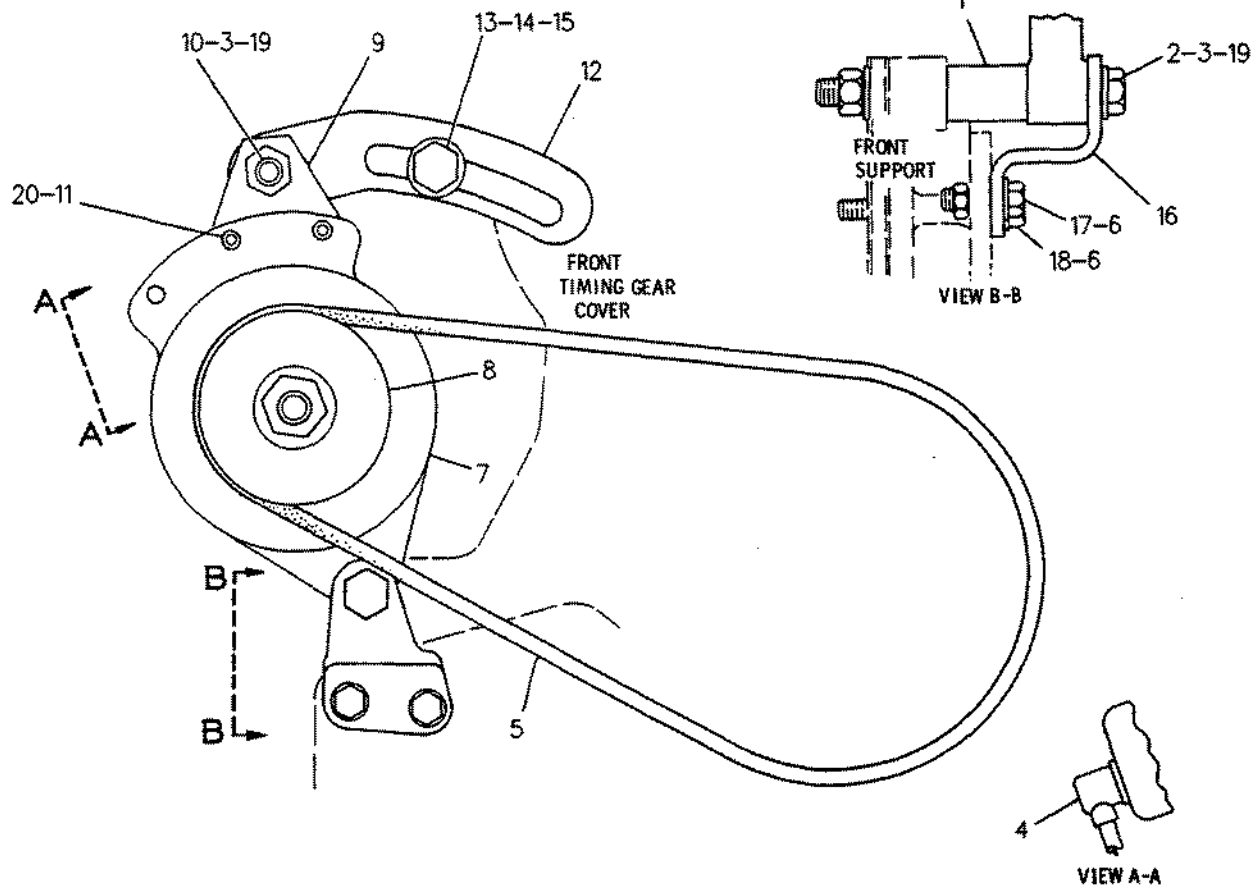
	PAGE
1 3T6352 ALTERNATOR GP.....	176
-OR-	
1 7N9720 ALTERNATOR GP.....	171
-OR-	
1 9G4574 ALTERNATOR GP.....	170

108024 P

1405

6N9294 ALTERNATOR GP-CHARGING-24 VOLT, 35 AMPERE*R
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
YR	1	4J9683	1	SPACER					
	2	9X8878	1	BOLT					
	3	1F7958	2	NUT-FULL					
	4	6L3483	2	COVER-TERMINAL					
	5	5L3979	1	V-BELT					
	6	5M2894	2	WASHER					
	7	6T1396	1	ALTERNATOR GP-CHARGING					
	8	8L4897	1	PULLEY-ALTERNATOR					
	9	3N2704	1	PLATE-MOUNTING					
	10	OS1587	1	BOLT					
	11	4B3388	2	BOLT					
	12	8S4182	1	STRAP-BELT ADJUSTMENT					
	13	9S1366	1	BOLT					
	14	2M0849	1	WASHER					
	15	1K4649	1	SPACER					
	16	3N2705	1	BRACKET-MOUNTING					
	17	OS1588	1	BOLT					
		9S8752	1	NUT-FULL					
	18	OS1619	1	BOLT					
	19	5P8245	4	WASHER					
	20	9M1974	2	WASHER-HARD					

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

R-577603 EP

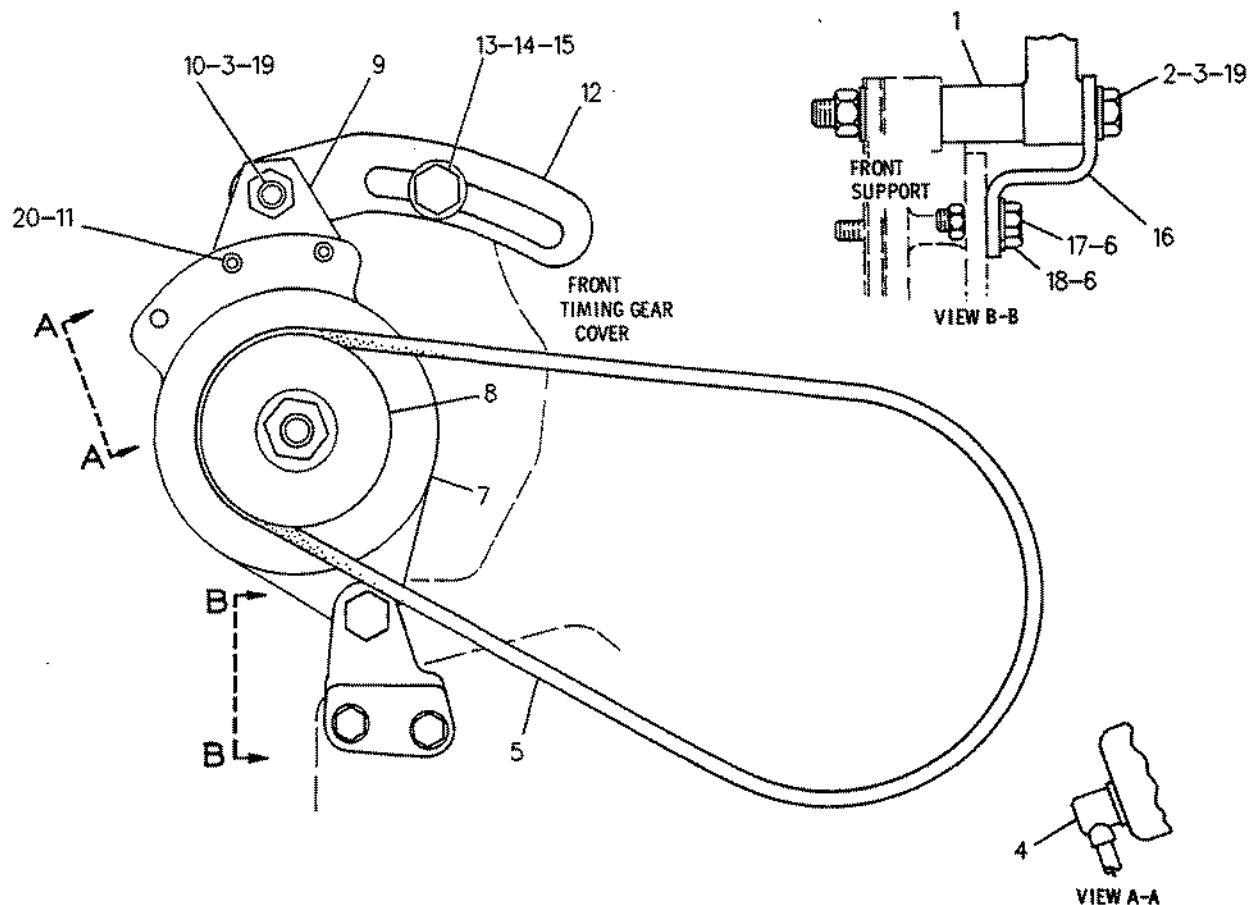
1405

1004510 ALTERNATOR GP-CHARGING-24 VOLT, 55 AMPERE

6T1396-Page 178

Cannot Be Used With Fan Drive Or Power Take Off
For Use With Front Engine Support
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
YR	1	4J9683	1	SPACER					
	2	9X8878	1	BOLT					
	3	1F7958	2	NUT-FULL					
	4	6L3483	2	COVER-TERMINAL					
	5	5L3979	1	V-BELT					
	6	5M2894	2	WASHER					
	7	6T1395	1	ALTERNATOR GP-CHARGING					
	8	8L4897	1	PULLEY-ALTERNATOR					
	9	3N2704	1	PLATE-MOUNTING					
	10	OS1587	1	BOLT					
	11	4B3388	2	BOLT					
	12	8S4182	1	STRAP-BELT ADJUSTMENT					
	13	9S1366	1	BOLT					
	14	2M0849	1	WASHER					
	15	1K4649	1	SPACER					
	16	3N2705	1	BRACKET-MOUNTING					
	17	OS1588	1	BOLT					
		9S8752	1	NUT-FULL					
	18	OS1619	1	BOLT					
	19	5P8245	4	WASHER					
	20	9M1974	2	WASHER-HARD					

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

R-577604 EP

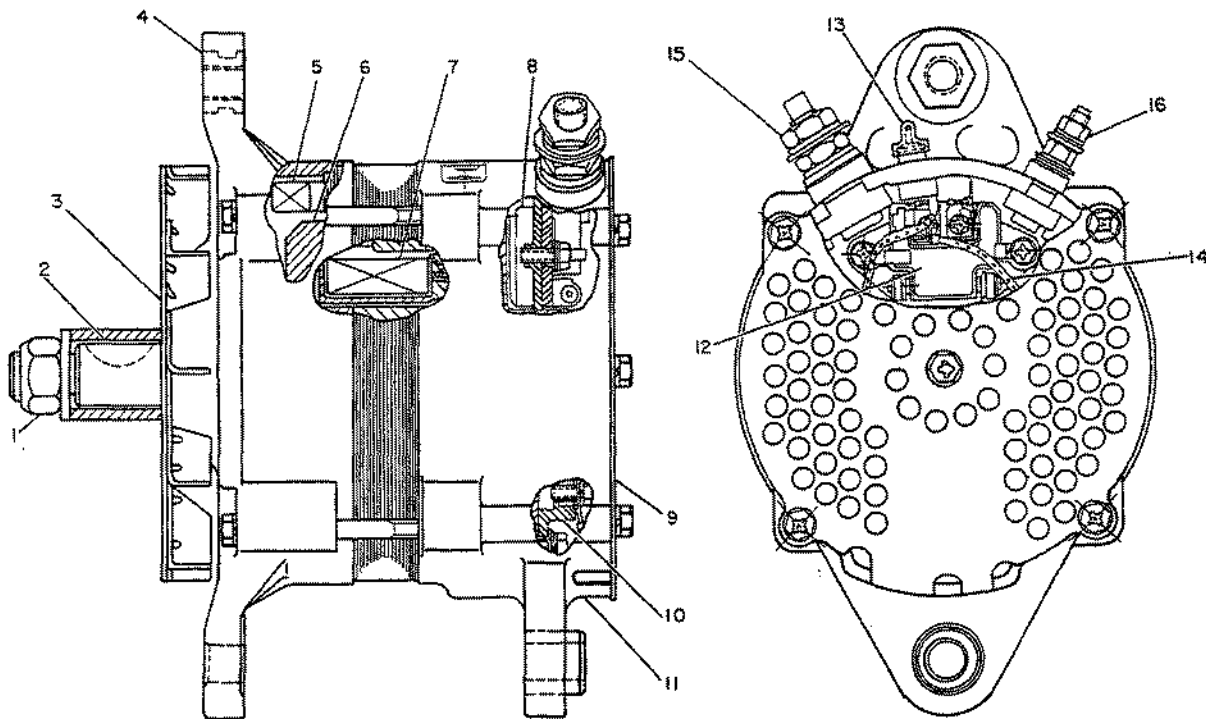
1405

1004511 ALTERNATOR GP-CHARGING-24 VOLT, 35 AMPERE

6T1395-Page 175

Cannot Be Used With Power Take Off Or Fan Drive
For Use With Front Engine Support
An Attachment

ELECTRICAL SYSTEM



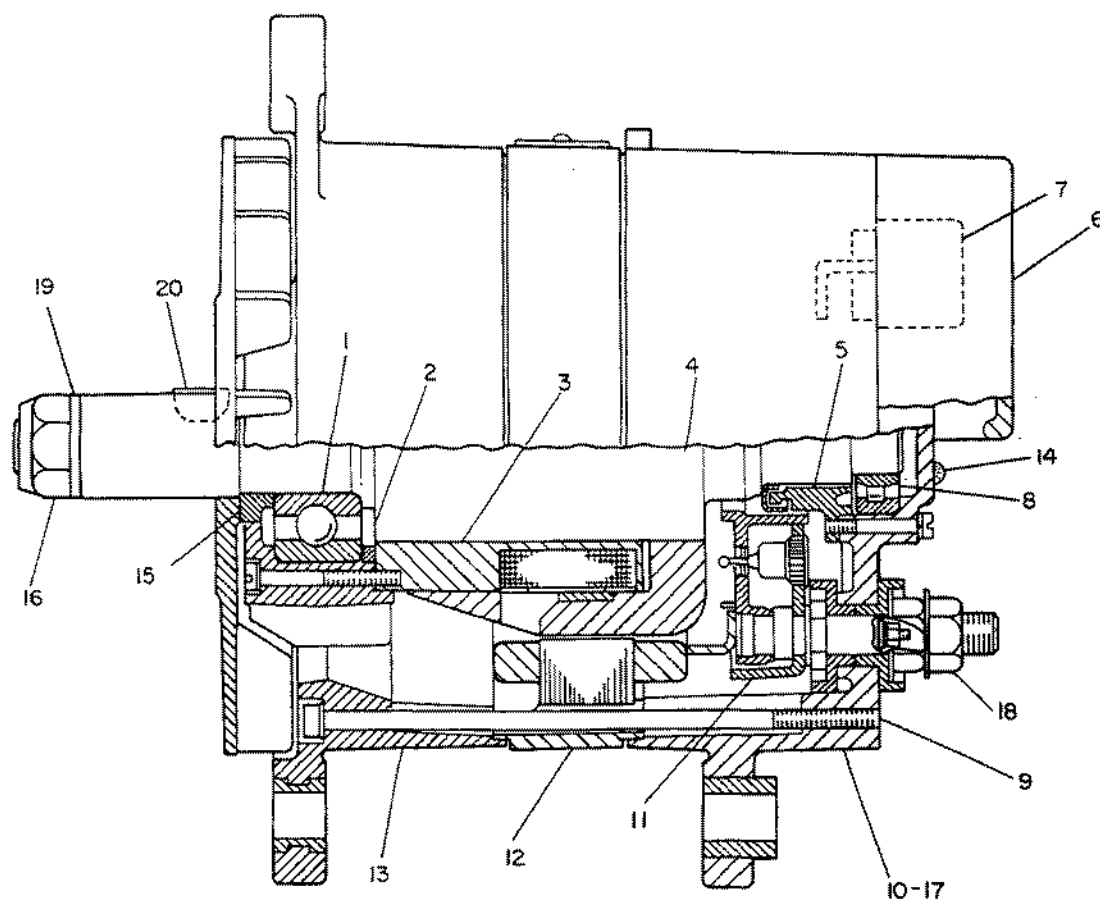
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	2K4821	1	LOCKNUT					THE FOLLOWING REPAIR KITS ARE AVAILABLE: KIT-TERMINAL (POS) (INCLUDES INSULATORS NUTS LOCKWASHERS & WASHERS) KIT-TERMINAL (RELAY) (INCL WIRE AS CAP BOLT & INSULATOR) KIT-TERMINAL (NEG) (INCLUDES INSULATORS, NUTS, WASHERS & LOCKWASHERS) KIT-BEARING (INCLUDES BEARINGS) KIT-HARDWARE (INCL SCREW AS & BOLT AS) KIT-HARDWARE (INCL PLATE AS PLATE BOLT AS WASHERS SPACERS & RING)
		5P8247	1	WASHER-HARD			7T2800	1	
	2	1B8705	1	KEY-WOODRUFF					
	3	7T2793	1	FAN AS			7T2804	1	
	4	7T2792	1	FRAME AS					
	5	7T2794	1	STATOR AS			7T2805	1	
	6	7T2790	1	ROTOR AS					
	7	7T2791	1	COIL AS			7T2799	1	
	8	7T2798	1	REGULATOR AS			7T2803	1	
	9	7T2797	1	COVER					
	10	7T2796	1	HOLDER AS			7T2816	1	
	11	7T2795	1	FRAME AS					
	12	7T2801	1	CONDENSER					
	13	9L6770	1	CAP					
	14	7T2802	1	WIRE AS					
	15	7X0447	1	NUT					
		2H3920	1	LOCKWASHER					
	16	6V8185	1	NUT					
		1H3244	1	LOCKWASHER					

B-489457 EP

1405

9G4574 ALTERNATOR GP-CHARGING-24 VOLT, 35 AMPERE
Part Of 6N9294 Alternator
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9G7551	1	BEARING					THE FOLLOWING REPAIR KITS ARE AVAILABLE:
	2	9G7548	1	RING			9G7554	1	KIT-TERMINAL GROUND (INCL NUTS AND LOCKWASHERS)
	3	9G7558	1	COIL AS-FIELD			9G7555	1	KIT-OUTPUT TERMINAL (OUTPUT-INCL NUTS WASHERS AND BUSHINGS)
	4	9G7560	1	ROTOR AS			9G7556	1	KIT-CAPACITOR (INCL CAPACITOR, SCREW, AND LOCKWASHER)
	5	9G7553	1	RING-COVER			9G7559	1	KIT-RELAY TERMINAL (RELAY-INCL SPLICE, NUT, TUBE, TERMINAL, WASHERS, LOCKWASHER AND BUSHING)
	6	9G7562	1	COVER AS			9G7565	1	KIT-REGULATOR TERMINAL (REGULATOR-INCL NUTS, LOCKWASHERS, WASHERS AND BUSHING)
	7	9G7567	1	REGULATOR AS			7T0816	1	KIT-FAN (INCL FAN, SUPPORT, PLATE AND SPACER)
	8	9G7552	1	BEARING					
M	9	9X6001	4	BOLT-HEX HEAD					
	10	8T0328	4	WASHER-HARD					
	11	9G7568	1	FRAME AS-REAR					
	12	3T1887	1	DIODE AS					
	13	9G7561	1	STATOR AS					
C	14	9G7566	1	FRAME-DRIVE END					
	15	9L6770	1	CAP					
	16	9G7549	1	SPACER					
M	17	2K4821	1	LOCKNUT					
	18	5C2874	1	NUT					
	19	7X0620	1	WASHER-HARD					
	20	1L9048	1	NUT-PLATED JAM					
		8T5360	1	WASHER					
		5P8247	1	WASHER-HARD					
		1B8705	1	KEY-WOODRUFF					

C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART

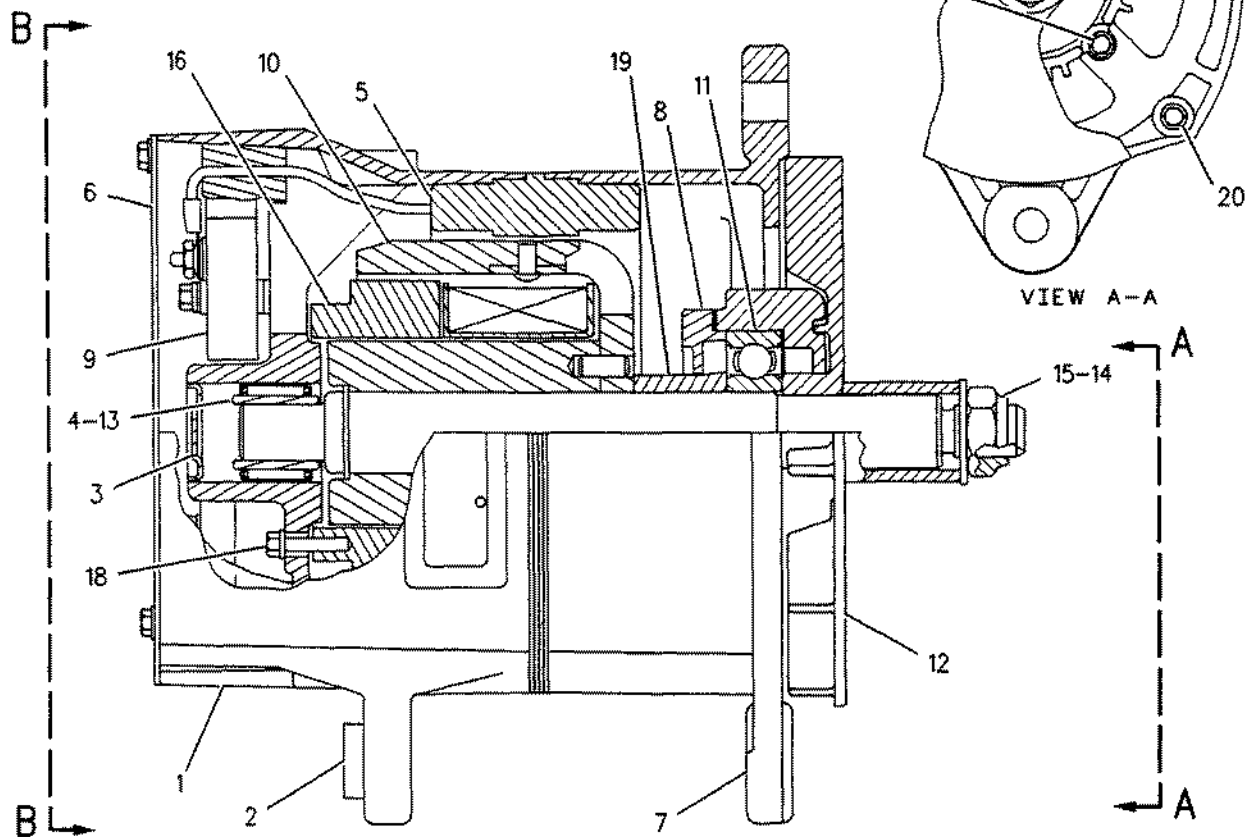
B-489452 EP

1405

7N9720 ALTERNATOR GP-CHARGING-24 VOLT, 35 AMPERE
Part Of 6N9294 Alternator
An Attachment

ELECTRICAL SYSTEM

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

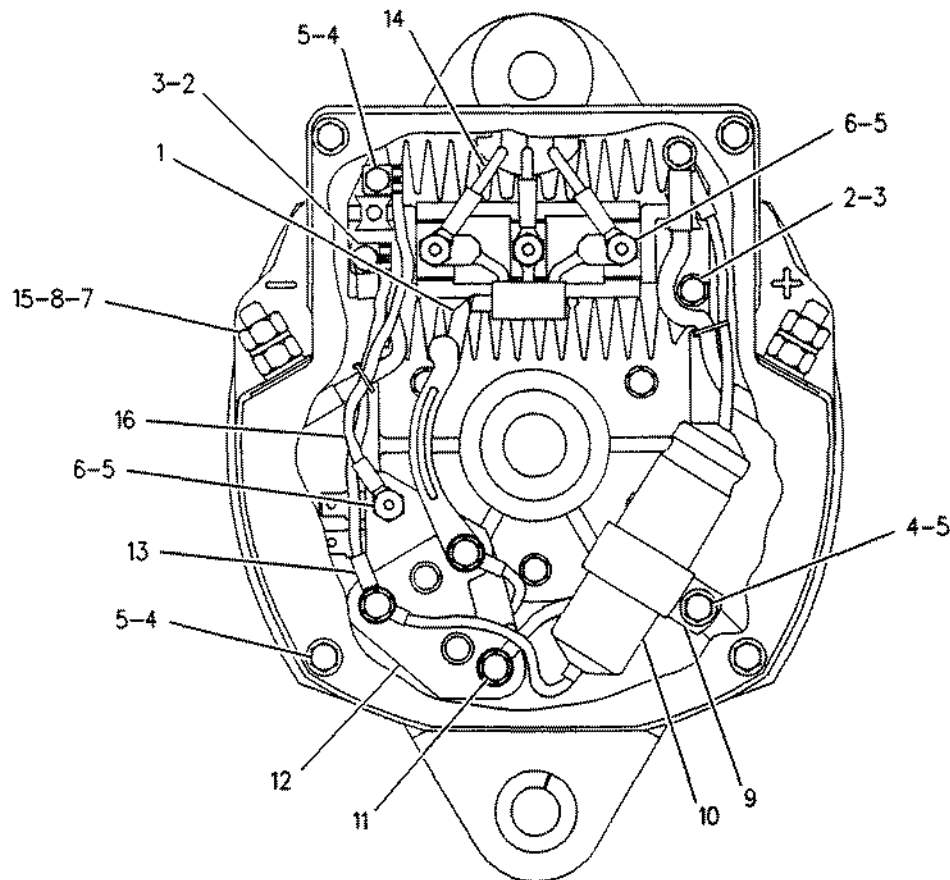


NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6N1876	1	HOUSING AS					
	2	9S2396	1	BUSHING-TERMINAL					
	3	9N0943	1	PLUG-BEARING WELL					
	4	5P3418	1	BEARING-ROLLER					
	5	6N1968	1	STATOR AS					
		9S2014	3	CLIP					
		9N0939	1	GROMMET					
	6	9N0942	1	PLATE-COVER					
	7	2P5616	1	FRAME-DRIVE END					
	8	9S2390	1	RETAINER					
	9	9N0937	1	RECTIFIER AS					
	10	9S2302	1	ROTOR AS					
	11	5P7807	1	BALL BEARING					
	12	1006531	1	FAN-ALTERNATOR					
	13	5P3419	1	RACE-BEARING INNER					
	14	7F7621	1	WASHER					
	15	2K4821	1	LOCKNUT					
	16	6N1945	1	COIL AS-FIELD					
	17	9X2500	4	SCREW-HEX FLANGE					
	18	9N3388	5	SCREW-SELF LOCKING					
	19	1006532	1	COLLAR-ALTERNATOR					
	20	9S2009	4	SCREW-HEAD					

F-560487 EP

1405 4N3986 ALTERNATOR GP-CHARGING-24 VOLT, 60 AMPERE-PART 1 OF 2-R
Part Of 3N4667 Alternator
An Attachment

ELECTRICAL SYSTEM



VIEW B-B

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6N1944	1	DIODE AS					
	2	6N1870	2	SCREW AS					
		8M6701	3	WASHER 12.7MM(.5IN)OD			6N1875	1	THE FOLLOWING REPAIR KITS ARE AVAILABLE:
		6N1856	4	BUSHING-TERMINAL					1 KIT-TERMINAL
	3	8T0328	2	WASHER-HARD 10MM(.39IN)OD					(INCLUDES TERMINAL AND LOAD, BUSHING, WASHERS, NUTS AND LOCKWASHERS)
	4	9S2544	7	SCREW-HEX HEAD			1053762	1	1 KIT-ALTERNATOR TERMINAL
	5	9B7233	11	LOCKWASHER					(INCLUDES TERMINAL, INSULATOR, BUSHING, WASHER, NUTS AND LOCKWASHERS)
	6	4B2043	4	NUT					
	7	6V8187	2	NUT					
	8	1H3244	2	LOCKWASHER					
	9	6N1925	1	BRACKET					
	10	6N1946	1	CAPACITOR AS					
	11	6N1872	3	SCREW AS					
	12	3T6354	1	REGULATOR AS					
	13	6N1873	1	LEAD AS					
	14	2L8075	3	TERMINAL					
	15	8T4205	2	WASHER-HARD					
	16	6N1871	1	LEAD AS					

F-560488 EP

1405 4N3986 ALTERNATOR GP-CHARGING-24 VOLT, 60 AMPERE-PART 2 OF 2*R
Part Of 3N4667 Alternator
An Attachment

ELECTRICAL SYSTEM

PAGE

1	3E7578 ALTERNATOR GP-CHARGING.....	179.01
	-OR-	
1	6T7223 ALTERNATOR GP-CHARGING.....	181
	-OR-	
1	9G9538 ALTERNATOR GP-CHARGING.....	180

548954 P

1405

5S9088 ALTERNATOR GP-CHARGING-24 VOLT, 50 AMPERE*R

Part Of 3N2758 Alternator

Field Replacement Order 1005047-Page 174

An Attachment

PAGE

1	1005045 ALTERNATOR GP-CHARGING.....	174.01
	-OR-	
1	1005046 ALTERNATOR GP-CHARGING.....	174.02

548957 P

1405

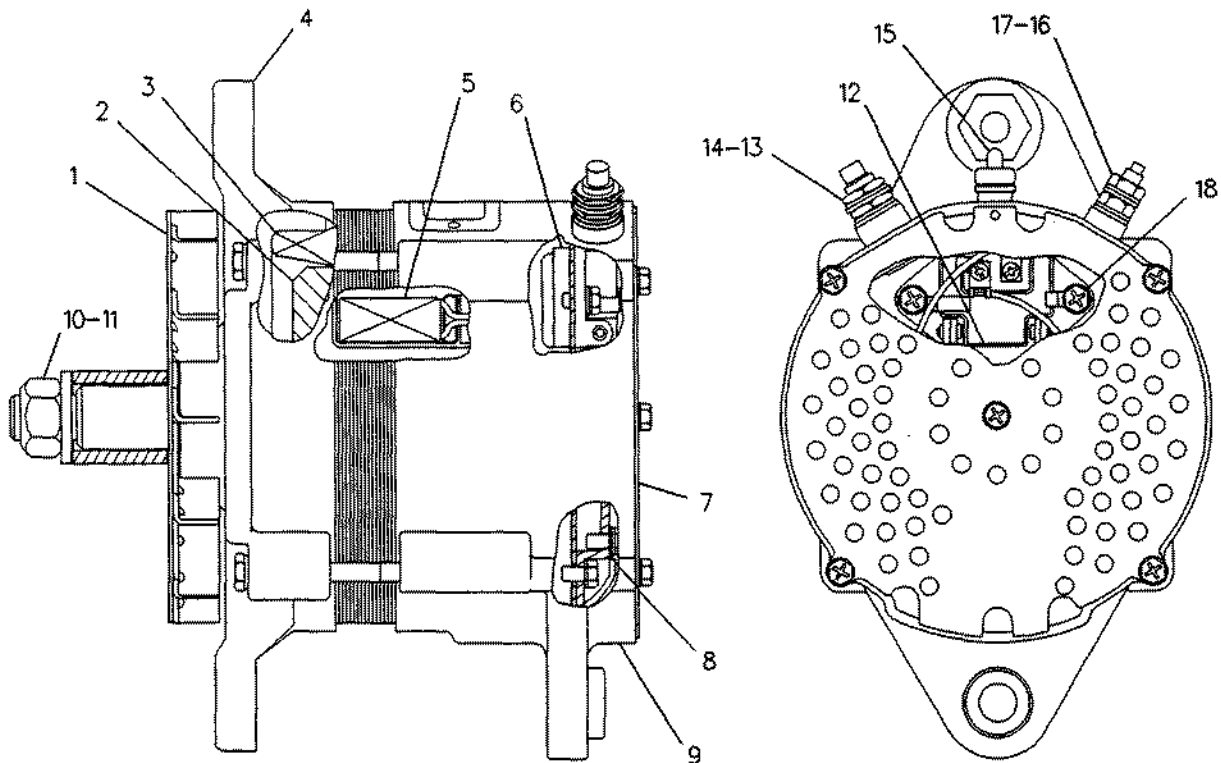
1005047 ALTERNATOR GP-CHARGING-24 VOLT, 50 AMPERE*R

Part Of 3N2758 Alternator

Field Replacement For 5S9088-Page 174

Field Replacement Order 1125041-Page 181.01

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7T2793	1	FAN AS					THE FOLLOWING REPAIR KITS ARE AVAILABLE:
	2	7T2790	1	ROTOR AS			7T2799	1	
	3	7T6418	1	STATOR AS			7T2800	1	
	4	7T2792	1	FRAME AS			7T2803	1	
	5	7T6417	1	COIL AS			7T2804	1	
	6	7T2798	1	REGULATOR AS			7T2805	1	
	7	7T2797	1	COVER			7T2816	1	
	8	7T6416	1	HOLDER AS					
	9	7T2795	1	FRAME AS					
	10	2K4821	1	LOCKNUT					
	11	5P8247	1	WASHER-HARD					
	12	7T2801	1	CONDENSER					
	13	7X0447	1	NUT					
	14	2H3920	1	LOCKWASHER					
	15	9L6770	1	CAP					
	16	6V8185	1	NUT					
	17	1H3244	1	LOCKWASHER					
	18	7T2802	1	WIRE AS					
F		1B8705	1	KEY-WOODRUFF					

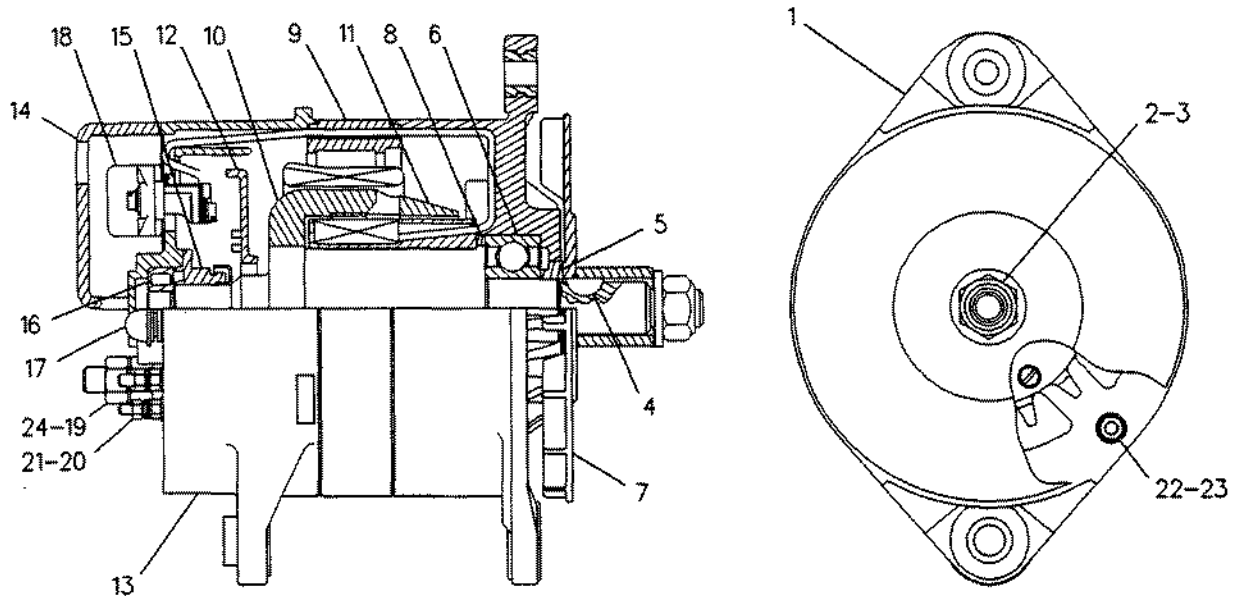
F-NOT SHOWN

F-562205 EP

1405

1005045 ALTERNATOR GP-CHARGING-24 VOLT, 50 AMPERE
Part Of 1005047 Alternator

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
		1 9G7566	1	FRAME-DRIVE END					THE FOLLOWING REPAIR KITS ARE AVAILABLE: 9G7554 1 KIT-TERMINAL GROUND 9G7555 1 KIT-OUTPUT TERMINAL 9G7556 1 KIT-CAPACITOR 9G7559 1 KIT-RELAY TERMINAL 9G7565 1 KIT-REGULATOR TERMINAL
		2 2K4821	1	LOCKNUT					
		3 5P8247	1	WASHER-HARD					
		4 1B8705	1	KEY-WOODRUFF					
		5 9G7549	1	SPACER					
		6 9G7551	1	BEARING					
		7 9G7564	1	FAN					
		8 9G7548	1	RING					
		9 3T1886	1	STATOR AS					
		10 3T1885	1	COIL AS-FIELD					
		11 9G7560	1	ROTOR AS					
		12 3T1887	1	DIODE AS					
		13 9G7568	1	FRAME AS-REAR					
		14 9G7562	1	COVER AS					
		15 9G7553	1	RING-COVER					
		16 9G7552	1	BEARING					
		17 9L6770	1	CAP					
		18 9G7567	1	REGULATOR AS					
		19 7X0447	1	NUT					
M		20 5C2874	1	NUT					
		21 7X0620	1	WASHER-HARD					
M		22 9X6001	4	BOLT-HEX HEAD					
		23 8T0328	4	WASHER-HARD					
		24 8T5360	1	WASHER					

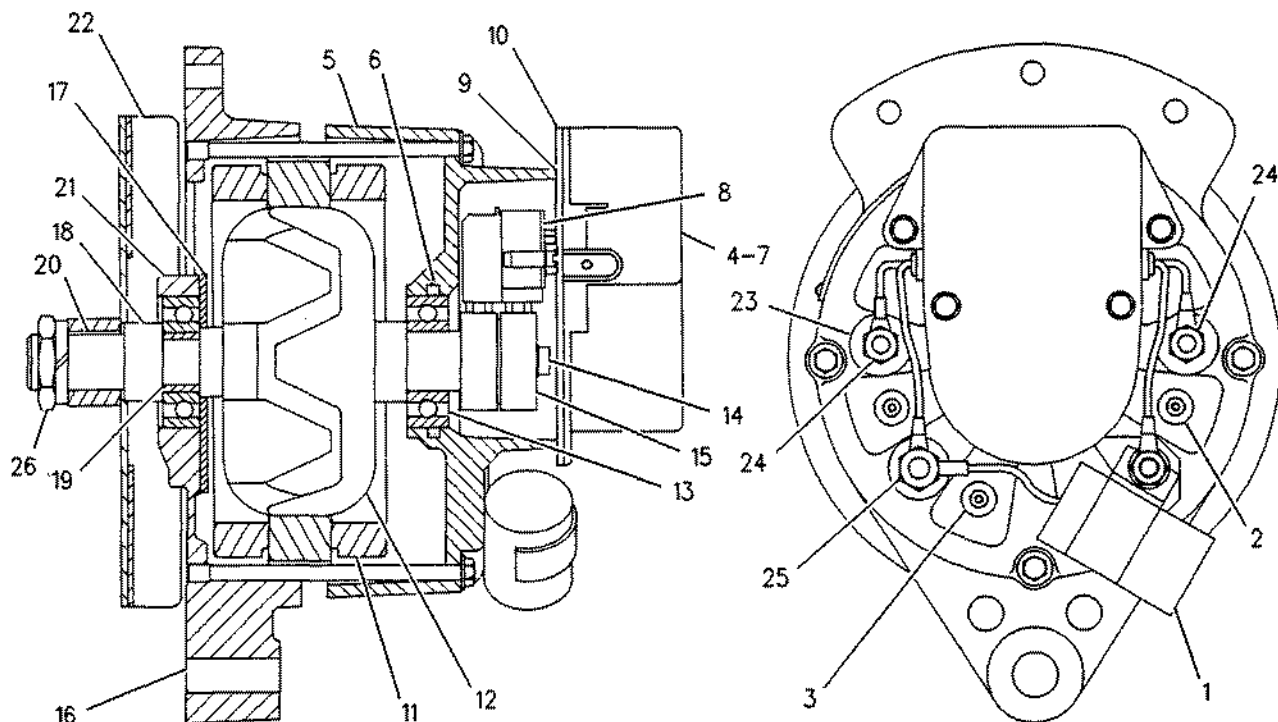
M-METRIC PART

F-562206 EP

1405

1005046 ALTERNATOR GP-CHARGING-24 VOLT, 50 AMPERE
Part Of 1005047 Alternator

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6T4117	1	CAPACITOR		23	7T0895	2	CAP
	2	7T0677	1	DIODE AS-NEGATIVE (3 DIODES-)	C	24	4B2046	3	NUT
	3	7T0676	1	DIODE AS-POSITIVE (3 DIODES+)	C	25	6V8185	1	NUT
	4	6T9445	1	REGULATOR-VOLTAGE	C	26	2K4821	1	LOCKNUT
	5	6T9446	1	HOUSING-REAR					
	6	9G5208	1	RETAINER-REAR BEARING					
	7	6T2032	1	GASKET-COVER					
	8	6T2031	1	BRUSH AS	C		7X1028	1	KIT-TERMINAL (INCL INSULATORS,NUTS, LOCKWASHERS,SCREWS,& WASHERS)
	9	6T4116	1	GASKET					
	10	6T4100	1	PLATE-ADAPTER					
	11	6T9443	1	STATOR AS	C		7X1029	1	KIT-HARDWARE (INCL BOLTS,LOCKWASHERS, NUTS,SCREWS,STRAPS,& WASHERS)
	12	3N1202	1	ROTOR AS					
	13	5P6836	1	BEARING					
	14	3K6168	1	BOLT					
		7H2079	1	LOCKWASHER					
		3N1223	1	WASHER					
	15	3N1200	1	RING AS-SLIP					
	16	8L9655	1	HOUSING-FRONT					
	17	6T2027	1	RETAINER-BEARING					
	18	1N9087	1	SPACER-FAN					
	19	8L9654	4	SLEEVE-SHAFT					
	20	1B8704	1	KEY-WOODRUFF					
	21	1S7056	1	BALL BEARING					
	22	8L9661	1	FAN					

C-CHANGE FROM PREVIOUS TYPE

F-561257 EP

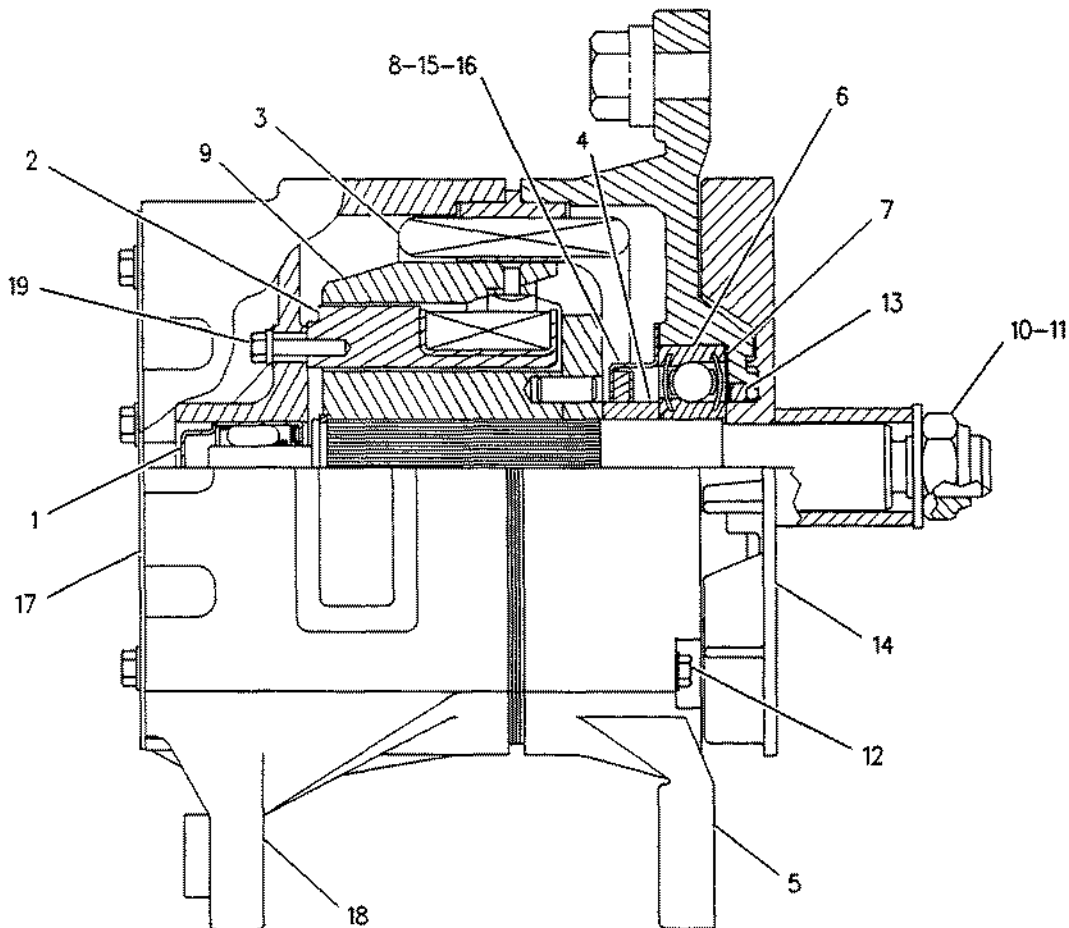
1405

6T1395 ALTERNATOR GP-CHARGING-24 VOLT, 35 AMPERE*R

Part Of 3N2706 & 1004511 Alternators

An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5P6920	1	BEARING-ROLLER					
	2	7N7806	1	COIL AS-FIELD					
	3	7N7804	1	STATOR AS					
	4	7N7795	1	COLLAR					
	5	7N7810	1	FRAME AS-DRIVE END					
	6	6V2202	1	BALL BEARING					
	7	9L2140	1	PLATE					
	8	8F1434	3	LOCKWASHER (5MM ID)					
	9	7N7800	1	ROTOR AS					
	10	2K4821	1	LOCKNUT (5/8-18 THD)					
	11	7F7621	1	WASHER					
	12	7N9024	4	BOLT					
	13	9L2139	1	WASHER-FELT					
	14	3E5454	1	FAN-ALTERNATOR					
	15	9S2437	3	SCREW-TAPPING					
	16	9L2137	1	RETAINER AS					
	17	7N7809	1	PLATE					
	18	7N7805	1	HOUSING					
	19	9N3388	4	SCREW-SELF LOCKING					

F-561610 EP

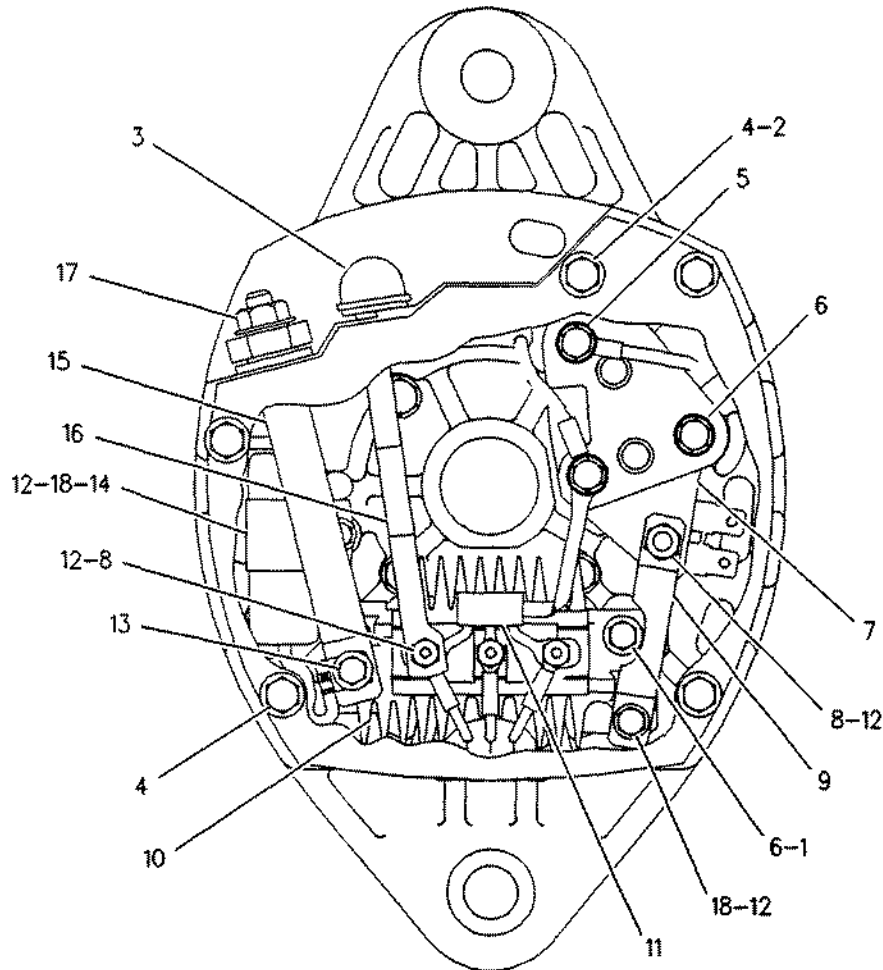
1405

3T6352 ALTERNATOR GP-CHARGING-24 VOLT, 35 AMPERE-PART 1 OF 2

Part Of 6N9294 Alternator

An Attachment

ELECTRICAL SYSTEM



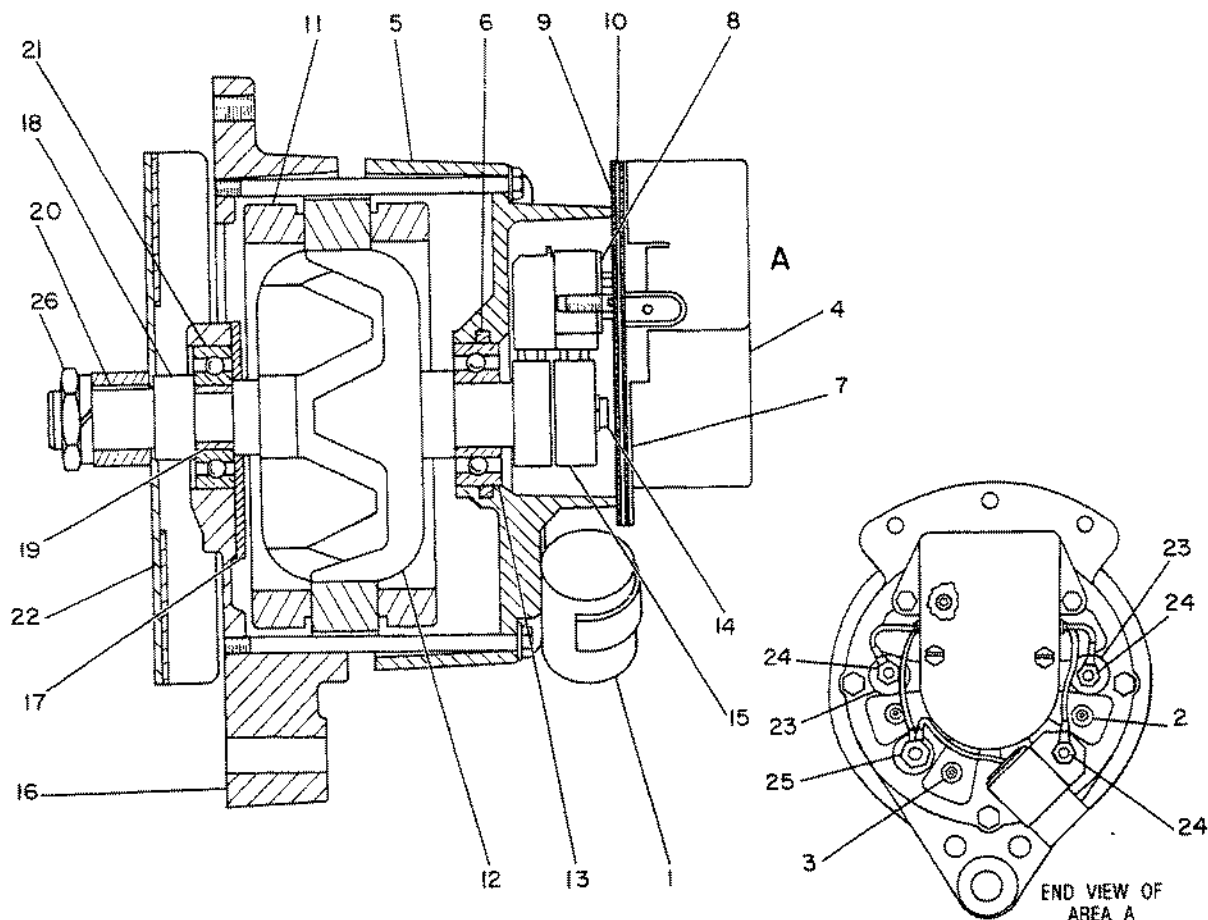
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8T0328	2	WASHER-HARD (1MM THK)					THE FOLLOWING REPAIR KITS ARE AVAILABLE:
	2	8F1434	4	LOCKWASHER (5MM ID)			7N7807	1	KIT-TERMINAL (OUTPUT)
	3	9L6770	1	CAP					(INCL INSULATOR, SCREW,
C	4	309612	5	SCREW-FORMING			7N7808	1	WASHERS, LOCKWASHER,
	5	6N1872	2	SCREW AS					NUT & ADAPTER)
C	6	7N9023	2	SCREW AS					KIT-TERMINAL
	7	3T6354	1	REGULATOR AS					(INCL STUD, BUSHINGS,
	8	4B2043	4	NUT (8-32 THD)					WASHERS & NUT AS)
	9	7N7811	1	CONNECTOR					
	10	7N7122	1	RECTIFIER AS					
	11	1129119	1	DIODE AS-ALTERNATOR					
	12	9B7233	6	LOCKWASHER (NO.8)					
	13	7N9021	1	SCREW AS					
		7N7796	1	BUSHING-TERMINAL					
	14	7N7802	1	CAPACITOR AS					
		3N4082	1	BRACKET					
	15	7N7798	1	CONNECTOR					
	16	7N7801	1	CONNECTOR					
C	17	5L4426	1	NUT-FULL					
C		3B4504	1	LOCKWASHER (.077IN THK)					
		8T4205	1	WASHER-HARD (2MM THK)					
	18	9S2544	2	SCREW-HEX HEAD					

C-CHANGE FROM PREVIOUS TYPE

F-571868 EP

1405 3T6352 ALTERNATOR GP-CHARGING-24 VOLT, 35 AMPERE-PART 2 OF 2
Part Of 6N9294 Alternator
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6T4117	1	CAPACITOR		23	7T0895	2	CAP
	2	7T0677	1	DIODE AS-NEGATIVE (3 DIODES-)	C	24	4B2046	3	NUT
	3	7T0676	1	DIODE AS-POSITIVE (3 DIODES+)	C	25	4L6458	1	NUT-FULL
	4	6T4156	1	REGULATOR-VOLTAGE	C	26	6V8645	1	NUT
	5	6T9446	1	HOUSING-REAR					THE FOLLOWING REPAIR KITS ARE AVAILABLE:
	6	9G5208	1	RETAINER-REAR BEARING			7X1029	1	KIT-HARDWARE (INCL BOLT,NUT,SCREWS, WASHERS, LOCKWASHERS & SEAL)
	7	6T2032	1	GASKET-COVER			7X1028	1	KIT-TERMINAL (INCL INSULATORS, WASHERS, BOLTS, NUTS, LOCKNUTS & LOCKWASHERS)
	8	6T2031	1	BRUSH AS					
	9	6T4116	1	GASKET					
	10	6T4100	1	PLATE-ADAPTER					
	11	2N7364	1	STATOR AS					
	12	3N1203	1	ROTOR AS					
	13	5P6836	1	BEARING					
	14	3K6168	1	BOLT					
		7H2079	1	LOCKWASHER					
		3N1223	1	WASHER					
	15	3N1200	1	RING AS-SLIP					
	16	8L9655	1	HOUSING-FRONT					
	17	6T2027	1	RETAINER-BEARING					
	18	1N9087	1	SPACER-FAN					
	19	8L9654	4	SLEEVE-SHAFT					
	20	1B8704	1	KEY-WOODRUFF					
	21	1S7056	1	BALL BEARING					
	22	8L9661	1	FAN					

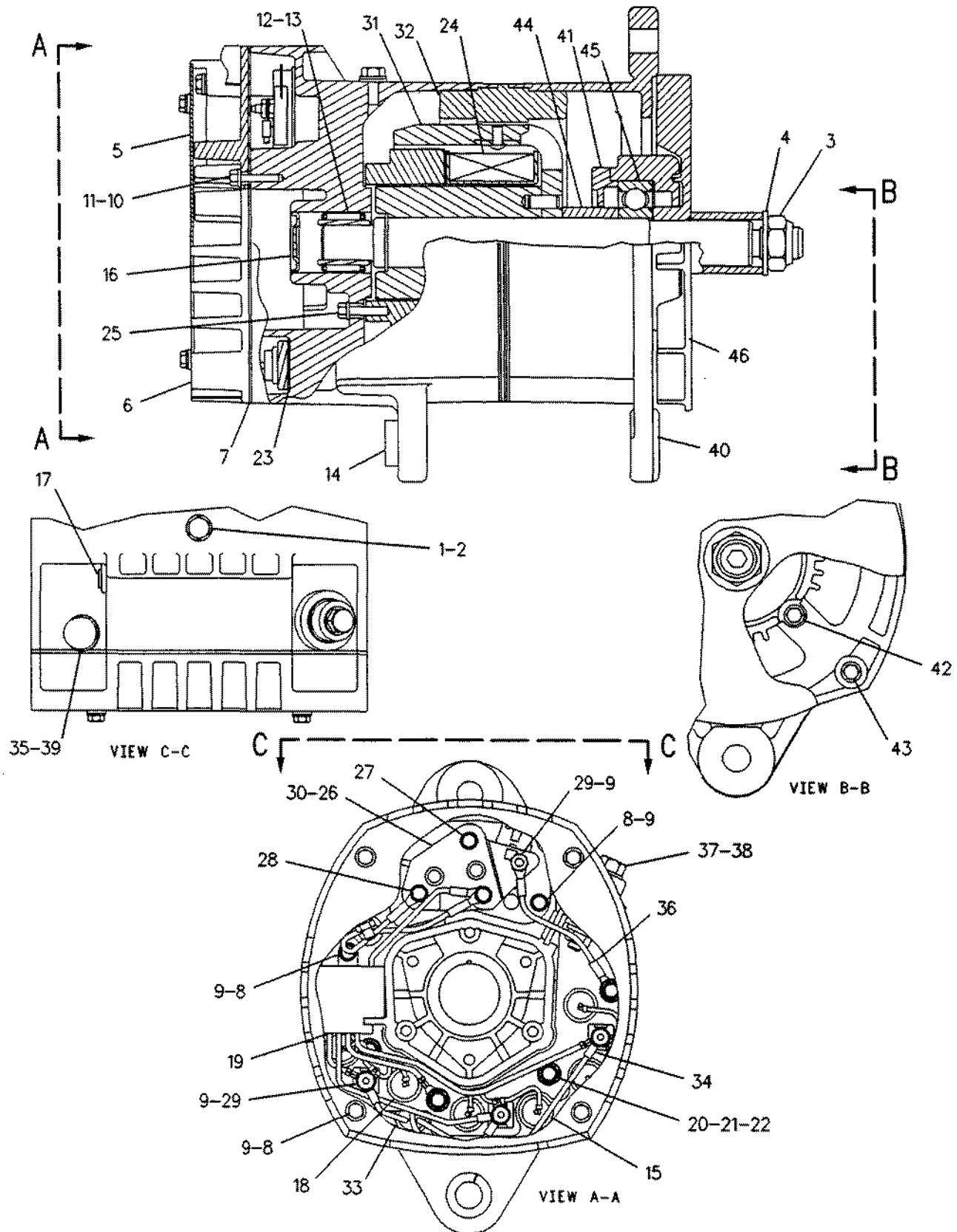
C-CHANGE FROM PREVIOUS TYPE

B-458837 EP

1405

6T1396 ALTERNATOR GP-CHARGING-12 VOLT, 55 AMPERE*R
Part Of 3N2708 & 1004510 Alternators
An Attachment

ELECTRICAL SYSTEM



F-552148 EP

1405

3E7578 ALTERNATOR GP-CHARGING-R
 24 Volt, 50 Amperes
 Part Of 5S9088 Alternator-Charging

ELECTRICAL SYSTEM

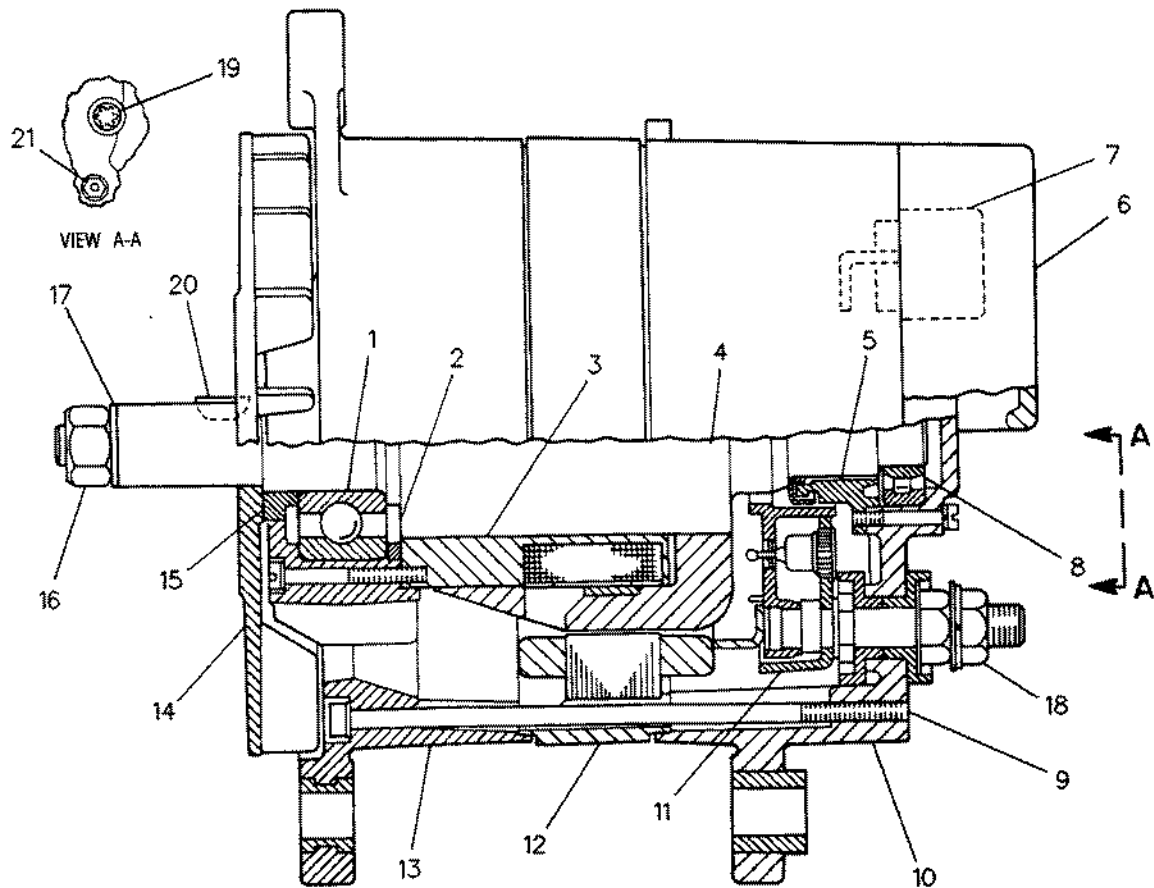
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9S2011	1	SCREW-MACHINE					
	2	1H3244	1	LOCKWASHER					
	3	2K4821	1	LOCKNUT					
	4	7F7621	1	WASHER					
	5	9S2260	1	PLATE-COVER					
	6	9S2255	1	COVER					
	7	9S2262	1	GASKET					
	8	9S2544	6	SCREW-HEX HEAD					
	9	9B7233	10	LOCKWASHER					
	10	9S2437	5	SCREW-TAPPING					
	11	8F1434	5	LOCKWASHER					
	12	5P3418	1	BEARING-ROLLER					
	13	5P3419	1	RACE-BEARING INNER					
	14	9S2396	1	BUSHING-TERMINAL					
	15	9S2393	3	DIODE-NEGATIVE					
	16	9N0943	1	PLUG-BEARING WELL					
	17	9F2247	1	PLUG					
	18	9S2292	1	HEAT SINK AS					
		9S2290	3	KIT-DIODE JUNCTION STUD					
		9S2291	3	KIT-POSITIVE DIODE					
	19	1006656	1	DIODE AS-ALTERNATOR					
	20	9S9830	4	SCREW-FORMING					
	21	8C9660	4	WASHER					
	22	9S2300	4	INSULATOR					
	23	9S2301	1	INSULATION					
	24	9S2248	1	COIL & SUPPORT AS					
	25	9N3388	3	SCREW-SELF LOCKING					
	26	3T6354	1	REGULATOR AS					
	27	7N9023	1	SCREW AS					
	28	6N1872	2	SCREW AS					
	29	4B2043	4	NUT					
	30	1006657	1	PLATE-ALTERNATOR					
	31	9S2302	1	ROTOR AS					
	32	9S2004	1	STATOR AS					
		9S2005	1	GROMMET					
		9S2006	1	INSULATOR					
		9S2014	3	CLIP					
	33	9S2005	1	GROMMET					
	34	2L8075	3	TERMINAL					
	35	9S2013	1	KIT-RELAY TERMINAL					
	36	1006658	1	WIRE AS-ALTERNATOR					
	37	9S2012	1	KIT-OUTPUT TERMINAL					
	38	9S2389	1	STUD AS					
	39	9L6770	1	CAP					
	40	2P5616	1	FRAME-DRIVE END					
	41	9S2390	1	RETAINER					
	42	9X2500	4	SCREW-HEX FLANGE					
	43	9S2009	4	SCREW-HEAD					
	44	1006532	1	COLLAR-ALTERNATOR					
	45	5P7807	1	BALL BEARING					
	46	1006531	1	FAN-ALTERNATOR					

552150 EP

1405

3E7578 ALTERNATOR GP-CHARGING*R
 24 Volt, 50 Ampere
 Part Of 5S9088 Alternator-Charging

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	9G7551	1	BEARING					THE FOLLOWING REPAIR KITS ARE AVAILABLE: KIT-TERMINAL GROUND (INCL NUTS AND LOCKWASHERS) KIT-OUTPUT TERMINAL (INCL NUTS, WASHERS AND BUSHINGS) KIT-CAPACITOR (INCL CAPACITOR, SCREW, LOCKWASHER AND WASHER) KIT-RELAY TERMINAL (INCL SPLICE, TUBE, NUT, TERMINAL, WASHERS AND BUSHINGS) KIT-REGULATOR TERMINAL (INCL NUTS, WASHERS AND BUSHING)
	2	9G7548	1	RING			9G7554	1	
	3	3T1885	1	COIL AS-FIELD					
	4	9G7560	1	ROTOR AS			9G7555	1	
	5	9G7553	1	RING-COVER					
	6	9G7562	1	COVER AS			9G7556	1	
	7	9G7567	1	REGULATOR AS					
	8	9G7552	1	BEARING			9G7559	1	
	9	9X6001	4	BOLT-HEX HEAD					
		8T0328	4	WASHER-HARD			9G7565	1	
	10	9G7568	1	FRAME AS-REAR					
	11	3T1887	1	DIODE AS					
	12	3T1886	1	STATOR AS					
	13	9G7566	1	FRAME-DRIVE END					
	14	9G7564	1	FAN					
	15	9G7549	1	SPACER					
	16	2K4821	1	LOCKNUT					
	17	5P8247	1	WASHER-HARD					
M	18	7X0447	1	NUT					
		8T5360	1	WASHER					
	19	9L6770	1	CAP					
	20	1B8705	1	KEY-WOODRUFF					
	21	5C2874	1	NUT					
		7X0620	1	WASHER-HARD					
		8F1434	1	LOCKWASHER					

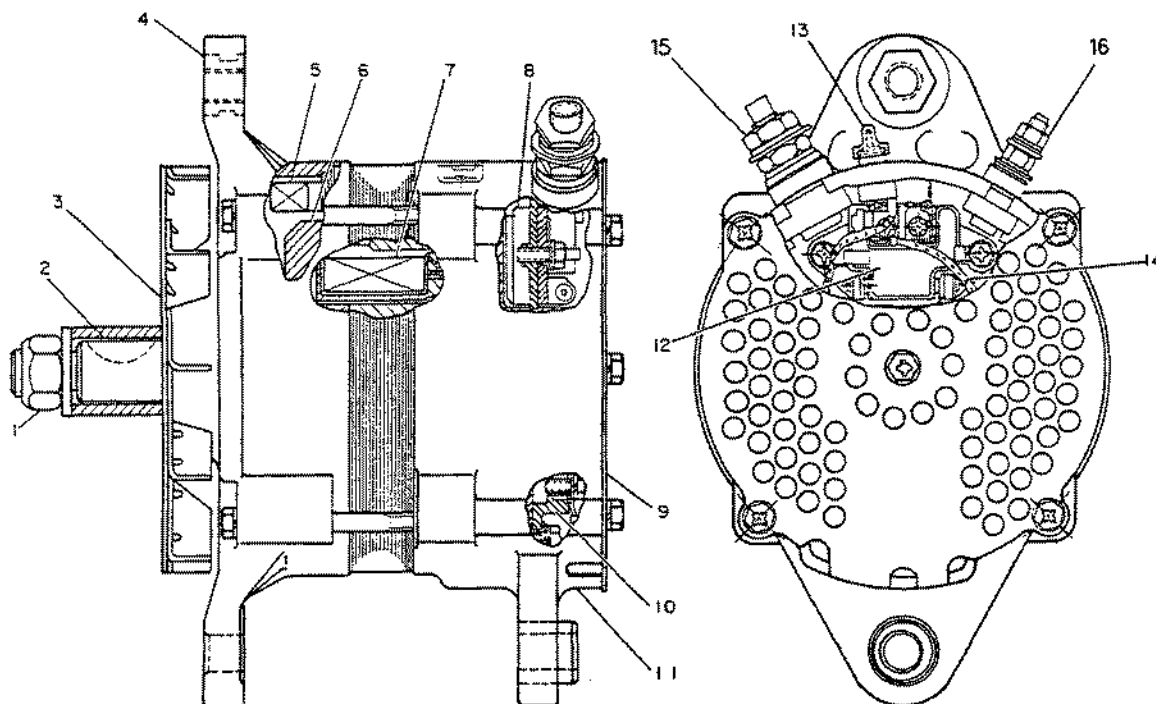
M-METRIC PART

R-518470 EP

1405

9G9538 ALTERNATOR GP-CHARGING-24 VOLT, 50 AMPERE
Part Of 5S9088 Alternator
An Attachment

ELECTRICAL SYSTEM



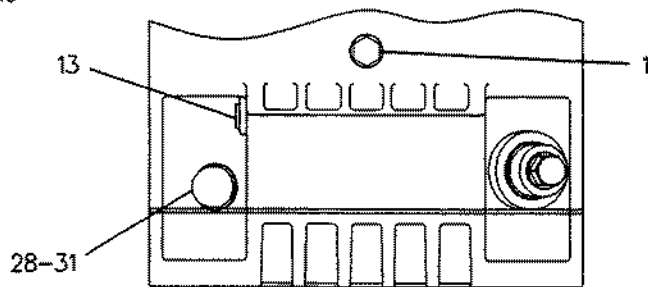
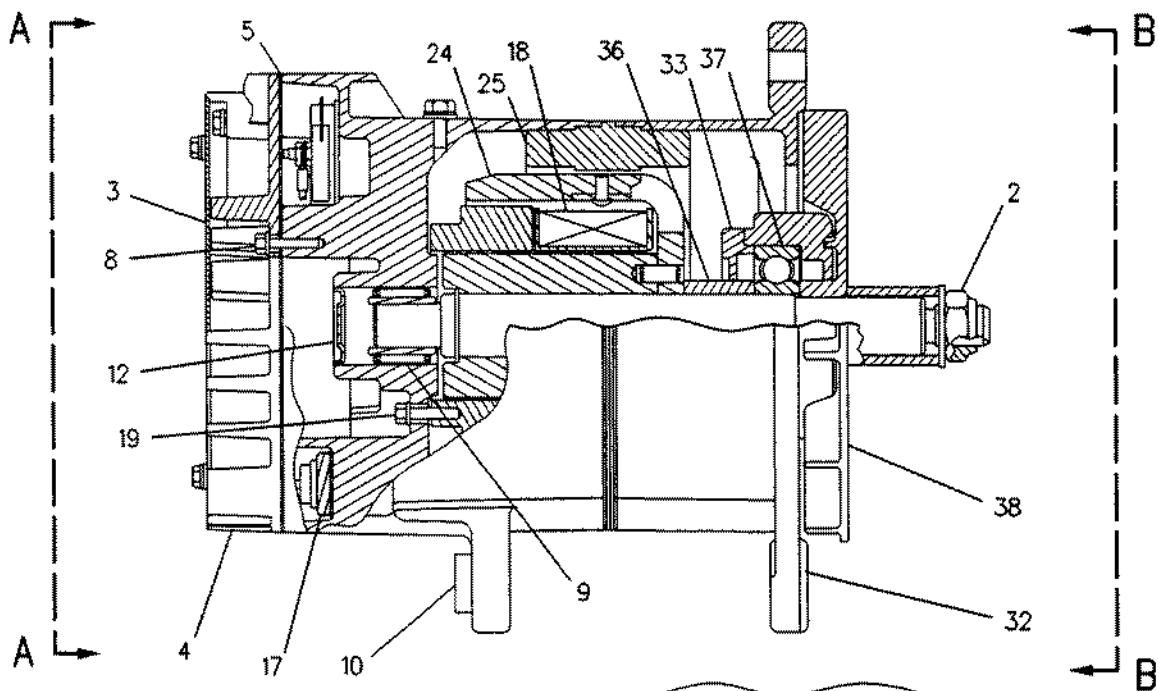
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	2K4821	1	LOCKNUT					THE FOLLOWING REPAIR KITS ARE AVAILABLE:
		5P8247	1	WASHER-HARD					
	2	1B8705	1	KEY-WOODRUFF			7T2800	1	KIT-TERMINAL (POS)
	3	7T2793	1	FAN AS					(INCL INSULATORS, NUTS, LOCKWASHERS & WASHERS)
	4	7T2792	1	FRAME AS			7T2804	1	KIT-TERMINAL (RELAY)
	5	7T6418	1	STATOR AS					(INCL WIRE AS, CAP, BOLT & INSULATOR)
	6	7T2790	1	ROTOR AS			7T2805	1	KIT-TERMINAL (NEG)
	7	7T6417	1	COIL AS					(INCL INSULATORS, NUTS, WASHERS & LOCKWASHERS)
	8	7T2798	1	REGULATOR AS					
	9	7T2797	1	COVER			7T2799	1	KIT-BEARING
	10	7T6416	1	HOLDER AS					(INCL BEARINGS)
	11	7T2795	1	FRAME AS			7T2803	1	KIT-HARDWARE
	12	7T2801	1	CONDENSER					(INCL SCREW AS AND BOLT AS)
	13	9L6770	1	CAP			7T2816	1	KIT-HARDWARE
	14	7T2802	1	WIRE AS					(INCL PLATE AS, PLATE, BOLT AS, WASHERS, SPACERS & RING)
	15	7X0447	1	NUT					
		2H3920	1	LOCKWASHER					
	16	6V8185	1	NUT					
		1H3244	1	LOCKWASHER					

R-494141 EP

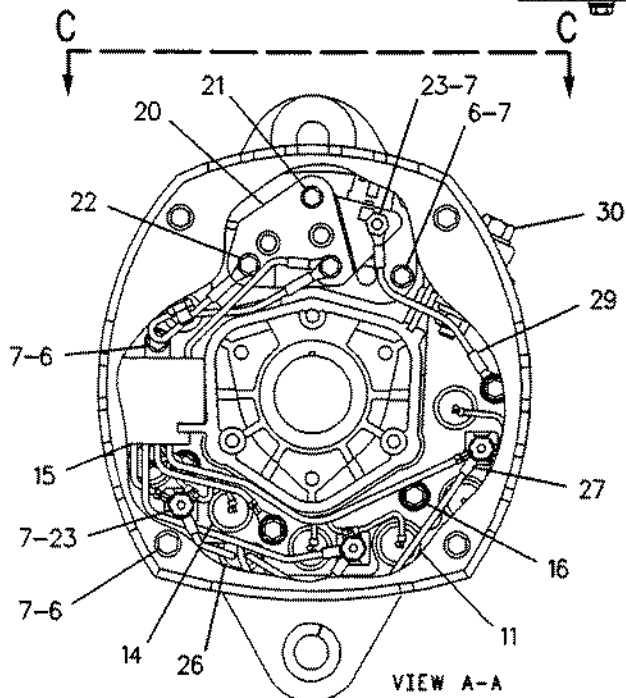
1405

6T7223 ALTERNATOR GP-CHARGING-24 VOLT, 50 AMPERE
Part Of 5S9088 Alternator
An Attachment

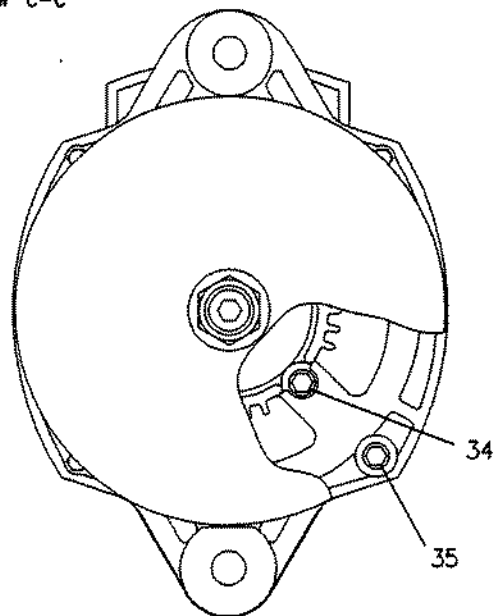
ELECTRICAL SYSTEM



VIEW C-C



VIEW A-A



VIEW B-B

F-579804 EP

1405

1125041 ALTERNATOR GP-CHARGING

24 Volt, 50 Ampere

Field Replacement For 1005047-Page 174

ELECTRICAL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9S2011	1	SCREW-MACHINE					
		1H3244	1	LOCKWASHER (1/4)					
	2	2K4821	1	LOCKNUT (5/8-18 THD)					
		7F7621	1	WASHER					
	3	9S2260	1	PLATE-COVER					
	4	9S2255	1	COVER					
	5	9S2262	1	GASKET					
	6	9S2544	6	SCREW-HEX HEAD					
	7	9B7233	10	LOCKWASHER (NO.8)					
	8	9S2437	5	SCREW-TAPPING					
		8F1434	5	LOCKWASHER (5MM ID)					
	9	5P3418	1	BEARING-ROLLER					
		5P3419	1	RACE-BEARING INNER					
	10	9S2396	1	BUSHING-TERMINAL					
	11	9S2393	3	DIODE-NEGATIVE					
	12	9N0943	1	PLUG-BEARING WELL					
	13	9F2247	1	PLUG					
	14	9S2292	1	HEAT SINK AS					
	15	1006656	1	DIODE AS-ALTERNATOR					
	16	9S9830	4	SCREW-FORMING					
		8C9660	4	WASHER					
		9S2300	4	INSULATOR					
	17	9S2301	1	INSULATION					
	18	9S2248	1	COIL & SUPPORT AS					
	19	9N3388	3	SCREW-SELF LOCKING					
	20	3T6354	1	REGULATOR AS					
		1006657	1	PLATE-ALTERNATOR					
	21	7N9023	1	SCREW AS					
	22	6N1872	2	SCREW AS					
	23	4B2043	4	NUT (8-32 THD)					
	24	9S2302	1	ROTOR AS					
	25	9S2004	1	STATOR AS					
	26	9S2005	1	GROMMET					
	27	2L8075	3	TERMINAL					
	28	9S2013	1	KIT-RELAY TERMINAL					
	29	1006658	1	WIRE AS-ALTERNATOR					
	30	9S2012	1	KIT-OUTPUT TERMINAL					
		9S2389	1	STUD AS					
	31	9L6770	1	CAP					
	32	2P5616	1	FRAME-DRIVE END					
	33	9S2390	1	RETAINER					
	34	9X2500	4	SCREW-HEX FLANGE					
	35	9S2009	4	SCREW-HEAD					
	36	1006532	1	COLLAR-ALTERNATOR					
	37	5P7807	1	BALL BEARING					
	38	1006531	1	FAN-ALTERNATOR					

579805 EP

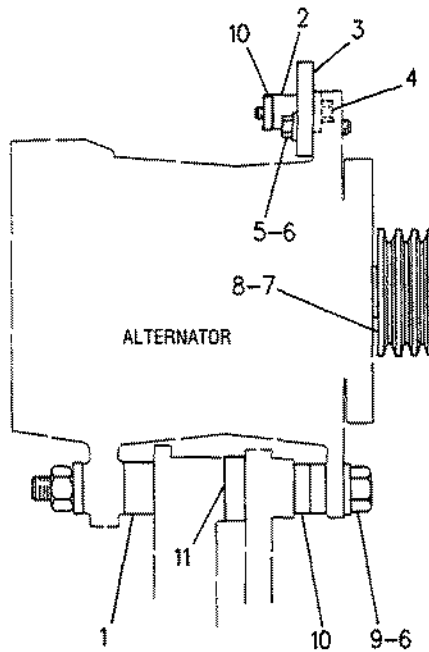
1405

1125041 ALTERNATOR GP-CHARGING

24 Volt, 50 Ampere

Field Replacement For 1005047-Page 174

ELECTRICAL SYSTEM



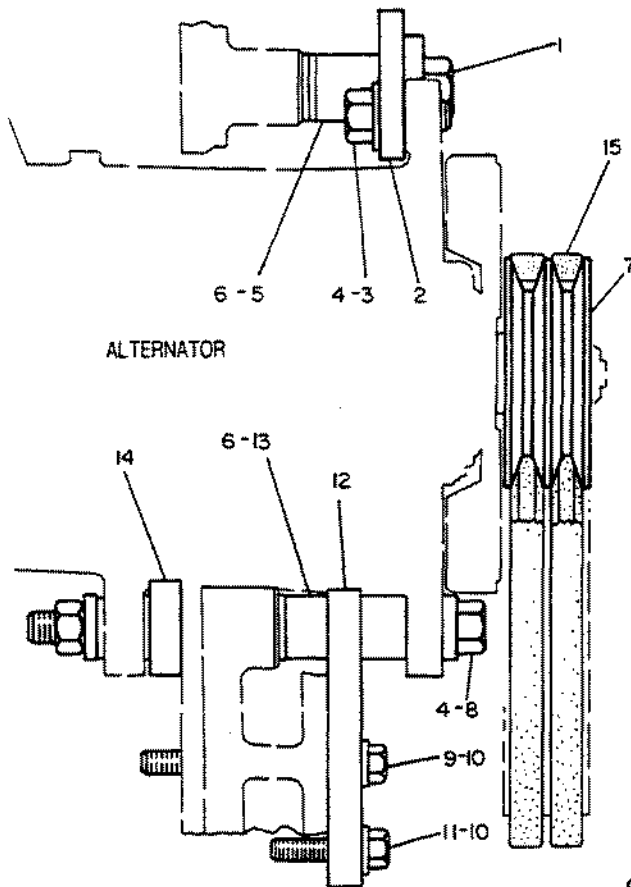
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1L1526	1	SPACER
	2	1K4649	1	SPACER
	3	8S4183	1	STRAP
	4	1A5822	1	BOLT
		4N3371	1	WASHER
	5	OS1595	1	BOLT
	6	2M0849	3	WASHER
	7	8L8867	1	PULLEY
	8	6H0199	1	WASHER
	9	2A1531	1	BOLT
		1D4719	1	NUT
	10	1F7960	3	WASHER
	11	1B4264	1	COLLAR

R-573166 EP

1405

5N5327 MOUNTING GP-ALTERNATOR
For Use With Front Support & Fan Drive
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	1A5822	1	BOLT
		4N3371	1	WASHER
	2	8S4182	1	STRAP
	3	7B3235	1	BOLT
	4	5P8245	3	WASHER
	5	1K4649	1	SPACER
	6	3H449	2	LOCK
		4B4280	3	WASHER
	7	8M8331	1	PULLEY
	8	2A1531	1	BOLT
		1D4719	1	NUT
	9	L1352	1	BOLT
	10	5M2894	2	WASHER
	11	S1591	1	BOLT
	12	7N1425	1	BRACKET ASSEM.
	13	1M1993	1	SPACER
	14	1L1526	1	SPACER
C	15	2W237	1	BELT SET (2 BELTS)

C INDICATES CHANGE

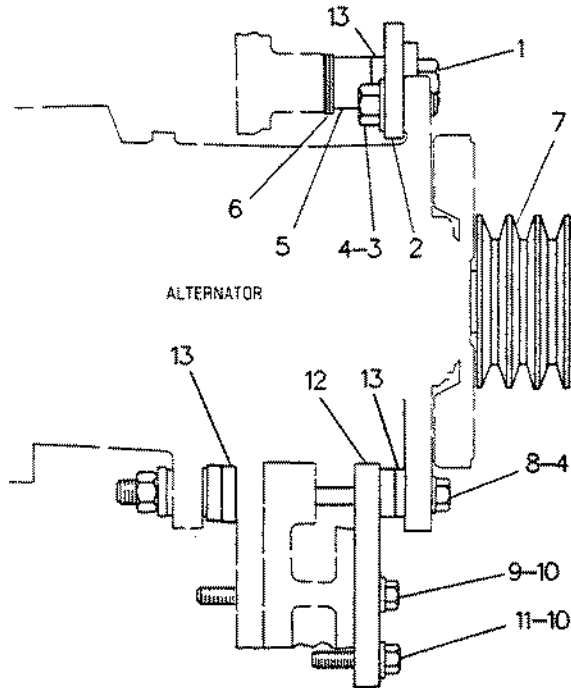
305796

305796 EP

1405

8N6018 MOUNTING GP-ALTERNATOR
For Use Without Fan Drive
An Attachment

ELECTRICAL SYSTEM



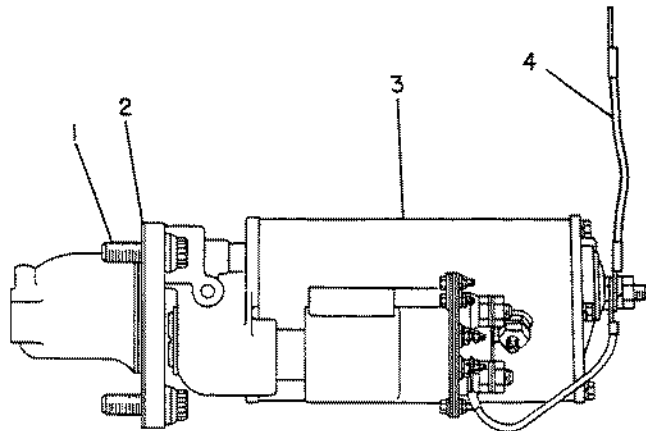
NOTE	REF NO	PART NUMBER	QTY	PART NAME
C C C	1	1A5822	1	BOLT
		4N3371	1	WASHER
	2	8S4182	1	STRAP-BELT ADJUSTMENT
	3	7B3235	1	BOLT
	4	5P8245	3	WASHER
	5	1K4649	1	SPACER
	6	3H0449	1	LOCK-NUT
		4B4280	2	WASHER
	7	8L8867	1	PULLEY
	8	2A1531	1	BOLT
		1D4719	1	NUT
	9	OL1352	1	BOLT
	10	5M2894	2	WASHER
	11	OS1591	1	BOLT
	12	7N1425	1	BRACKET AS-ALTERNATOR
	13	2M0849	3	WASHER

C-CHANGE FROM PREVIOUS TYPE

R-529103 EP

1405

8N6019 MOUNTING GP-ALTERNATOR For Use With Fan Drive An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
CRY	1	8S2332	3	BOLT-12 POINT HEAD
	2	4N1059	1	GASKET
	3	3T2652	1	STARTING MOTOR GP-ELECTRIC
	4	9F4337	1	WIRE AS

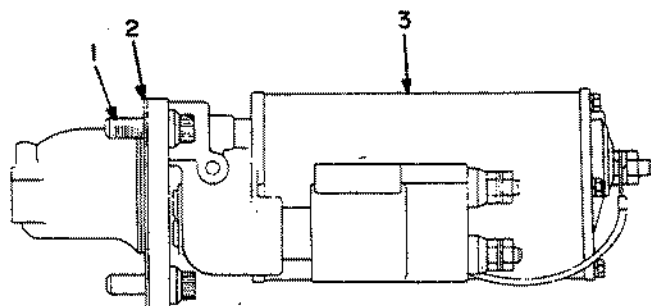
C-CHANGE FROM PREVIOUS TYPE
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

R-575282 EP

1453

9L5065 STARTING MOTOR GP-ELECTRIC-24 VOLT 3T2652-Page 188 An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	8S2332	3	BOLT-12 POINT HEAD
	2	4H7869	1	GASKET
Y	3	9L3597	1	STARTING MOTOR GP-ELECTRIC
CYF		3L6655	1	WIRING GP

C-CHANGE FROM PREVIOUS TYPE
F-NOT SHOWN
Y-SEPARATE ILLUSTRATION

B-160209 EP

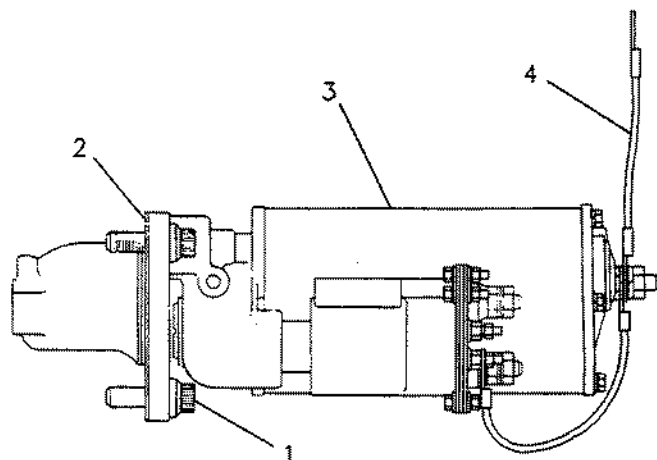
1453

9L5066 STARTING MOTOR GP-ELECTRIC-12 VOLT

Type 1

9L3597-Page 186, 3L6655-Page 212

For Use With Tachometer Drive. An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
YC	1	8S2332	3	BOLT-12 POINT HEAD
	2	4N1059	1	GASKET
	3	3T2655	1	STARTING MOTOR GP-ELECTRIC
	4	9F4337	1	WIRE AS

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

R-577823 EP

1453

9L5066 STARTING MOTOR GP-ELECTRIC

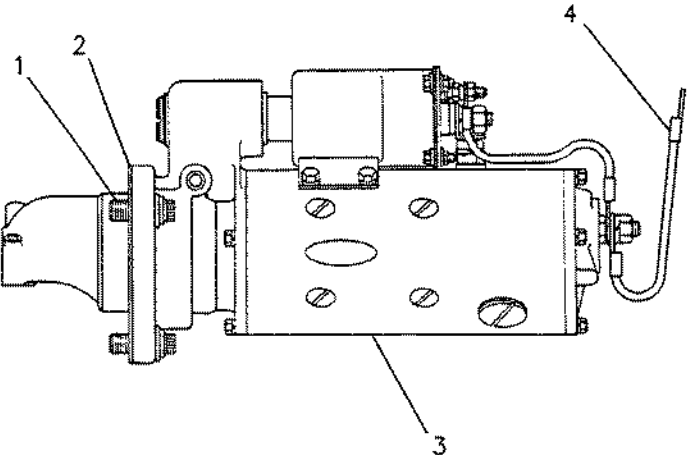
Type 2

3T2655-Page 199

For Use With Tachometer Drive. An Attachment

ELECTRICAL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME
YRC	1	8S2332	3	BOLT-12 POINT HEAD
	2	4H7869	1	GASKET
	3	9W0058	1	STARTING MOTOR GP-ELECTRIC
	4	9F4337	1	WIRE AS



C-CHANGE FROM PREVIOUS TYPE
R-REMG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

R-544898 EP

1453

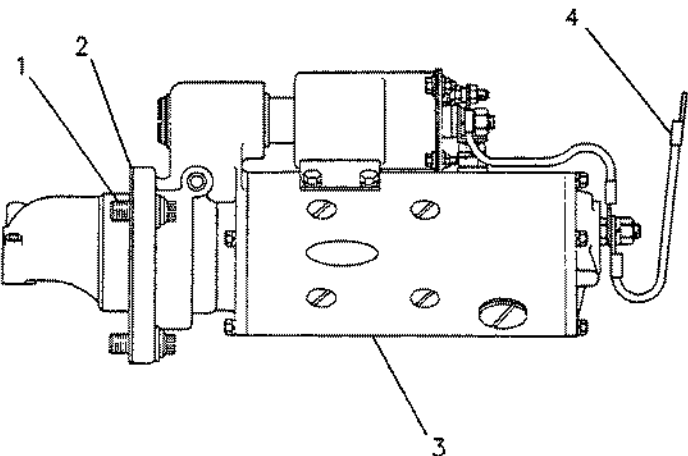
7N6504 STARTING MOTOR GP-ELECTRIC-12 VOLT

Type 1. 9W0058-Page 190

Not For Use With Tachometer Drive

An Attachment

NOTE	REF NO	PART NUMBER	QTY	PART NAME
YC B	1	8S2332	3	BOLT-12 POINT HEAD
	2	4H7869	1	GASKET
	3	3E7864	1	STARTING MOTOR GP-ELECTRIC
	4	9F4337	1	WIRE AS



B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

R-555680 EP

1453

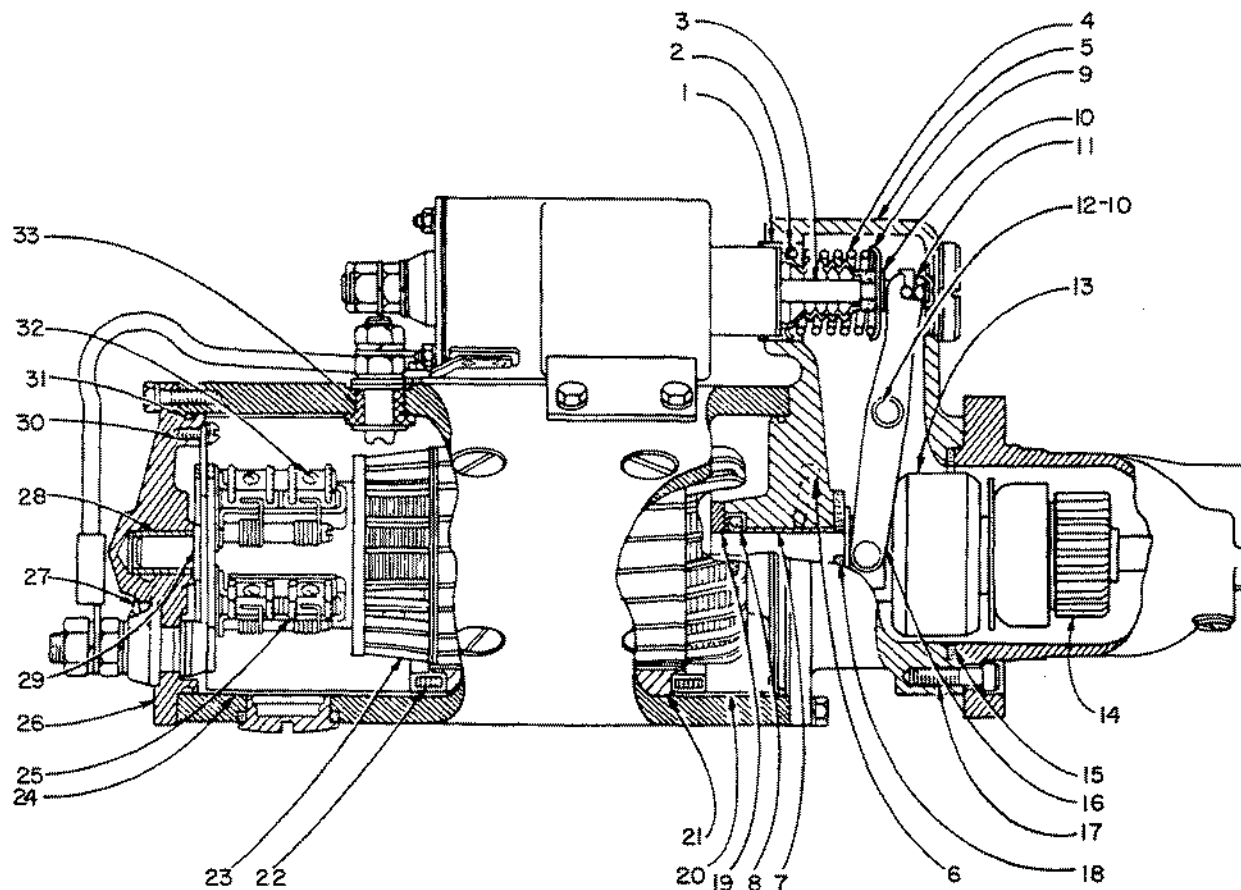
7N6504 STARTING MOTOR GP-ELECTRIC

12 Volt. Type 2

3E7864-Page 202.02

Not For Use With Tacometer Drive. An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4M1829	1	BOOT-RUBBER		20	7F4806	2	STRIP-INSULATION
	2	4M0188	1	WASHER		21	8H1141	4	SHOE-POLE
		4M1828	1	RETAINER-SPRING		22	5L8731	1	COIL AS
	3	9M7606	1	PLUNGER AS		23	7L6587	1	ARMATURE AS
	4	9M7609	1	SPRING		24	2N3145	1	INSULATOR-COIL
	5	4S7899	1	HOUSING AS-LEVER		25	5L8732	8	BRUSH AS-MOTOR
	6	2B4602	1	PLUG-PIPE		26	4M1844	1	FRAME AS-END
		9F2547	1	WICK			7S9826	1	PLUG-EXPANSION
	7	1M9968	1	BUSHING-BEARING		27	2B4602	1	PLUG-PIPE
	8	2F6678	1	SEAL-LIP TYPE			9F2547	1	WICK
	9	4M1827	1	RETAINER-SPRING		28	3S2398	1	BUSHING-END
	10	9M7611	2	RING-RETAINING		29	2L8166	1	WASHER
	11	3F2617	1	NUT-SELF LOCKING		30	4B1220	3	SCREW-MACHINE
	12	4M1854	1	SHAFT-LEVER			8H0878	3	LOCKWASHER
		1H1023	1	SEAL-O-RING (9.38MM ID)			7F3529	3	WASHER-PLAIN
		2D6392	1	SEAL-O-RING (6.07MM ID)		31	4M0189	2	SEAL-O-RING
AC	13	6N3827	1	DRIVE AS-MOTOR		32	2F2860	8	SCREW-MACHINE
				-OR-		33	3L3380	1	BUSHING-TERMINAL
CJ		2P4708	1	DRIVE AS-MOTOR					THE FOLLOWING REPAIR
	14	9S9771	1	PINION-DRIVE					KITS ARE AVAILABLE:
	15	4M1851	1	GASKET	CJ		7N6098	1	KIT-SPRING CUP
	16	4M1853	1	LEVER AS-SHIFT					(INCLUDES SPRINGS
	17	4M1833	1	SCREW (1.50IN)					& RETAINER)
		7M0336	1	SCREW (.86IN)	J		4S9459	1	KIT-WASHER
	18	4L2729	1	WASHER					(INCLUDES WASHERS
	19	1M9971	1	SPACER					& RETAINER)

A-NOT PART OF THIS GROUP
C-CHANGE FROM PREVIOUS TYPE

B-479739 EP

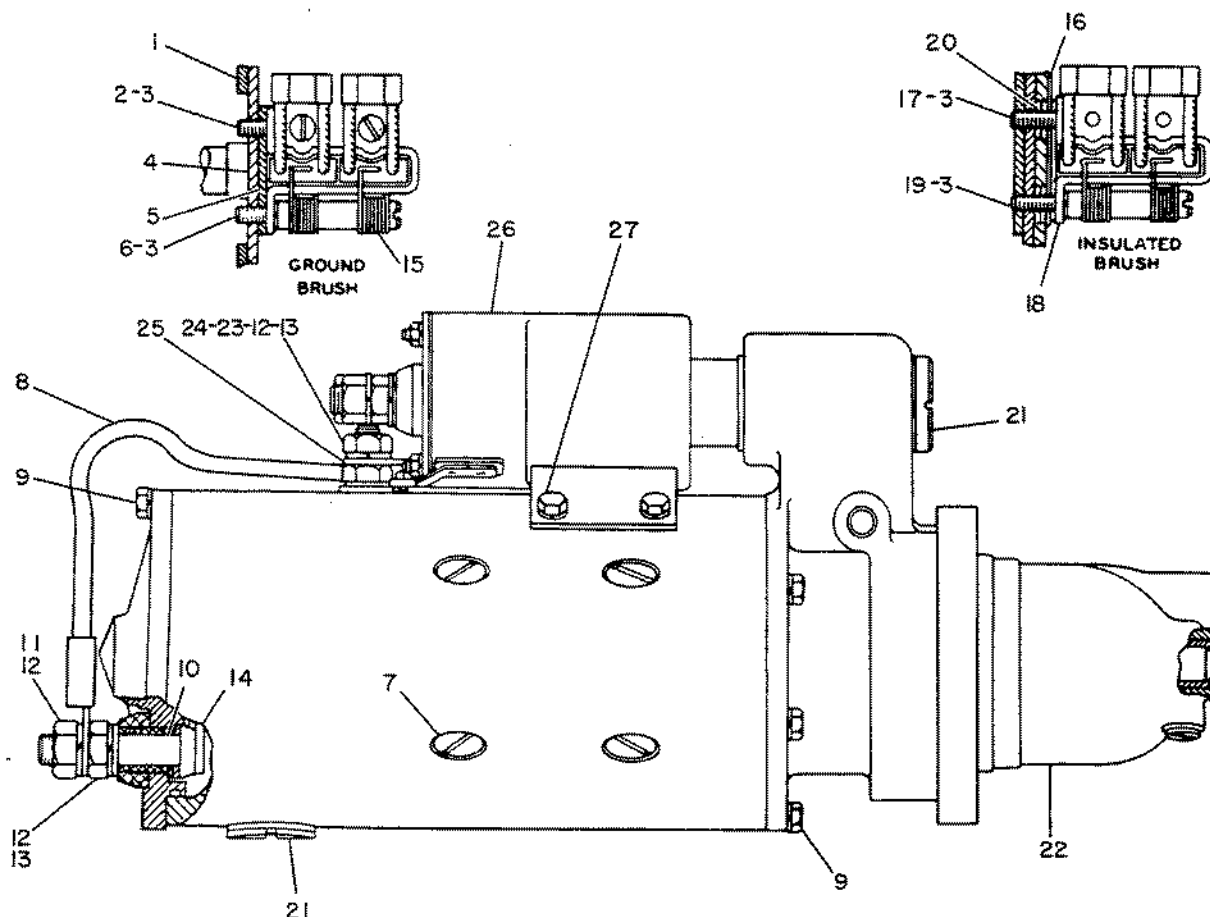
1453

9L3597 STARTING MOTOR GP-ELECTRIC-12 VOLT-PART 1 OF 2

Part Of 9L5066 Starting Motor

An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	7F4545	1	PLATE-BRUSH	Y	22	3T3419	1	HOUSING AS-DRIVE
	2	5H6467	2	SCREW-MACHINE			4M1896	1	BUSHING-TERMINAL
	3	7H2079	8	LOCKWASHER			3T3424	1	PLUG-FELT
		7F3525	8	WASHER-BUSHING			3T3423	1	CUP
	4	9M7652	1	PLATE AS-BRUSH		23	7F3494	2	WASHER-STUD
	5	7F4549	2	PLATE-HOLDER		24	9H3757	2	WASHER
	6	3H3697	2	SCREW		25	4M1841	1	CONNECTOR
	7	3FO379	8	SCREW-POLE SHOE		26	7L6586	1	SOLENOID AS
	8	4M1849	1	LEAD AS		27	6H3622	4	SCREW-MACHINE
	9	7F4556	9	BOLT					
		8H3481	9	LOCKWASHER					THE FOLLOWING REPAIR KIT IS AVAILABLE:
	10	7F3491	2	WASHER					1 KIT-TERMINAL
	11	1D4719	1	NUT					(INCL. INSULATOR, BUSHINGS & WASHERS)
	12	9F4976	13	LOCKWASHER					
	13	3H3680	3	NUT-JAM					
	14	4M1846	1	PLATE AS-BRUSH					
	15	7F3512	8	SPRING-BRUSH					
	16	7F4550	1	PLATE-HOLDER					
	17	4B1311	2	SCREW-MACHINE					
	18	7F4546	4	HOLDER-BRUSH					
	19	7F3522	2	SCREW-HOLDER					
	20	2L6679	2	PLATE-INSULATOR					
	21	4M1831	3	PLUG-LEVER HOUSING					
		7L2894	3	GASKET					

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

B-508591 EP

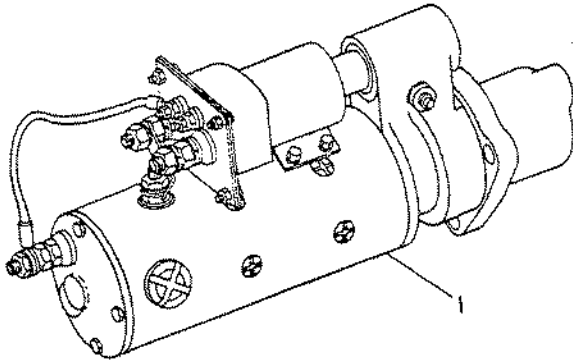
1453

9L3597 STARTING MOTOR GP-ELECTRIC-12 VOLT-PART 2 OF 2

7L6586-Page 203

Part Of 9L5066 Starting Motor
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	7T0798	1	STARTING MOTOR GP-ELECTRIC -OR-
CY		8C3647	1	STARTING MOTOR GP-ELECTRIC
C-CHANGE FROM PREVIOUS TYPE Y-SEPARATE ILLUSTRATION				

B-567922 EP

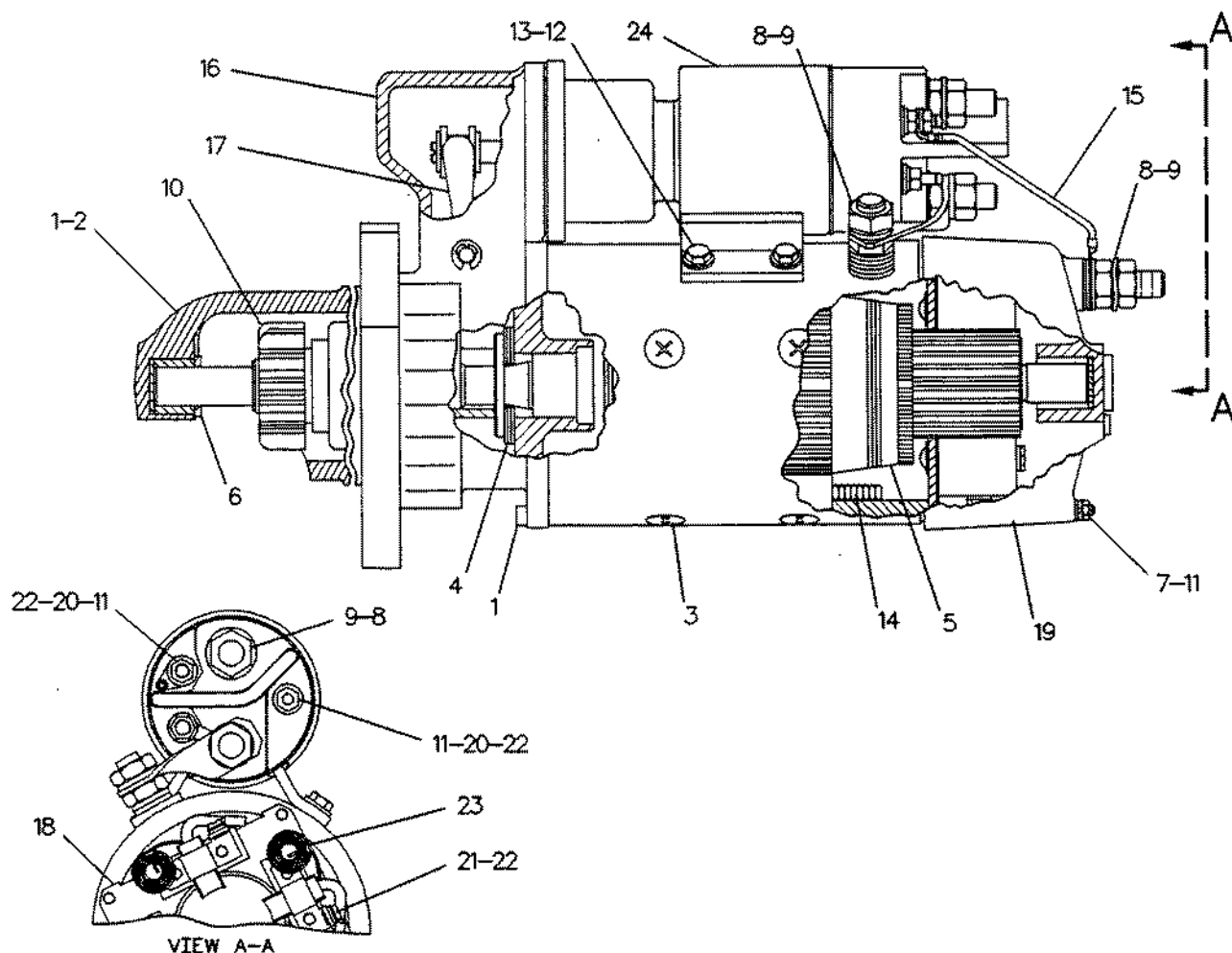
1453

3T2652 STARTING MOTOR GP-ELECTRIC-24 VOLT*R

7T0798-Page 189, 8C3647-Page 192

Part Of 9L5065 Starting Motor. An Attachment
Field Replacement Order 6V5227-Page 194.01

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	3T0849	12	BOLT-SOCKET HEAD		24	9X0332	1	KIT-SOLENOID
	2	3T7022	1	HOUSING AS-DRIVE					
M	3	3T0850	8	SCREW					
	4	3T7021	1	PLATE-BRAKE					
	5	3T0867	1	ARMATURE AS			3T0844	1	KIT-BRUSH (INCL BRUSHES)
	6	3T7020	1	WASHER			3T2768	1	KIT-SEAL
	7	3T0847	4	SCREW					
	8	7X0562	4	WASHER-HARD			3T2769	1	KIT-HARDWARE
M	9	8T4244	4	NUT					
	10	4N4517	1	DRIVE AS-MOTOR					
M	11	5C2874	6	NUT					
M	12	8T4970	4	BOLT			3T7017	1	KIT-BEARING
	13	8T4205	4	WASHER-HARD					
	14	3T0865	1	COIL AS-FIELD					
	15	3T4716	1	WIRE AS			7T2339	1	KIT-LEVER
	16	3T0864	1	HOUSING AS-LEVER					
	17	3T0863	1	LEVER-SHIFT					
	18	3T0862	1	PLATE AS-BRUSH					
	19	3T7025	1	COVER-END					
	20	8F1434	2	LOCKWASHER					
M	21	6V9673	4	SCREW-MACHINE					
	22	8T0328	6	WASHER-HARD					
	23	3T0858	4	SPRING-BRUSH					

M-METRIC PART

F-567652 EP

1453

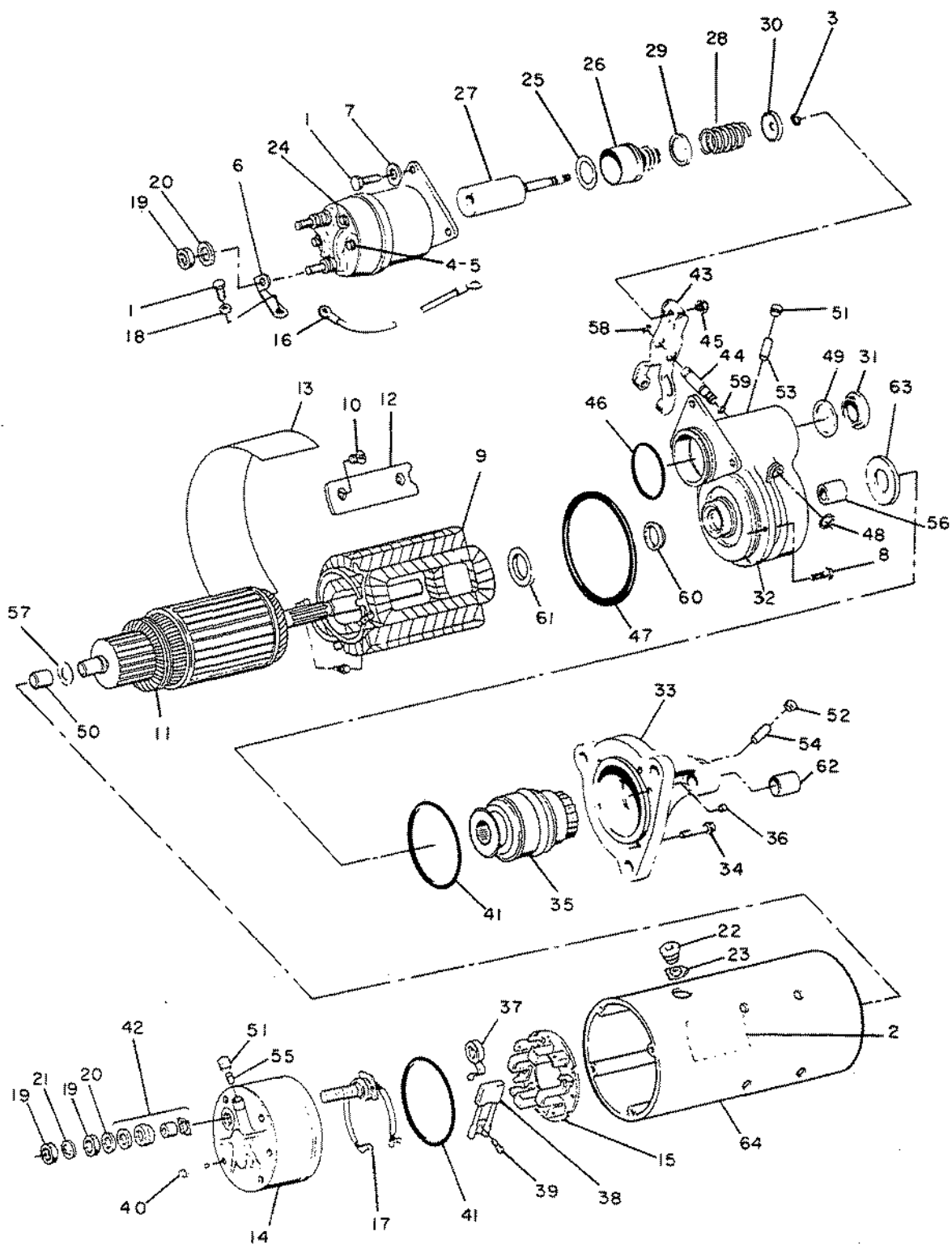
7T0798 STARTING MOTOR GP-ELECTRIC-24 VOLT

Part Of 3T2652 Starting Motor

Field Replacement Order 4N3181-Page 194 Or 6V5227-Page 194.01

An Attachment

ELECTRICAL SYSTEM



B-403131 EP

1453

9W0058 STARTING MOTOR GP-ELECTRIC-12 VOLT
 Part Of 7N6504 Starting Motor
 An Attachment

ELECTRICAL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5S7349	4	BOLT					
	2	8C4171	1	NAMEPLATE (IDENTIFICATION)					THE FOLLOWING REPAIR KITS ARE AVAILABLE:
	3	2H3429	1	RING-RETAINING			8T9885	1	KIT-BRUSH (INCL PARTS MARKED J)
	4	6V8378	1	NUT			7T3267	1	KIT-BUSHING (INCL PARTS MARKED P)
	5	8F1434	1	LOCKWASHER			7T3268	1	KIT-LEVER (INCL PARTS MARKED N)
	6	7T3271	1	CONNECTOR			8T9884	1	KIT-INSULATOR (INCL PARTS MARKED L)
	7	4B4274	3	WASHER					
	8	369823	5	BOLT					
	9	8T8568	1	COIL AS-FIELD					
	10	3F0379	8	SCREW-POLE SHOE					
	11	7T3275	1	ARMATURE AS					
	12	8H1141	4	SHOE-POLE					
	13	7T3454	1	INSULATOR					
	14	7T3279	1	HOUSING AS					
	15	8T8570	1	HOLDER AS-BRUSH					
	16	3T3422	1	WIRE AS					
	17	8T8566	1	TERMINAL AS					
	18	7F4920	1	WASHER-PLAIN					
	19	3H3680	3	NUT-JAM					
	20	4B4280	3	WASHER					
	21	9B0453	1	LOCKWASHER					
	22	7T3451	1	INSULATOR-TERMINAL					
	23	8T8569	1	INSULATOR-TERMINAL					
	24	8T8818	1	SOLENOID AS					
	25	369821	1	WASHER					
	26	7T3269	1	BOOT					
	27	7T3270	1	PLUNGER AS					
	28	9M7609	1	SPRING					
	29	4M1828	1	RETAINER-SPRING					
	30	4M1827	1	RETAINER-SPRING					
	31	4M1831	1	PLUG-LEVER HOUSING					
	32	7T3274	1	HOUSING AS-LEVER					
	33	7T3974	1	HOUSING AS-DRIVE					
	34	7M0336	6	SCREW					
	35	6N3827	1	DRIVE AS-MOTOR					
	36	3T3434	6	PLUG					
JZ	37		4	SPRING					
JZ	38		4	BRUSH					
JZ	39		4	SCREW					
JPZ	40		6	SCREW AS					
JPZ	41		1	SEAL(O-RING)					
LZ	42		3	INSULATOR					
LZ			1	BUSHING					
NZ	43		1	LEVER AS					
NZ	44		1	LEVER AS					
NPZ	45		1	NUT					
NPZ	46		1	SEAL(O-RING)					
PZ	47		1	SEAL(O-RING)					
NZ	48		1	RETAINER					
NPZ	49		1	GASKET					
PZ	50		1	BUSHING					
PZ	51		2	CUP(PLUG)					
PZ	52		1	CUP(PLUG)					
PZ	53		1	PLUG					
PZ	54		1	PLUG					
PZ	55		1	PLUG					
PZ	56		1	BUSHING					
PZ	57		1	WASHER					
NZ	58		1	SEAL(O-RING)					
NZ	59		1	SEAL(O-RING)					
PZ	60		1	RETAINER(SEAL)					
PZ	61		1	SPACER					
PZ	62		1	BUSHING					
PZ	63		1	GASKET(WASHER)					
Z	64		1	HOUSING					

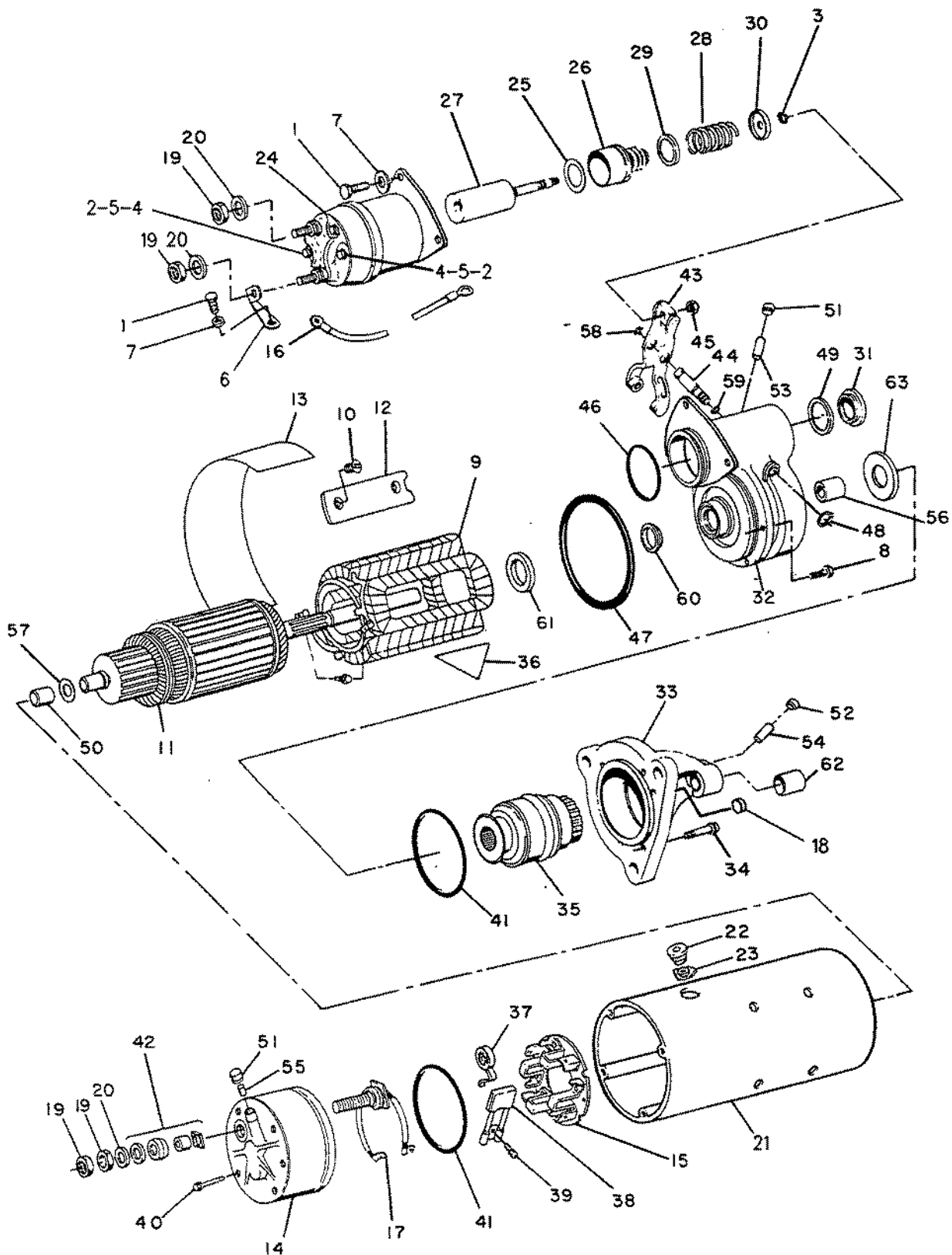
Z-NOT SERVICED SEPARATELY

A-403472 EP

1453

9W0058 STARTING MOTOR GP-ELECTRIC-12 VOLT
Part Of 7N6504 Starting Motor
An Attachment

ELECTRICAL SYSTEM



R-575149 EP

1453

8C3647 STARTING MOTOR GP-ELECTRIC-24 VOLT
 Part Of 3T2652 Starting Motor
 An Attachment

ELECTRICAL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
		1 557349	4	BOLT					THE FOLLOWING REPAIR KITS ARE AVAILABLE: KIT-BRUSH (INCL PARTS MARKED J) KIT-BUSHING (INCL PARTS MARKED P) KIT-LEVER (INCL PARTS MARKED N) KIT-INSULATOR (INCL PARTS MARKED L)
		2 8T0328	2	WASHER-HARD			8C3655	1	
		3 2H3429	1	RING-RETAINING					
		4 4B2049	2	NUT			7T3267	1	
		5 8F1434	2	LOCKWASHER					
		6 7T3271	1	CONNECTOR			7T3268	1	
		7 8T4205	4	WASHER-HARD					
		8 369823	5	BOLT			8T9884	1	
		9 7T3277	1	COIL AS-FIELD					
		10 3F0379	8	SCREW-POLE SHOE					
		11 7T3276	1	ARMATURE AS					
		12 8H1141	4	SHOE-POLE					
		13 7T3454	1	INSULATOR					
		14 7T3279	1	HOUSING AS					
		15 7T3278	1	HOLDER AS-BRUSH					
		16 3T3422	1	WIRE AS					
		17 8T8566	1	TERMINAL AS					
		18 3T3434	6	PLUG					
		19 6V8188	4	NUT					
		20 7X0562	4	WASHER-HARD					
Z		21	1	HOUSING					
		22 7T3451	1	INSULATOR-TERMINAL					
		23 8T8569	1	INSULATOR-TERMINAL					
		24 9X9511	1	SOLENOID AS					
		25 369821	1	WASHER					
		26 7T3269	1	BOOT					
		27 7T3270	1	PLUNGER AS					
		28 9M7609	1	SPRING					
		29 4M1828	1	RETAINER-SPRING					
		30 4M1827	1	RETAINER-SPRING					
		31 4M1831	1	PLUG-LEVER HOUSING					
		32 3E7775	1	HOUSING AS					
		33 7T3974	1	HOUSING AS-DRIVE					
		34 7X3373	6	BOLT					
		35 6N3827	1	DRIVE AS-MOTOR					
		36 1H2629	2	STRIP-INSULATION					
JZ		37	4	SPRING					
JZ		38	4	BRUSH					
JZ		39	4	SCREW					
JPZ		40	6	SCREW AS					
JPZ		41	1	SEAL(O-RING)					
LZ		42	3	INSULATOR					
LZ			1	BUSHING					
NZ		43	1	LEVER AS					
NZ		44	1	LEVER AS					
NPZ		45	1	NUT					
NPZ		46	1	SEAL(O-RING)					
PZ		47	1	SEAL(O-RING)					
NZ		48	1	RETAINER					
NP		49 7L2894	1	GASKET					
PZ		50	1	BUSHING					
PZ		51	2	CUP(PLUG)					
PZ		52	1	CUP(PLUG)					
PZ		53	1	PLUG					
PZ		54	1	PLUG					
PZ		55	1	PLUG					
PZ		56	1	BUSHING					
PZ		57	1	WASHER					
NZ		58	1	SEAL(O-RING)					
NZ		59	1	SEAL(O-RING)					
PZ		60	1	RETAINER(SEAL)					
PZ		61	1	SPACER					
PZ		62	1	BUSHING					
PZ		63	1	GASKET(WASHER)					

Z-NOT SERVICED SEPARATELY

575150 EP

1453

8C3647 STARTING MOTOR GP-ELECTRIC-24 VOLT
Part Of 3T2652 Starting Motor
An Attachment