

ELECTRICAL SYSTEM

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505966 P

1453

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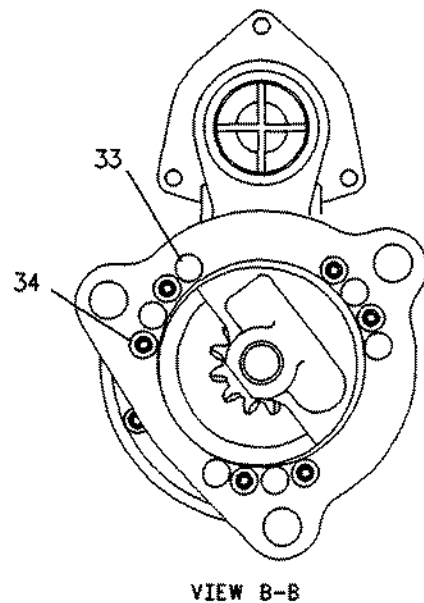
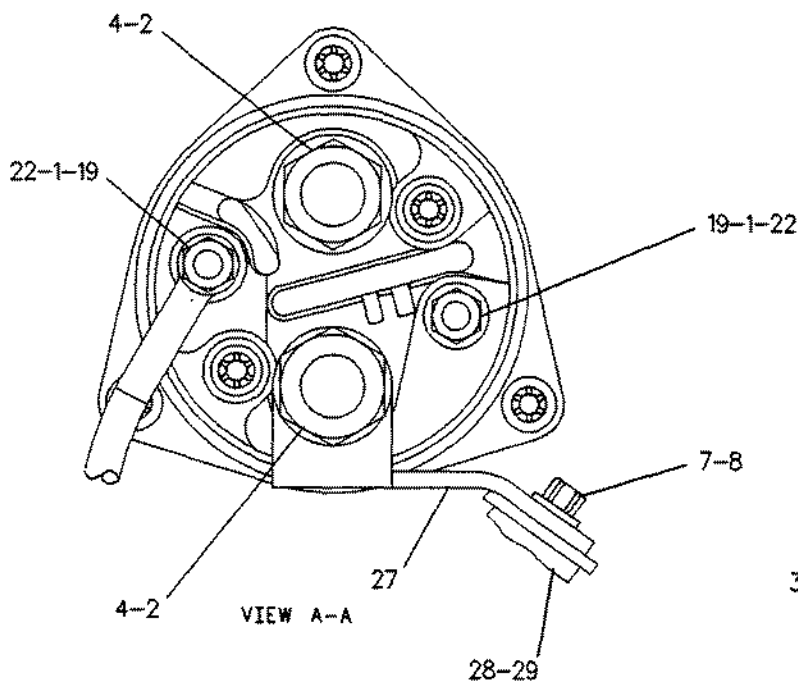
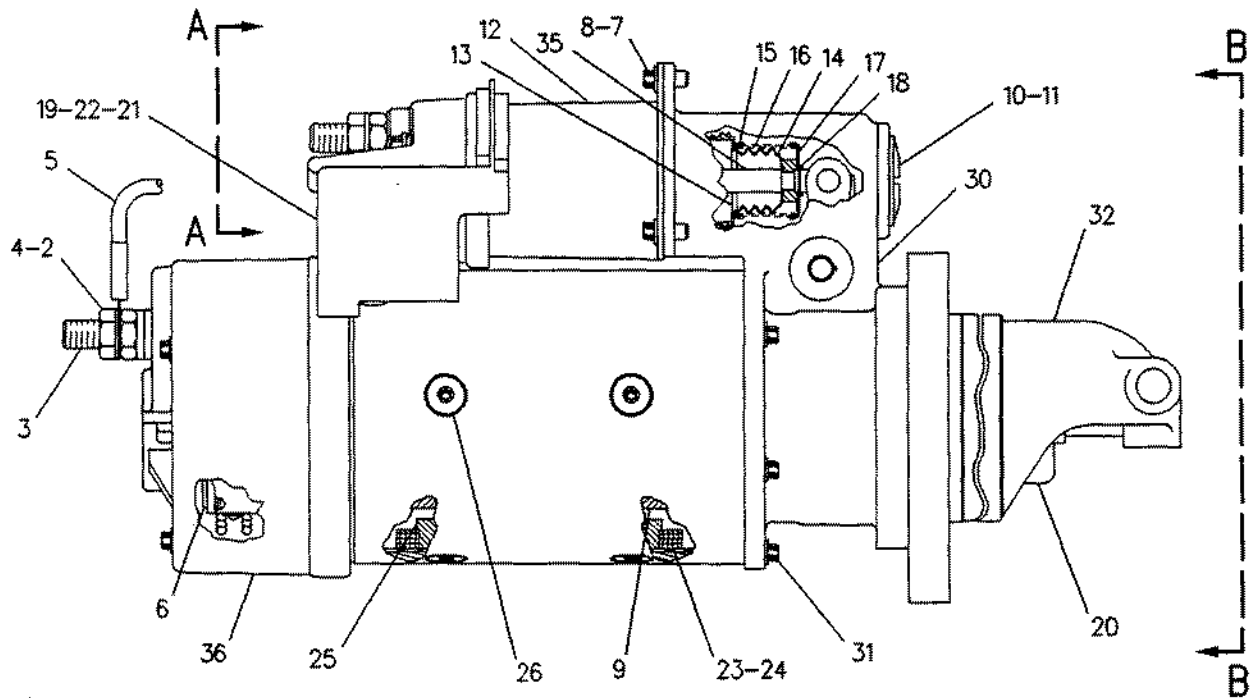
1453

6V5227 STARTING MOTOR GP-ELECTRIC+R

24 Volt

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ELECTRICAL SYSTEM



F-561855 EP

1453

6V5537 MOTOR GP-ELECTRIC
24 Volt

Part Of 6V5227 Starting Motor-Electric

ELECTRICAL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8F1434	2	LOCKWASHER					
	2	6V8188	4	NUT					
	3	8T8566	1	TERMINAL AS					
	4	7X0562	4	WASHER-HARD					
	5	3T3422	1	WIRE AS					
		2L8066	1	TERMINAL					
		2L8071	1	TERMINAL					
	6	7T3278	1	HOLDER AS-BRUSH					
	7	5S7349	4	BOLT					
	8	8T4205	4	WASHER-HARD					
	9	7T3276	2	ARMATURE AS					
	10	4M1831	1	PLUG-LEVER HOUSING					
	11	7L2894	1	GASKET					
	12	9X9511	1	SOLENOID AS					
	13	369821	1	WASHER					
	14	7T3269	1	BOOT					
	15	4M1828	1	RETAINER-SPRING					
	16	9M7609	1	SPRING					
	17	4M1827	1	RETAINER-SPRING					
	18	2H3429	1	RING-RETAINING					
	19	4B2049	3	NUT					
	20	6N3827	1	DRIVE AS-MOTOR					
	21	9X4824	1	COVER-STARTER					
	22	8T0328	3	WASHER-HARD					
	23	7T3277	1	COIL AS-FIELD					
	24	7T3454	1	INSULATOR					
	25	8H1141	4	SHOE-POLE					
	26	3F0379	8	SCREW-POLE SHOE					
	27	7T3271	1	CONNECTOR					
	28	8T8569	1	INSULATOR-TERMINAL					
	29	7T3451	1	INSULATOR-TERMINAL					
	30	3E7775	1	HOUSING AS					
	31	369823	5	BOLT					
	32	7T3974	1	HOUSING AS-DRIVE					
	33	3T3434	6	PLUG					
	34	7X3373	6	BOLT					
	35	7T3270	1	PLUNGER AS					
	36	7T3279	1	HOUSING AS					
				THE FOLLOWING REPAIR KITS ARE AVAILABLE:					
		8C3655	1	KIT-BRUSH (INCLUDES SPRINGS, BRUSH ASSEMBLIES, & SCREWS)					
		7T3267	1	KIT-BUSHING					
		7T3268	1	KIT-LEVER (INCLUDES RETAINER, LEVER ASSEMBLIES, NUT & SEALS)					
		8T9884	1	KIT-INSULATOR (INCLUDES BUSHING & INSULATORS)					

561856 EP

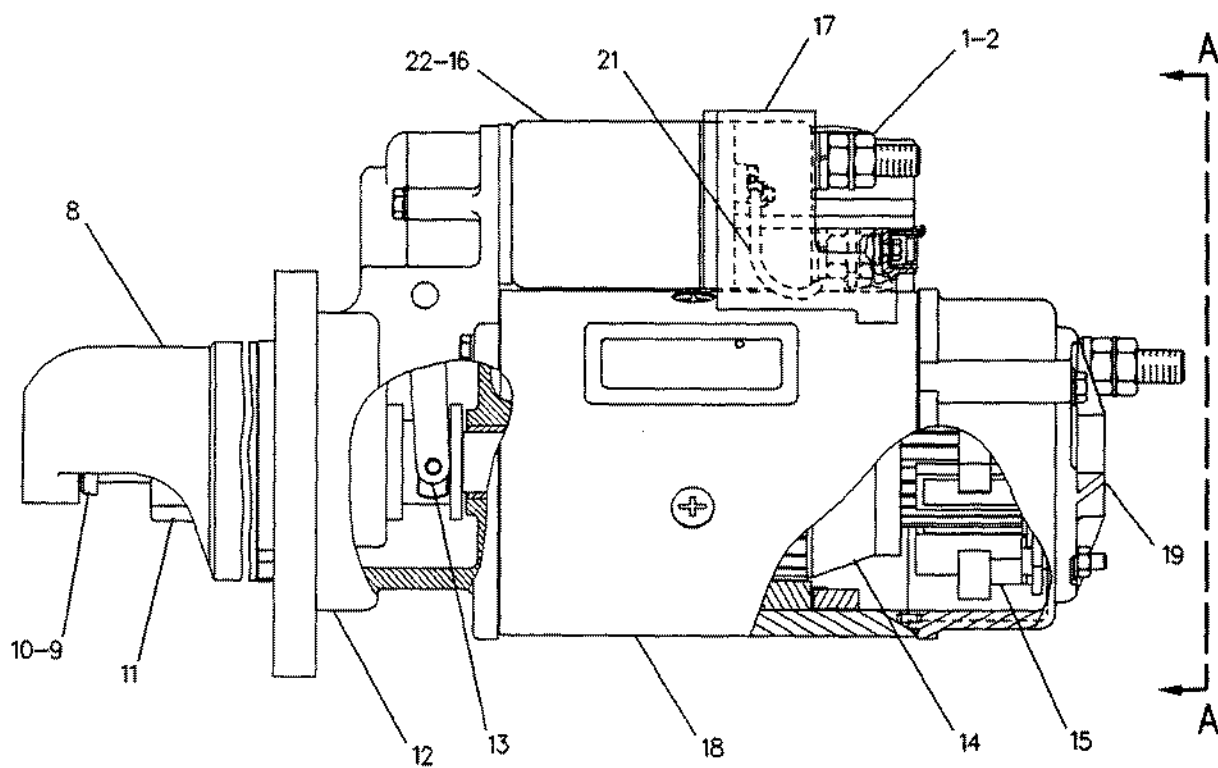
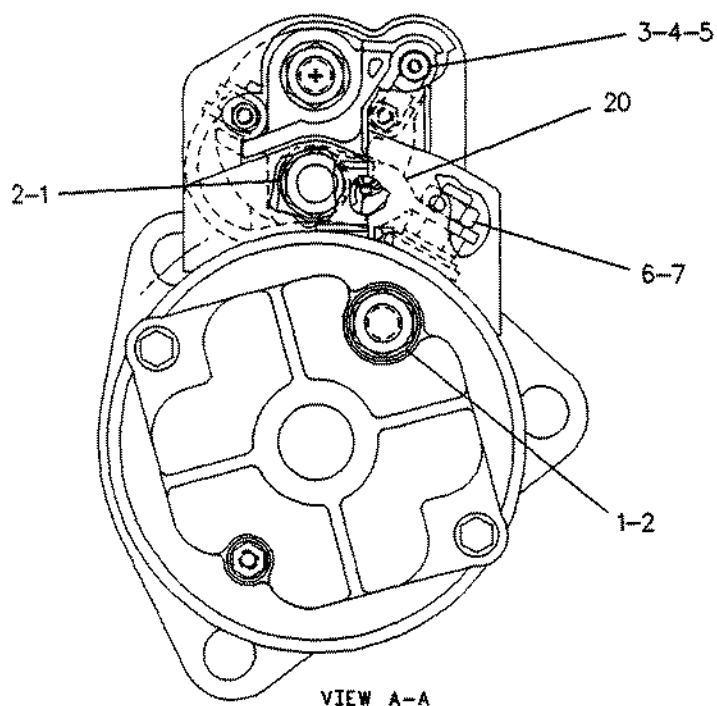
1453

6V5537 MOTOR GP-ELECTRIC

24 Volt

Part Of 6V5227 Starting Motor-Electric

ELECTRICAL SYSTEM



F-561863 EP

1453

6V5538 MOTOR GP-ELECTRIC
24 Volt
Part Of 6V5227 Starting Motor-Electric

ELECTRICAL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	6V8188	3	NUT					
	2	7X0562	3	WASHER-HARD					
	3	4B2049	1	NUT					
	4	8F1434	1	LOCKWASHER					
	5	8T0328	1	WASHER-HARD					
	6	8T4133	1	NUT					
	7	8T4121	1	WASHER					
	8	3E0142	1	HOUSING AS					
	9	3E0141	1	STOP-STARTER					
	10	4N7521	1	RING-LOCK					
	11	3E0143	1	DRIVE AS-STARTER					
	12	3E0144	1	HOUSING AS					
	13	3E0140	1	LEVER AS-STARTER					
	14	3E0138	1	ARMATURE AS					
	15	3E0137	1	HOLDER AS					
	16	3E0135	1	SOLENOID AS					
	17	3E0125	1	COVER AS-STARTER					
	18	3E0139	1	HOUSING AS					
	19	3E0136	1	HOUSING AS					
	20	3E0132	1	CONNECTOR					
	21	3E0133	1	WIRE AS-STARTER					
	22	3E0134	1	COVER-PLUNGER					
				THE FOLLOWING REPAIR KITS ARE AVAILABLE:					
		3E0128	1	KIT-BRUSH (INCLUDES O-RINGS, SCREW, SPRING, & BRUSH)					
		3E0131	1	KIT-WASHER (INCLUDES WASHERS)					
		3E0127	1	KIT-BEARING (INCLUDES BEARINGS)					
		3E0129	1	KIT-HARDWARE (INCLUDES WASHERS, BOLTS, LOCKWASHERS, NUTS, BUSHINGS, & PLATE)					
		3E0130	1	KIT-STARTER SEAL (INCLUDES SEALS & O-RINGS)					
		3E0145	1	KIT-STARTER PIN (INCLUDES O-RINGS, SHAFT, AND RING)					
M-METRIC PART									

561864 EP

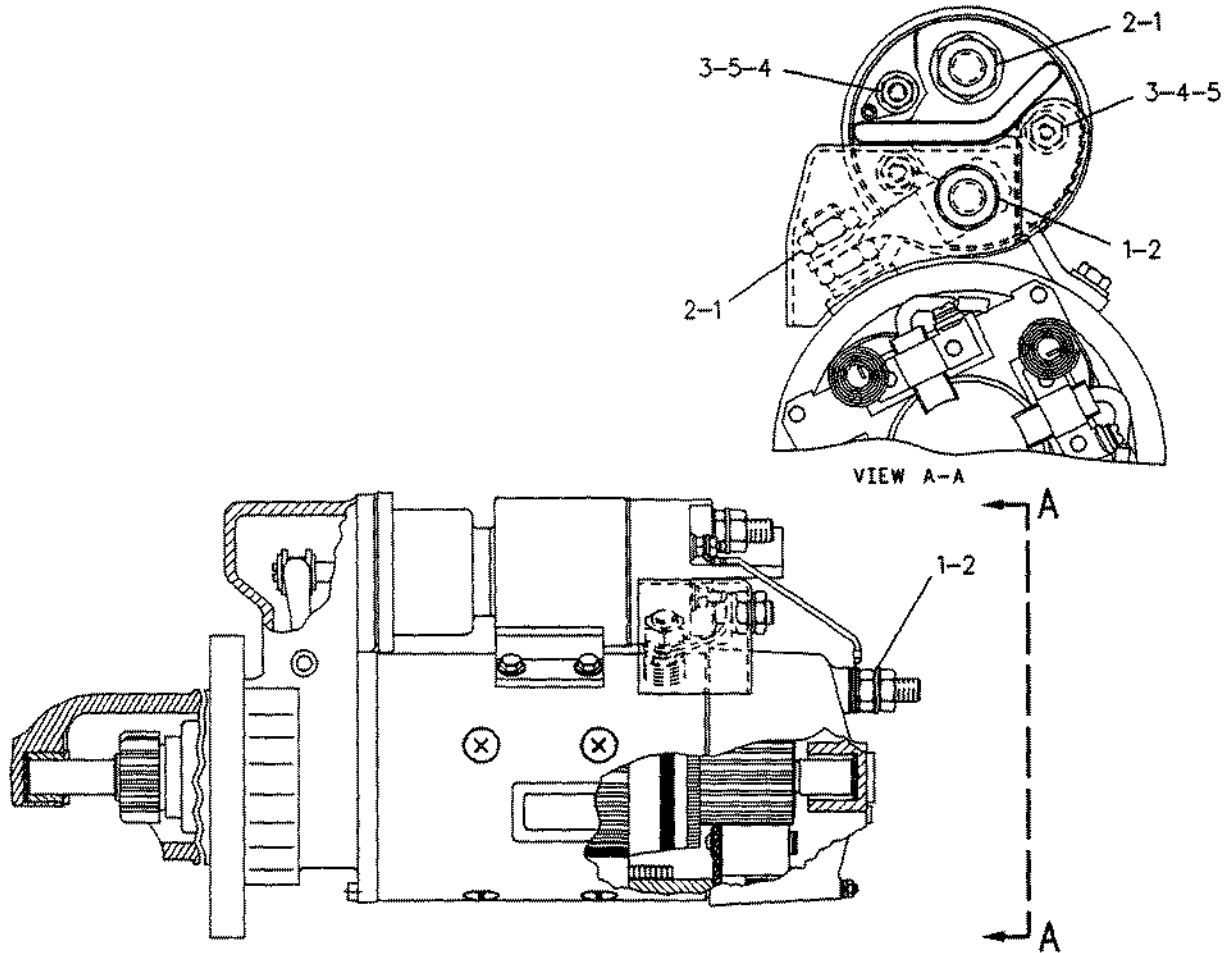
1453

6V5538 MOTOR GP-ELECTRIC

24 Volt

Part Of 6V5227 Starting Motor-Electric

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M M	1	7X0562	5	WASHER-HARD					
	2	8T4244	5	NUT					
	3	5C2874	2	NUT					
	4	8F1434	2	LOCKWASHER					
	5	8T0328	2	WASHER-HARD					

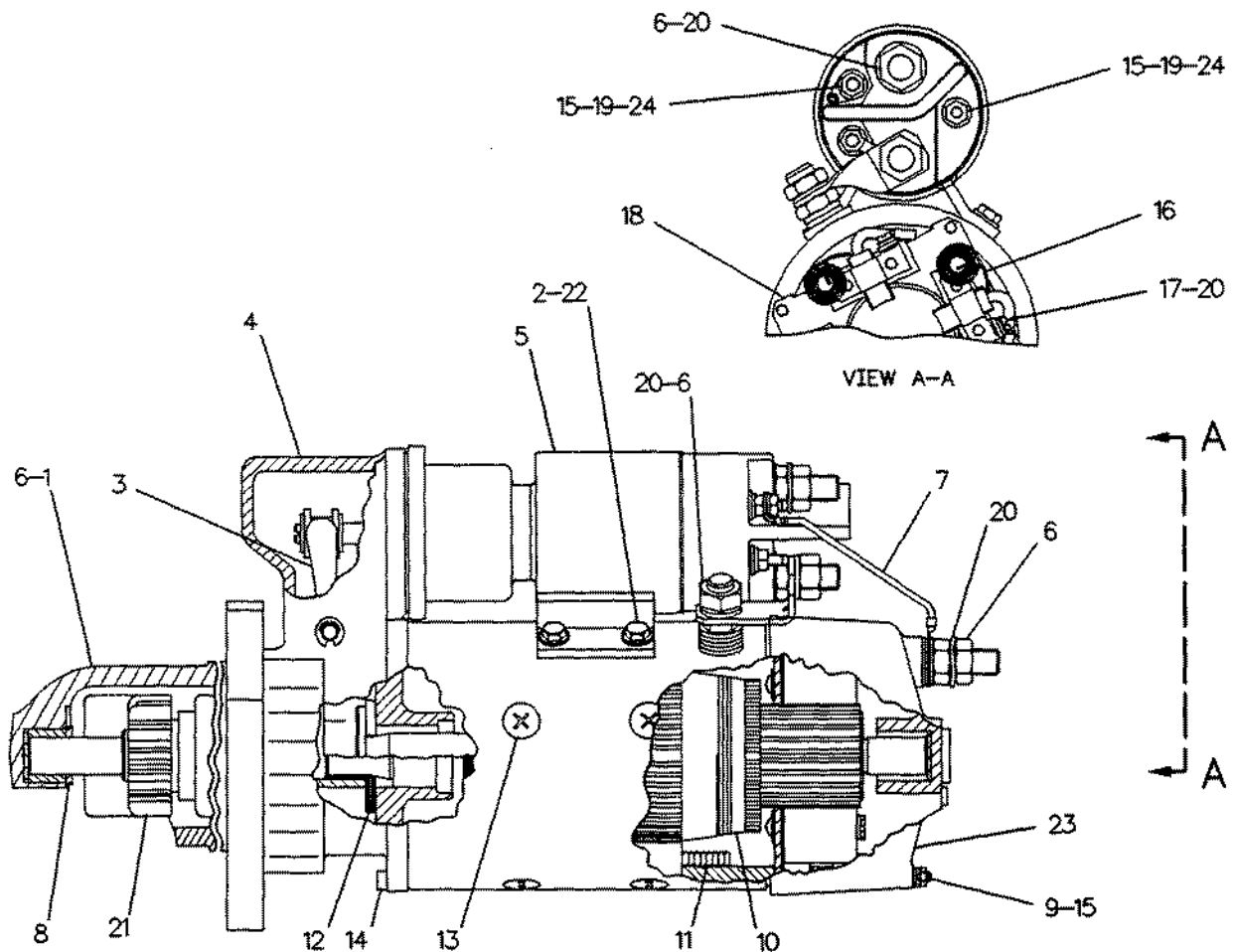
M-METRIC PART

F-561880 EP

1453

1068552 MOTOR GP-ELECTRIC
24 Volt
Part Of 6V5227 Starting Motor-Electric

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	3T7022	1	HOUSING AS-DRIVE					THE FOLLOWING REPAIR KITS ARE AVAILABLE: 3T0844 1 KIT-BRUSH (INCL BRUSHES) 3T2768 1 KIT-SEAL (INCL SEALS & RINGS) 3T2769 1 KIT-HARDWARE (INCL WIRE AS, NUTS, WASHERS, LOCKWASHERS, BUSHING & BAR) 3T7017 1 KIT-BEARING (INCL BEARINGS, SEAL, & SPACERS) 7T2339 1 KIT-LEVER (INCL LEVER, CLIP & SEALS)
	2	8T4205	4	WASHER-HARD					
	3	3T0863	1	LEVER-SHIFT					
	4	3T0864	1	HOUSING AS-LEVER					
C	5	3T0842	1	BEARING AS					
CM	6	9X0332	1	KIT-SOLENOID					
	7	8T4244	4	NUT					
	8	3T4716	1	WIRE AS					
M	9	3T7020	1	WASHER					
	10	3T0847	4	SCREW					
M	11	3T0867	1	ARMATURE AS					
	12	3T0865	1	COIL AS-FIELD					
M	13	3T7021	1	PLATE-BRAKE					
M	14	3T0850	8	SCREW					
CM	15	3T0849	12	BOLT-SOCKET HEAD					
	16	5C2874	6	NUT					
CM	17	3T0858	4	SPRING-BRUSH					
	18	6V9673	4	SCREW-MACHINE					
	19	3T0862	1	PLATE AS-BRUSH					
C	20	8T0328	6	WASHER-HARD					
	21	7X0562	4	WASHER-HARD					
CM	22	4N4517	1	DRIVE AS-MOTOR					
	23	8T4970	4	BOLT					
C	24	3T7025	1	COVER-END					
		8F1434	2	LOCKWASHER					

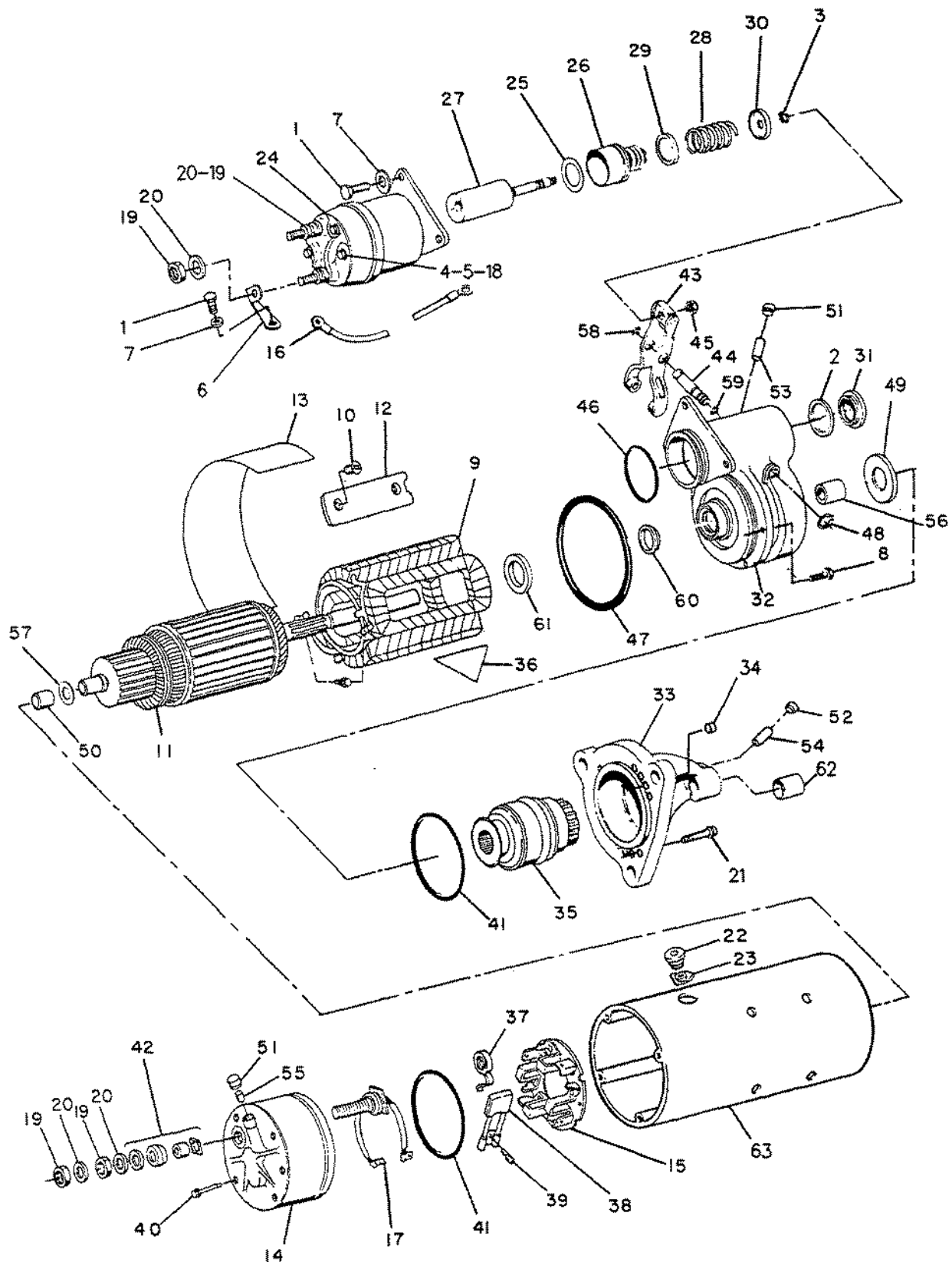
C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART

F-561759 EP

1453

3T6305 STARTING MOTOR GP-ELECTRIC-24 VOLT
Part Of 4N3181 Starting Motor

ELECTRICAL SYSTEM



R-561762 EP

1453

8C3651 STARTING MOTOR GP-ELECTRIC-24 VOLT
Part Of 4N3181 Starting Motor

ELECTRICAL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
NP	1	557349	4	BOLT (1/4-20X.5IN)					THE FOLLOWING REPAIR KITS ARE AVAILABLE: 1 KIT-BRUSH (INCL PARTS MARKED J) 1 KIT-BUSHING (INCL PARTS MARKED P) 1 KIT-LEVER (INCL PARTS MARKED N) 1 KIT-INSULATOR (INCL PARTS MARKED L)
	2	7L2894	1	GASKET			8C3655	1	
	3	2H3429	1	RING-RETAINING					
	4	4B2049	2	NUT (15.85MM OD)					
	5	8F1434	2	LOCKWASHER (5MM ID)			7T3267	1	
	6	7T3271	1	CONNECTOR					
	7	8T4205	4	WASHER-HARD (2MM THK)			7T3268	1	
	8	369823	5	BOLT					
	9	7T3277	1	COIL AS-FIELD			8T9884	1	
	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	8T0328	2	WASHER-HARD (1MM THK)					
	19	6V8188	4	NUT (1/2-13 THD)					
	20	7X0562	4	WASHER-HARD					
	21	7X3373	6	BOLT (5/16-18X.88IN)					
	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	7T3973	1	HOUSING AS-LEVER					
	33	7T3974	1	HOUSING AS-DRIVE					
	34	3T3434	6	PLUG					
	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					
PZ	49		1	GASKET(WASHER)					
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					
Z	63		1	HOUSING					

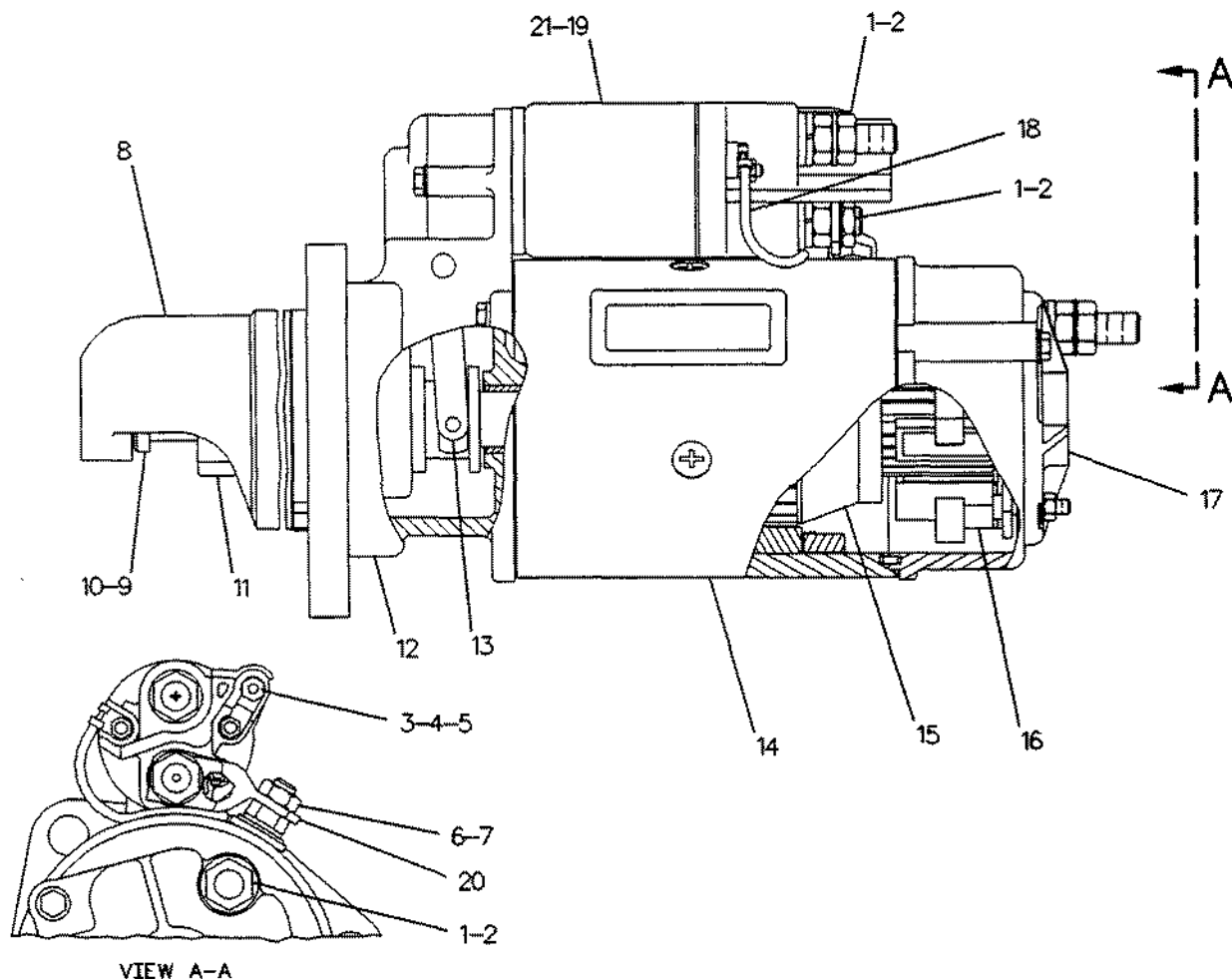
Z-NOT SERVICED SEPARATELY

561763 EP

1453

8C3651 STARTING MOTOR GP-ELECTRIC-24 VOLT
Part Of 4N3181 Starting Motor

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	6V8188	3	NUT (1/2-13 THD)					THE FOLLOWING REPAIR KITS ARE AVAILABLE: 1 KIT-BRUSH (INCL BRUSHES) 1 KIT-STARTER SEAL (INCL SEAL & RINGS) 1 KIT-HARDWARE (INCL WIRE AS, NUTS, WASHERS, LOCKWASHERS, BUSHING & BAR) 1 KIT-BEARING (INCL BEARING SEALS & SPACERS) 1 KIT-WASHER 1 KIT-STARTER PIN
	2	7X0562	3	WASHER-HARD			3E0128		
	3	4B2049	1	NUT (15.85MM OD)			3E0130		
	4	8F1434	1	LOCKWASHER (5MM ID)					
	5	8T0328	1	WASHER-HARD (1MM THK)			3E0129		
	6	8T4133	1	NUT (M10X1.50 THD)					
	7	8T4121	1	WASHER (21MM OD)					
	8	3E0142	1	HOUSING AS					
	9	3E0141	1	STOP-STARTER					
	10	4N7521	1	RING-LOCK			3E0127		
	11	3E0143	1	DRIVE AS-STARTER					
	12	3E0144	1	HOUSING AS					
	13	3E0140	1	LEVER AS-STARTER			3E0131		
	14	3E0139	1	HOUSING AS			3E0145		
	15	3E0138	1	ARMATURE AS					
	16	3E0137	1	HOLDER AS					
	17	3E0136	1	HOUSING AS					
	18	3E0133	1	WIRE AS-STARTER					
	19	3E0135	1	SOLENOID AS					
	20	3E0132	1	CONNECTOR					
	21	3E0134	1	COVER-PLUNGER					

M-METRIC PART

F-562573 EP

1453

9X4447 STARTING MOTOR GP-ELECTRIC-24 VOLT
Part Of 4N3181 Starting Motor

ELECTRICAL SYSTEM

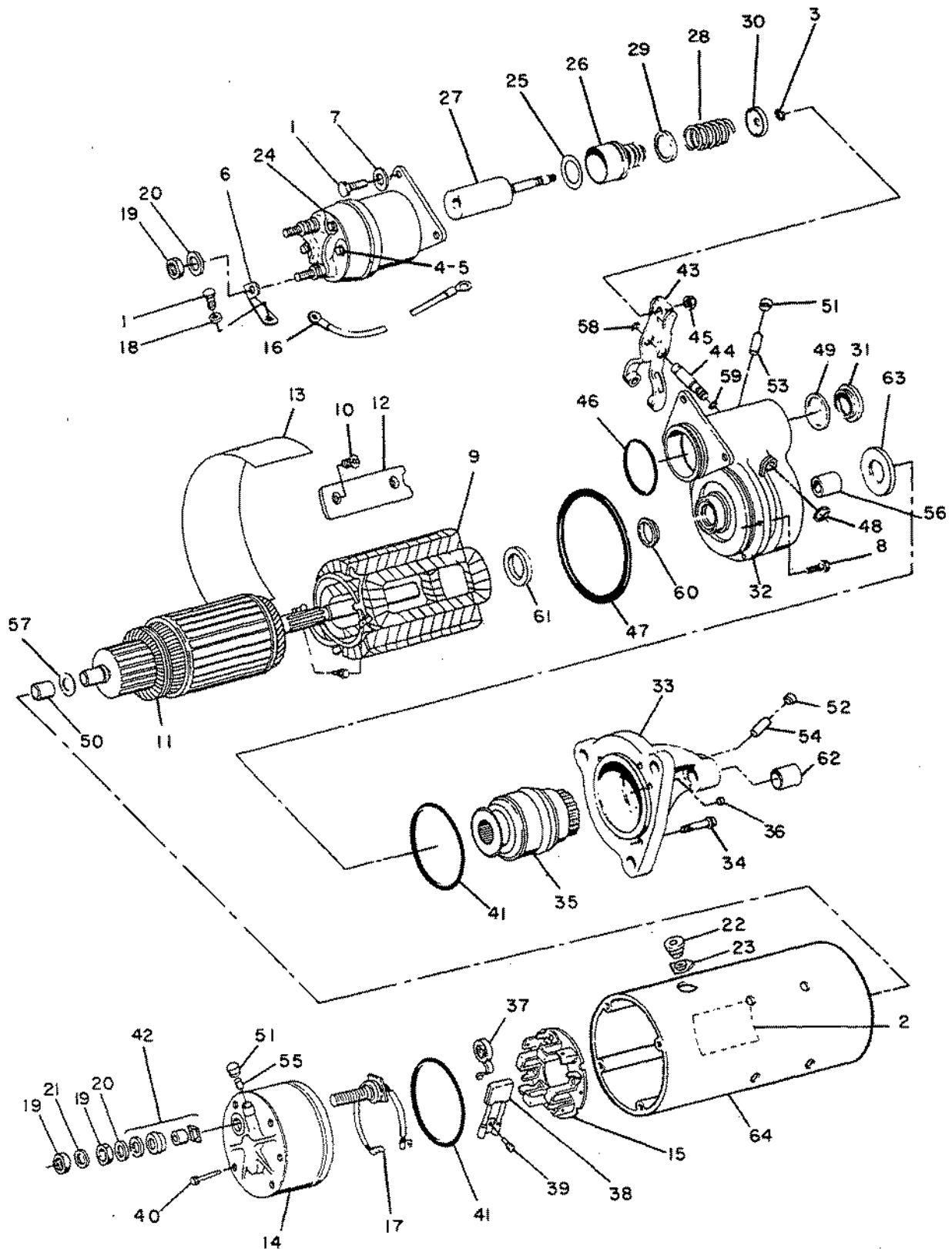
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1 8C3648 STARTING MOTOR GP-ELECTRIC.....	200

575416 P

1453

3T2655 STARTING MOTOR GP-ELECTRIC-12 VOLT*R
Part Of 9L5066 Starting Motor
Field Replacement For 8C3648-Page 200 & 7T2265-Page 202

ELECTRICAL SYSTEM



B-403133 EP

1453

8C3648 STARTING MOTOR GP-ELECTRIC-12 VOLT
 Part Of 3T3655 Starting Motor
 Field Replacement Order 3T2655-Page 199

ELECTRICAL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5S7349	4	BOLT	JZ	39		4	SCREW
	2	8C4171	1	NAMEPLATE	JPZ	40		6	SCREW AS
	3	2H3429	1	RING-RETAINING	JPZ	41		1	SEAL(O-RING)
	4	6V8378	1	NUT	LZ	42		3	INSULATOR
	5	8F1434	1	LOCKWASHER	LZ			1	BUSHING
	6	7T3271	1	CONNECTOR	NZ	43		1	LEVER AS
	7	4B4274	3	WASHER	NZ	44		1	LEVER AS
	8	369823	5	BOLT	NPZ	45		1	NUT
	9	8T8568	1	COIL AS-FIELD	NPZ	46		1	SEAL(O-RING)
	10	3F0379	8	SCREW-POLE SHOE	PZ	47		1	SEAL(O-RING)
	11	7T3275	1	ARMATURE AS	NZ	48		1	RETAINER
	12	8H1141	4	SHOE-POLE	NPZ	49		1	GASKET
	13	7T3454	1	INSULATOR	PZ	50		1	BUSHING
	14	7T3279	1	HOUSING AS	PZ	51		2	CUP(PLUG)
	15	8T8570	1	HOLDER AS-BRUSH	PZ	52		1	CUP(PLUG)
	16	3T3422	1	WIRE AS	PZ	53		1	PLUG
	17	8T8566	1	TERMINAL AS	PZ	54		1	PLUG
	18	7F4920	1	WASHER-PLAIN	PZ	55		1	PLUG
	19	3H3680	3	NUT-JAM	PZ	56		1	BUSHING
	20	4B4280	3	WASHER	PZ	57		1	WASHER
	21	9B0453	1	LOCKWASHER	NZ	58		1	SEAL(O-RING)
	22	7T3451	1	INSULATOR-TERMINAL	NZ	59		1	SEAL(O-RING)
	23	8T8569	1	INSULATOR-TERMINAL	PZ	60		1	RETAINER(SEAL)
	24	8T8818	1	SOLENOID AS	PZ	61		1	SPACER
	25	369821	1	WASHER	PZ	62		1	BUSHING
	26	7T3269	1	BOOT	PZ	63		1	GASKET(WASHER)
	27	7T3270	1	PLUNGER AS	Z	64		1	HOUSING
	28	9M7609	1	SPRING					
	29	4M1828	1	RETAINER-SPRING					
	30	4M1827	1	RETAINER-SPRING					
	31	4M1831	1	PLUG-LEVER HOUSING			8T9885	1	KIT-BRUSH
	32	7T3973	1	HOUSING AS-LEVER					(INCL PARTS MARKED J)
	33	7T3974	1	HOUSING AS-DRIVE			7T3267	1	KIT-BUSHING
	34	7M0336	6	SCREW					(INCL PARTS MARKED P)
	35	6N3827	1	DRIVE AS-MOTOR			7T3268	1	KIT-LEVER
	36	3T3434	6	PLUG					(INCL PARTS MARKED N)
JZ	37		4	SPRING			8T9884	1	KIT-INSULATOR
JZ	38		4	BRUSH					(INCL PARTS MARKED L)

Z-NOT SERVICED SEPARATELY

B-403134 EP

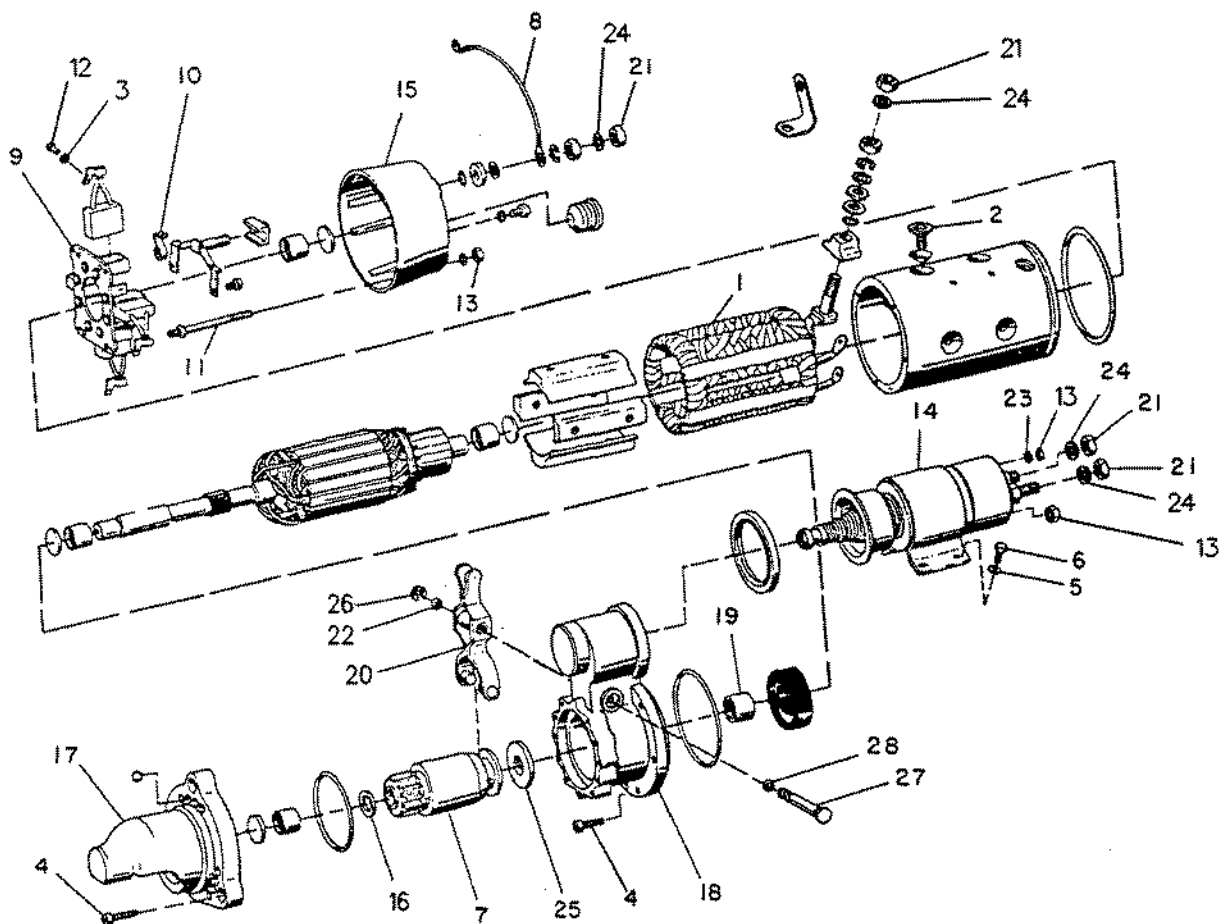
1453

8C3648 STARTING MOTOR GP-ELECTRIC-12 VOLT

Part Of 3T2655 Starting Motor

Field Replacement Order 3T2655-Page 199

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	7T2883	1	COIL AS-FIELD	JZ	27		1	LEVER
M	2	3T0850	8	SCREW					
M	3	8T0328	6	WASHER-HARD					
C	4	3T0849	12	BOLT-SOCKET HEAD					
MC	5	8T4205	4	WASHER-HARD			7T2339	1	THE FOLLOWING REPAIR KITS ARE AVAILABLE:
	6	8T4970	4	BOLT					
	7	4N4517	1	DRIVE AS-MOTOR	C		9X9652	1	KIT-LEVER (INCLUDES PARTS MARKED J)
	8	3T4716	1	WIRE AS					
	9	7T2882	1	PLATE AS-BRUSH	C		3T7017	1	KIT-ARMATURE (INCL ARMATURE, SEAL, BEARINGS, PLUG & SHIMS)
	10	3T0858	4	SPRING-BRUSH					
	11	3T0847	4	SCREW	C		3T2769	1	KIT-BEARING (INCL BEARINGS, SEAL & SPACERS)
MC	12	6V9673	4	SCREW-MACHINE					
MC	13	5C2874	6	NUT	C				
C	14	9X8236	1	SOLENOID AS					
	15	3T7025	1	COVER-END					
	16	3T7020	1	WASHER					
	17	3T7022	1	HOUSING AS-DRIVE	C		9X8235	1	KIT-HARDWARE (INCL BUSHINGS, WASHERS, NUTS, LOCKWASHERS, BAR & WIRE ASSEMBLIES)
	18	3T0864	1	HOUSING AS-LEVER					
	19	3T0842	1	BEARING AS	C		3T2768	1	KIT-BRUSH (INCL BRUSHES)
	20	3T0863	1	LEVER-SHIFT					
MC	21	8T4244	4	NUT					
JZ	22		2	SEAL					
	23	8F1434	2	LOCKWASHER					
C	24	7X0562	4	WASHER-HARD					
	25	3T7021	1	PLATE-BRAKE					
JZ	26		1	CLIP					

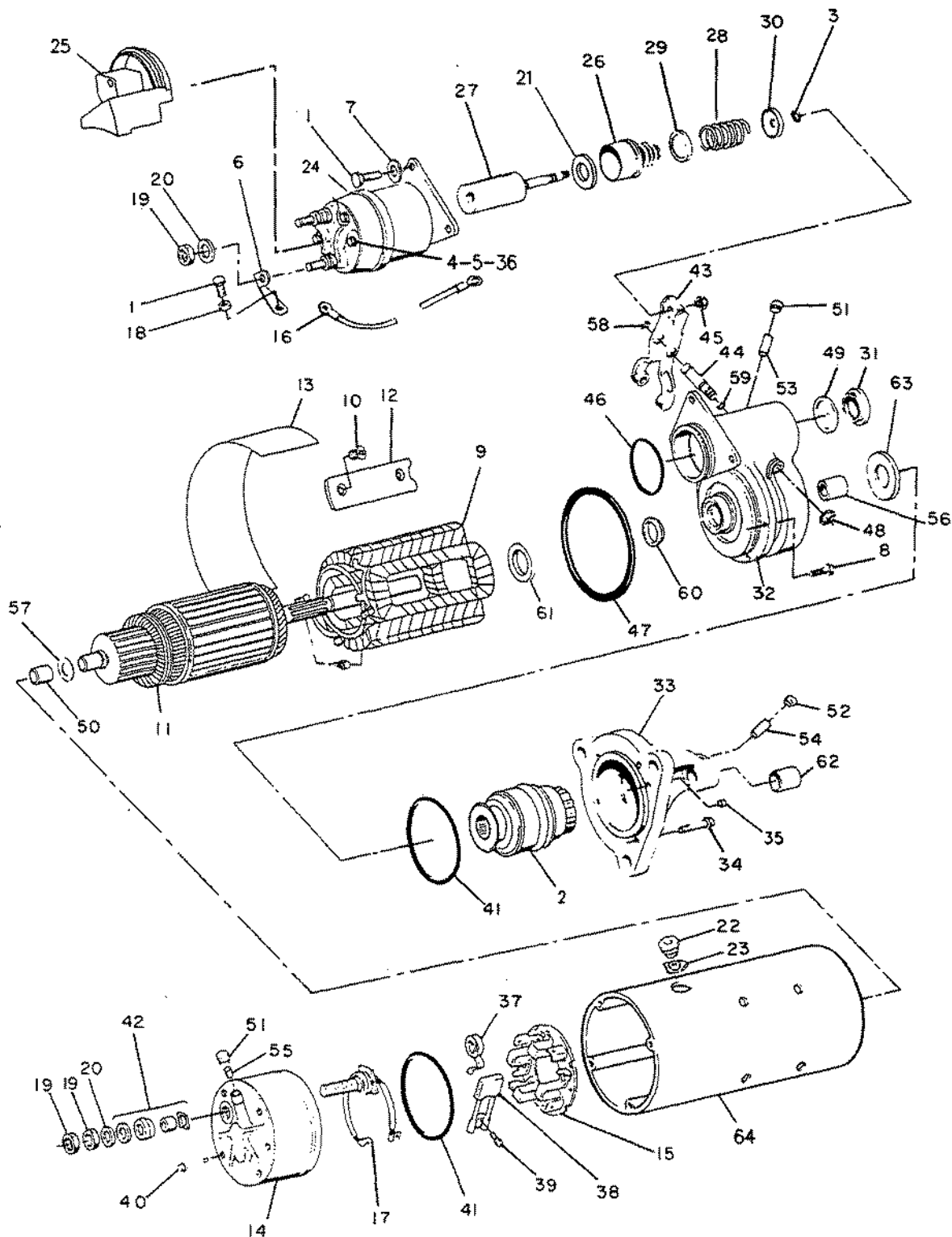
C-CHANGE FROM PREVIOUS TYPE
M-METRIC PART
Z-NOT SERVICED SEPARATELY

R-575418 EP

1453

7T2265 STARTING MOTOR GP-ELECTRIC-12 VOLT
Part Of 3T2655 Starting Motor
Field Replacement Order 3T2655-Page 199

ELECTRICAL SYSTEM



R-575681 EP

1453

3E7864 STARTING MOTOR GP-ELECTRIC
 Part Of 7N6504 Starting Motor
 For Field Replacement Order 6V3948-Page 202.04

ELECTRICAL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	557349	4	BOLT					
	2	6N3827	1	DRIVE AS-MOTOR					
	3	2H3429	1	RING-RETAINING					
	4	4B2049	3	NUT					
	5	8F1434	2	LOCKWASHER			8T9885	1	THE FOLLOWING REPAIR KITS ARE AVAILABLE:
	6	7T3271	1	CONNECTOR					1 KIT-BRUSH
	7	4B4274	3	WASHER			7T3267	1	(INCL PARTS MARKED J)
	8	369823	5	BOLT					1 KIT-BUSHING
	9	8T8568	1	COIL AS-FIELD			7T3268	1	(INCL PARTS MARKED P)
	10	3F0379	8	SCREW-POLE SHOE					1 KIT-LEVER
	11	7T3275	1	ARMATURE AS			8T9884	1	(INCL PARTS MARKED N)
	12	8H1141	4	SHOE-POLE					1 KIT-INSULATOR
	13	7T3454	1	INSULATOR					(INCL PARTS MARKED L)
	14	7T3279	1	HOUSING AS					
	15	8T8570	1	HOLDER AS-BRUSH					
	16	3T3422	1	WIRE AS					
	17	8T8566	1	TERMINAL AS					
	18	8T4205	1	WASHER-HARD					
	19	6V8188	4	NUT					
	20	7X0562	4	WASHER-HARD					
	21	369821	1	WASHER					
	22	7T3451	1	INSULATOR-TERMINAL					
	23	8T8569	1	INSULATOR-TERMINAL					
	24	3E5449	1	SOLENOID AS-STARTING MOTOR					
	25	9X4824	1	COVER-STARTER					
	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	3T3434	6	PLUG					
	36	8T0328	3	WASHER-HARD					
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

575682 EP

1453

3E7864 STARTING MOTOR GP-ELECTRIC

Part Of 7N6504 Starting Motor

For Field Replacement Order 6V3948-Page 202.04

ELECTRICAL SYSTEM

PAGE

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1 6V3954 STARTING MOTOR GP-ELECTRIC..... 202.05

OR

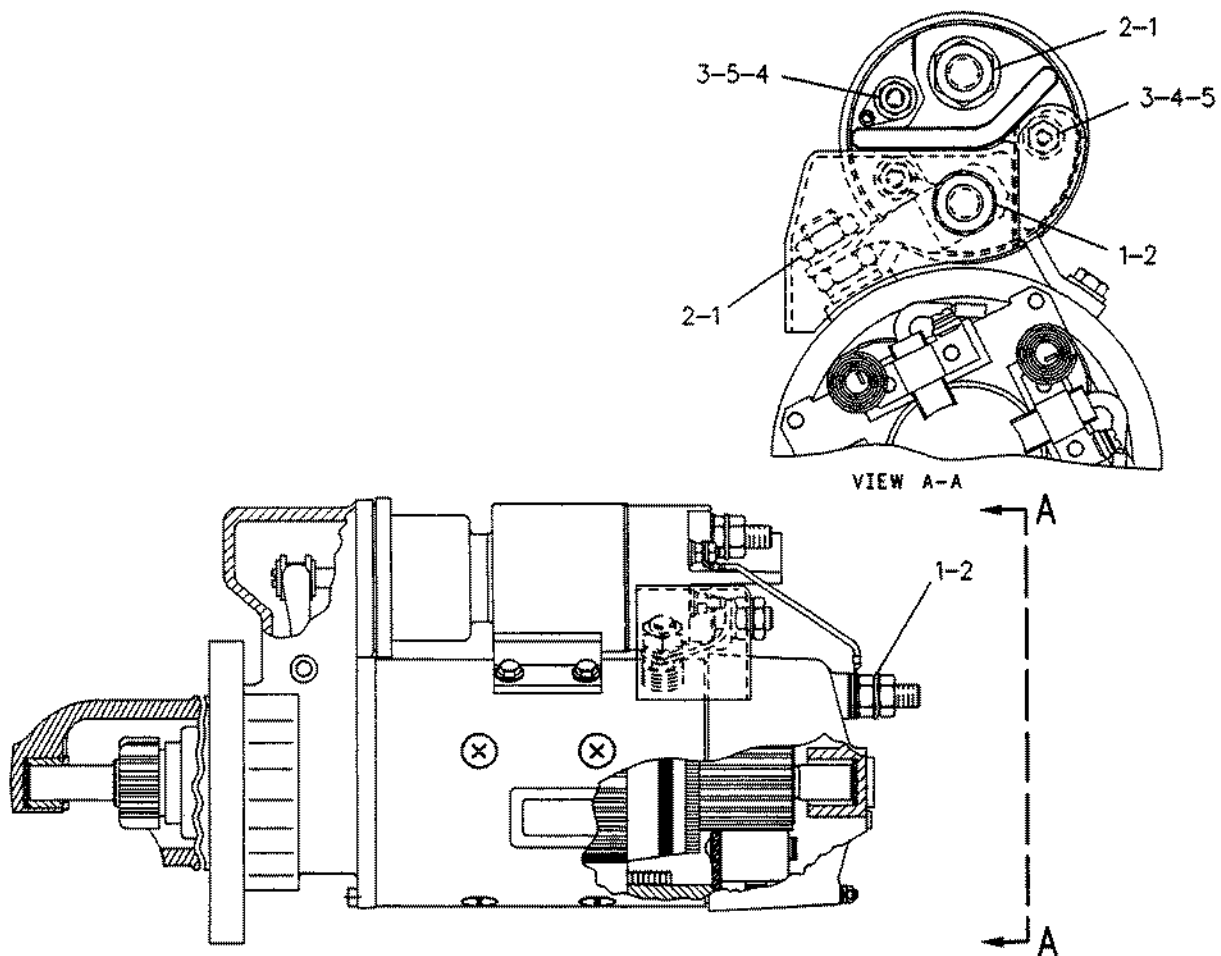
1 6V3969 STARTING MOTOR GP-ELECTRIC..... 202.06

575692 P

1453

6V3948 STARTING MOTOR GP-ELECTRIC*R
Field Replacement For 3E7864-Page 202.02

ELECTRICAL SYSTEM



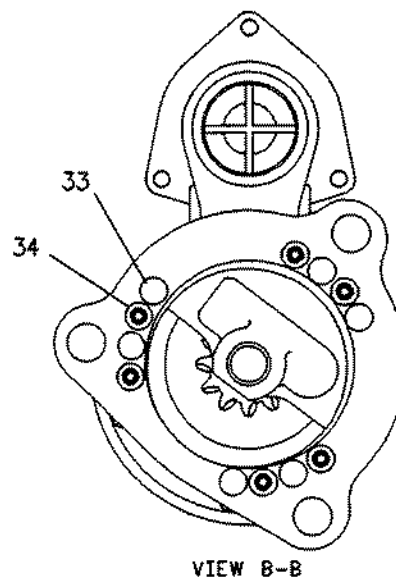
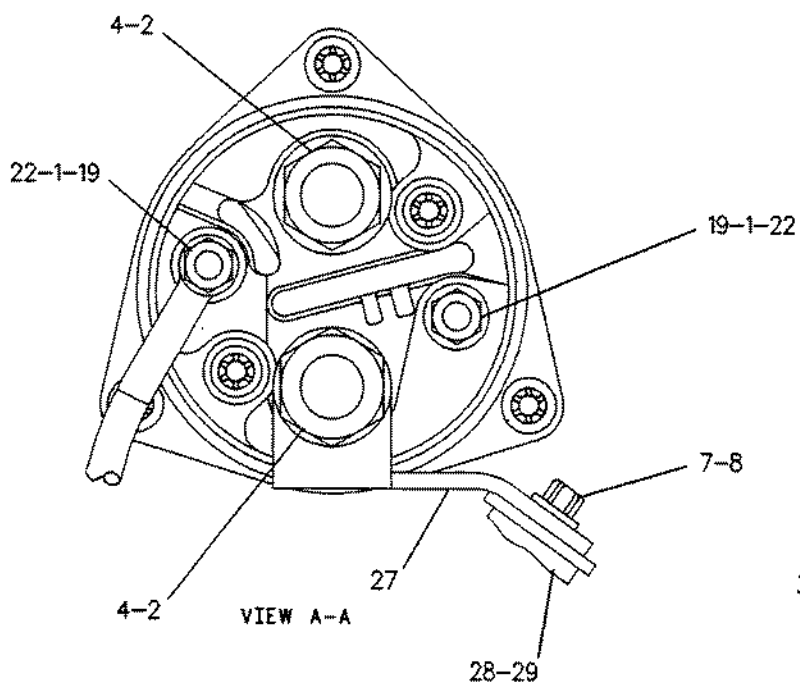
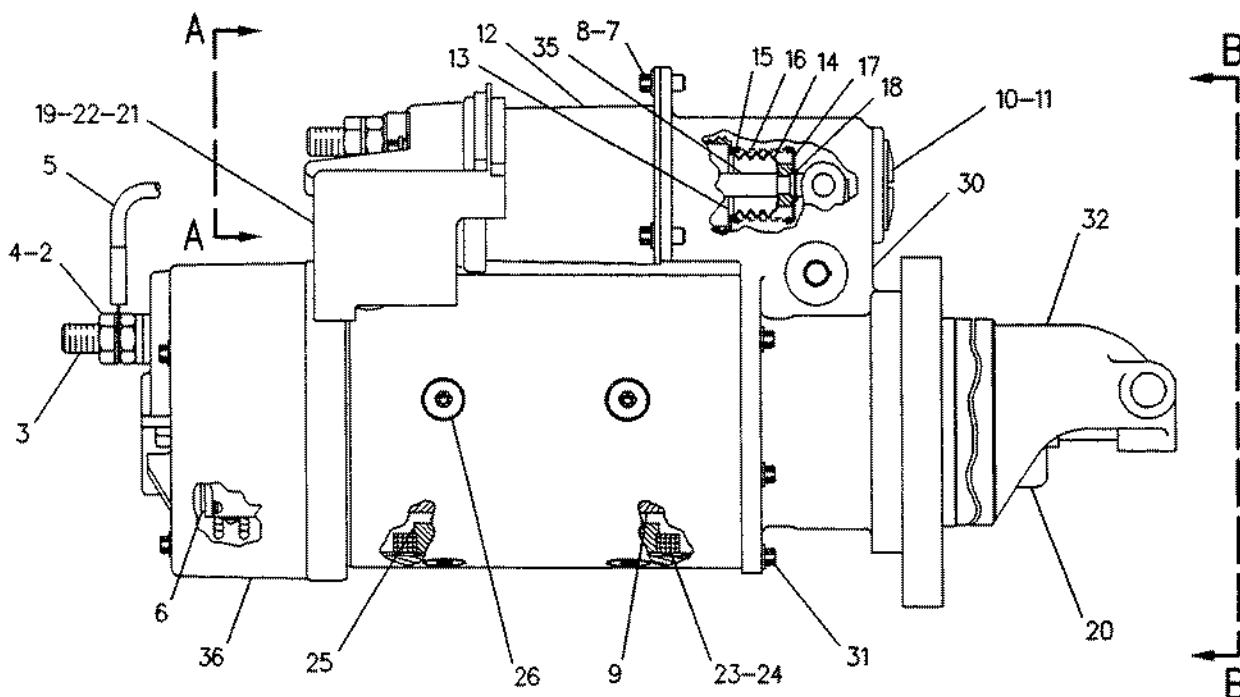
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7X0562	5	WASHER-HARD					
	2	8T4244	5	NUT					
	3	5C2874	2	NUT					
	4	8F1434	2	LOCKWASHER					
	5	8T0328	2	WASHER-HARD					

F-575699 EP

1453

6V3954 STARTING MOTOR GP-ELECTRIC
12 Volt
Part Of 6V3948 Starting Motor

ELECTRICAL SYSTEM



F-575762 EP

1453

6V3969 STARTING MOTOR GP-ELECTRIC
12 Volt
Part Of 6V3948 Starting Motor

ELECTRICAL SYSTEM

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8F1434	2	LOCKWASHER					
	2	6V8188	4	NUT					
	3	8T8566	1	TERMINAL AS					
	4	7X0562	4	WASHER-HARD					
	5	3T3422	1	WIRE AS					
		2L8066	1	TERMINAL					
		2L8071	1	TERMINAL					
	6	8T8570	1	HOLDER AS-BRUSH					
	7	5S7349	4	BOLT					
	8	8T4205	4	WASHER-HARD					
	9	7T3275	1	ARMATURE AS					
	10	4M1831	1	PLUG-LEVER HOUSING					
	11	7L2894	1	GASKET					
	12	3E5449	1	SOLENOID AS-STARTING MOTOR					
	13	369821	1	WASHER					
	14	7T3269	1	BOOT					
	15	4M1828	1	RETAINER-SPRING					
	16	9M7609	1	SPRING					
	17	4M1827	1	RETAINER-SPRING					
	18	2H3429	1	RING-RETAINING					
	19	4B2049	3	NUT					
	20	6N3827	1	DRIVE AS-MOTOR					
	21	9X4824	1	COVER-STARTER					
	22	8T0328	3	WASHER-HARD					
	23	8T8568	1	COIL AS-FIELD					
	24	7T3454	1	INSULATOR					
	25	8H1141	4	SHOE-POLE					
	26	3F0379	8	SCREW-POLE SHOE					
	27	7T3271	1	CONNECTOR					
	28	8T8569	1	INSULATOR-TERMINAL					
	29	7T3451	1	INSULATOR-TERMINAL					
	30	3E7775	1	HOUSING AS					
	31	369823	5	BOLT					
	32	7T3974	1	HOUSING AS-DRIVE					
	33	3T3434	6	PLUG					
	34	7X3373	6	BOLT					
	35	7T3270	1	PLUNGER AS					
	36	7T3279	1	HOUSING AS					
				THE FOLLOWING REPAIR KITS ARE AVAILABLE:					
		8T9885	1	KIT-BRUSH (INCLUDES SPRINGS, BRUSH ASSEMBLIES, & SCREWS)					
		7T3267	1	KIT-BUSHING					
		7T3268	1	KIT-LEVER (INCLUDES RETAINER, LEVER ASSEMBLIES, NUT & SEALS)					
		8T9884	1	KIT-INSULATOR (INCLUDES BUSHING & INSULATORS)					

575763 EP

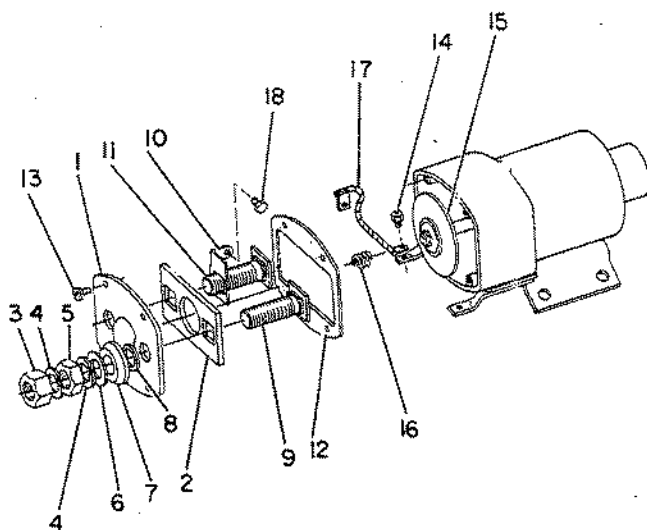
1453

6V3969 STARTING MOTOR GP-ELECTRIC

12 Volt

Part Of 6V3948 Starting Motor

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5L9086	1	TERMINAL AS
		4M1834	1	PLATE-TERMINAL
	2	7F4907	1	STRIP-INSULATION
	3	3H3681	2	NUT-FULL
	4	9F4976	4	LOCKWASHER
	5	3H3680	2	NUT-JAM
	6	7F3494	2	WASHER-STUD
	7	4M1836	2	INSULATOR
	8	4M1837	2	BUSHING-TERMINAL
	9	5L9089	1	STUD (MOTOR)
	10	4M2800	1	TERMINAL
	11	5L9088	1	STUD (BATTERY)
	12	9S4490	1	GASKET-PLATE
	13	8H4180	4	SCREW AS-MACHINE
	14	4M3217	2	SCREW
C	15	9G6770	1	CONTACT AS
	16	4M1815	1	SPRING-CONTACT
	17	1P3879	1	LEAD AS
	18	4M5274	1	SCREW-MACHINE (TRUSS HEAD)
		5P9132	1	SCREW-WASHER HEAD (HEX HEAD)

C-CHANGE FROM PREVIOUS TYPE

B-230252 EP

1467

7L6586 SOLENOID AS-12 VOLT
Part Of 9L3597 Starting Motor
An Attachment

PAGE

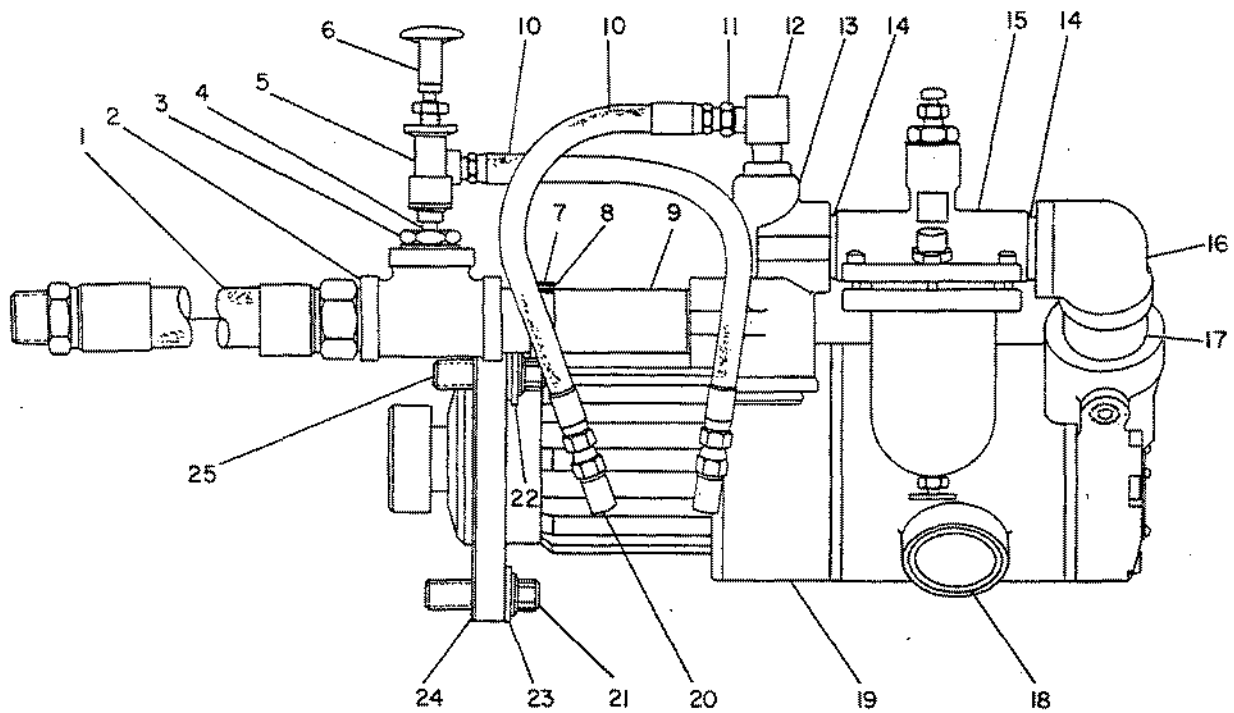
1	4N4370 MOTOR GP-AIR.....	206
1	4H7869 GASKET	
3	7J8902 BOLT-12 POINT HEAD	
3	2S5658 WASHER-HARD	

495393 P

1451

5N9542 MOTOR GP-AIR STARTING
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
I	1	9L4652	1	HOSE AS		24	4H7869	1	GASKET
	2	4B7770	1	TEE		25	8S2332	1	BOLT-12 POINT HEAD
	3	4D3967	1	BUSHING-REDUCER					
	4	3B7264	1	NIPPLE					
	5	4N3410	1	VALVE AS-CONTROL (STARTER)					
	6	2W0629	1	KNOB-ENGINE START					
	7	9M2904	1	CLAMP-HOSE					
	8	1H0690	1	STRIP-FELT					
	9	6N2430	1	NIPPLE-PIPE					
I	10	3N4579	2	HOSE AS					
	11	4M5317	1	BUSHING-TERMINAL					
	12	3D8884	1	ELBOW-90 DEGREE					
	13	7M9544	1	VALVE					
	14	3B7749	2	NIPPLE-CLOSE					
	15	4L3124	1	LUBRICATOR GP-AIR MOTOR					
	16	3L9071	1	ELBOW-REDUCING					
	17	3B7750	1	NIPPLE					
	18	5N8998	1	BOOT					
Y	19	2W3434	1	STARTING MOTOR GP-AIR					
	20	5J7303	2	ELBOW					
	21	7J8902	2	BOLT-12 POINT HEAD					
	22	2W1816	1	BRACKET AS					
		4N5668	1	BRACKET					
		1K3047	1	WASHER					
	23	2S5658	2	WASHER-HARD					

I-SEE HOSE FABRICATION GUIDE
Y-SEPARATE ILLUSTRATION

B-331503 EP

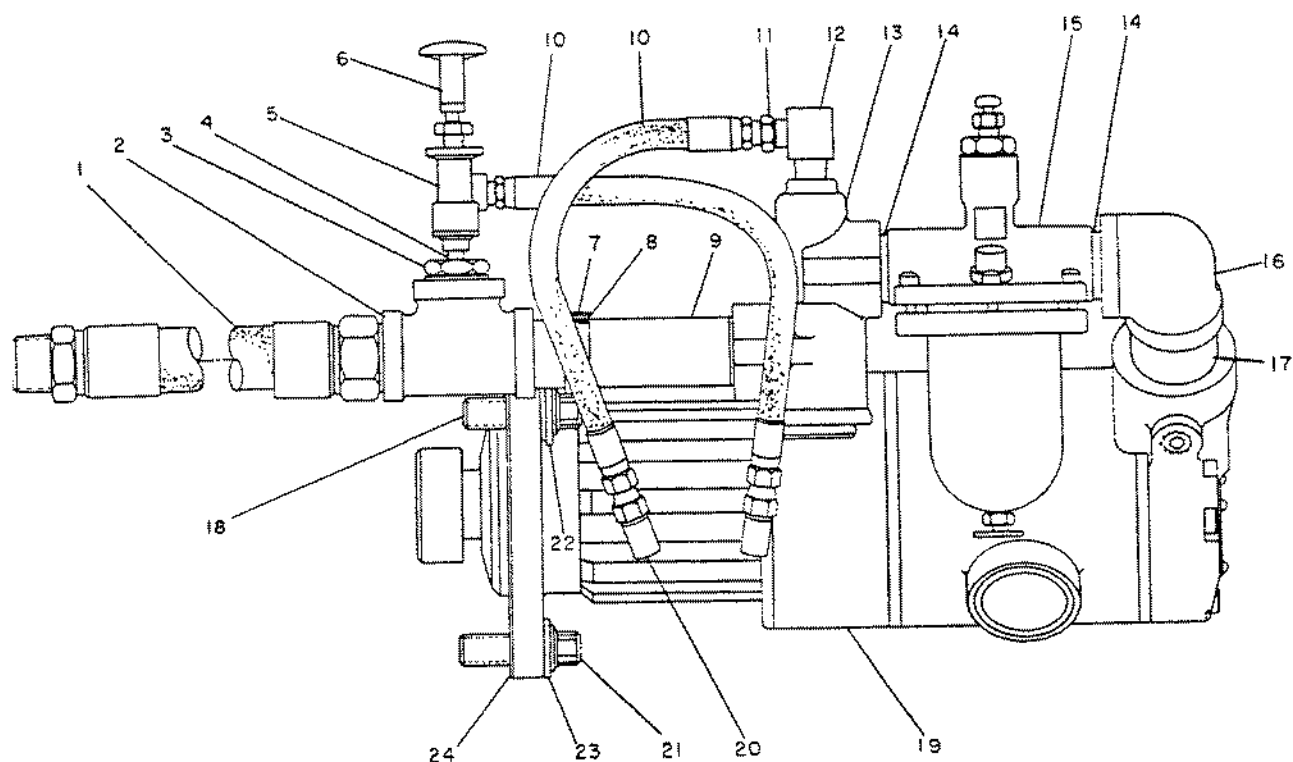
1451

2W3577 STARTING MOTOR GP-AIR

2W3434-Page 207

An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9L4652	1	HOSE AS		24	4H7869	1	GASKET
	2	4B7770	1	TEE					
	3	4D3967	1	BUSHING-REDUCER					
	4	6V1813	1	NIPPLE-CLOSE					
	5	4N3410	1	VALVE AS-CONTROL (STARTER)					
	6	2W0629	1	KNOB-ENGINE START					
	7	9M2904	1	CLAMP-HOSE					
	8	1H0690	1	STRIP-FELT					
	9	6N2430	1	NIPPLE-PIPE					
	10	3N4579	2	HOSE AS					
	11	4M5317	1	BUSHING-TERMINAL					
	12	3D8884	1	ELBOW-90 DEGREE					
	13	7M9544	1	VALVE					
	14	3B7749	2	NIPPLE-CLOSE					
	15	4L3124	1	LUBRICATOR GP-AIR MOTOR					
	16	3L9071	1	ELBOW-REDUCING					
	17	3B7750	1	NIPPLE					
Y	18	8S2332	1	BOLT-12 POINT HEAD					
	19	7W9655	1	STARTING MOTOR GP-AIR					
	20	5J7303	2	ELBOW					
	21	7J8902	2	BOLT-12 POINT HEAD					
	22	2W1816	1	BRACKET AS					
		4N5668	1	BRACKET					
		1K3047	1	WASHER					
	23	2S5658	2	WASHER-HARD					

Y-SEPARATE ILLUSTRATION

B-350334 EP

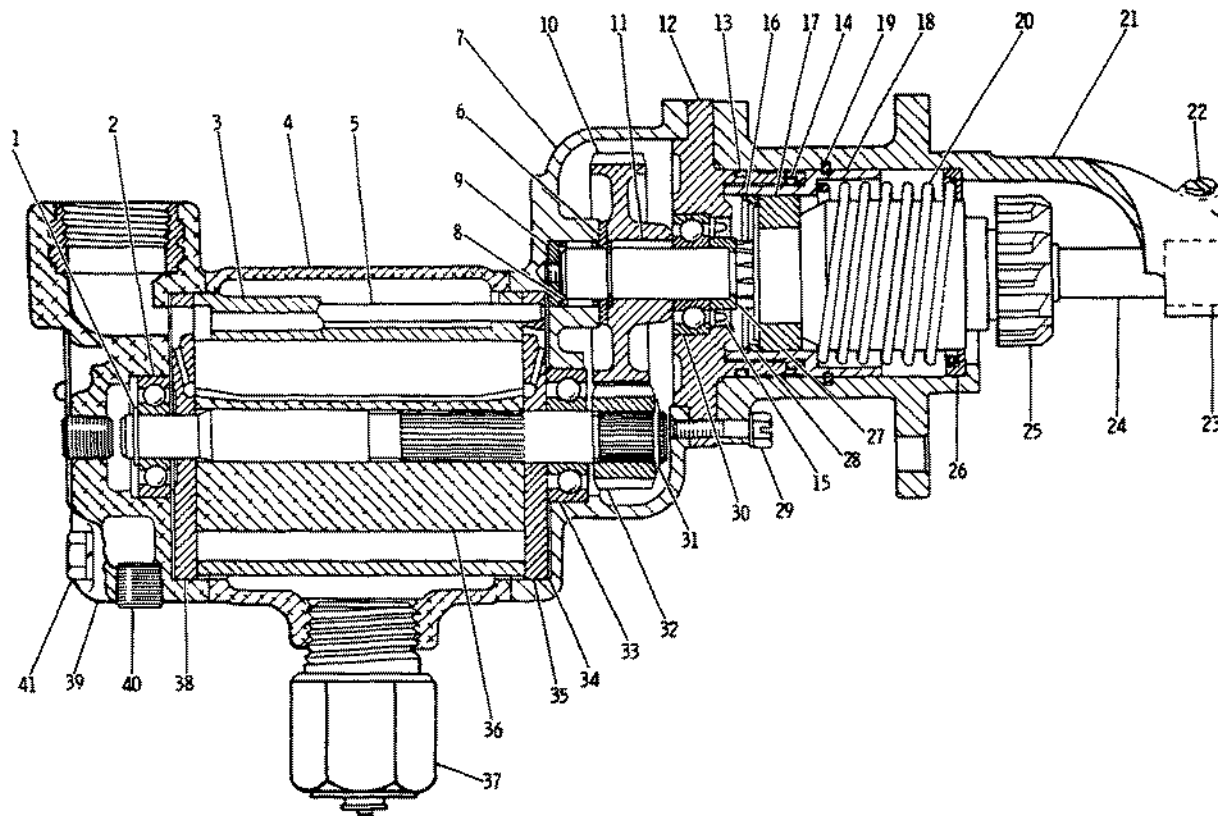
1451

7W9654 STARTING MOTOR GP-AIR

7W9655-Page 208

2W3560 Silencer-Air Starting Is Available
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5L4035	1	RING-RETAINING		26	4N4404	1	SEAT-SPRING
	2	4N4375	1	BALL BEARING		27	4N4397	1	COLLAR-DRIVE SHAFT
	3	4N4378	1	CYLINDER		28	4N4402	1	SPACER-RING
	4	4N4383	1	HOUSING-MOTOR		29	2A5546	12	BOLT
	5	4N4379	1	DOWEL-CYLINDER			3B4504	12	LOCKWASHER
	6	4N4390	1	WASHER-THRUST		30	5F8651	1	BALL BEARING
	7	4N4387	1	CASE AS-GEAR		31	4N4386	1	RETAINER-PINION
	8	91436	1	BEARING		32	4N4385	1	PINION-ROTOR
	9	4N4388	1	WASHER-EJECTION		33	9B9774	1	BALL BEARING
	10	4N4389	1	GEAR-DRIVE (43 TEETH)		34	4N4384	1	GASKET-GEAR CASE
	11	4N4391	1	KEY-GEAR		35	4N4382	1	PLATE-FRONT END
	12	4N4392	1	COVER AS-CASE		36	4N4381	1	ROTOR
	13	6H3977	1	SEAL-O-RING		37	4N4409	1	DEFLECTOR AS
	14	8F8882	1	SEAL-O-RING		38	4N4377	1	PLATE-REAR END
	15	4N4393	1	SEAL-GREASE			4N4376	1	GASKET-HOUSING COVER
	16	520512	1	RING-RETAINING		39	4N4371	1	COVER AS-HOUSING
	17	4N4400	1	RING-SHIFT		40	7M7410	3	PLUG
	18	4N4398	1	PISTON AS		41	4F0411	4	BOLT
	19	4N4399	1	RING-PISTON			3B4506	4	LOCKWASHER
	20	4N4403	1	SPRING-RING					THE FOLLOWING REPAIR KIT IS AVAILABLE:
	21	4N4406	1	HOUSING AS-DRIVE			4N4380	1	KIT-VANE
	22	2B4602	1	PLUG-PIPE					
		4N4408	1	OILER-BUSHING					
	23	4N4407	1	BUSHING-DRIVE HOUSING					
	24	4N4421	1	DRIVE SHAFT					
	25	4N4517	1	DRIVE AS-MOTOR					

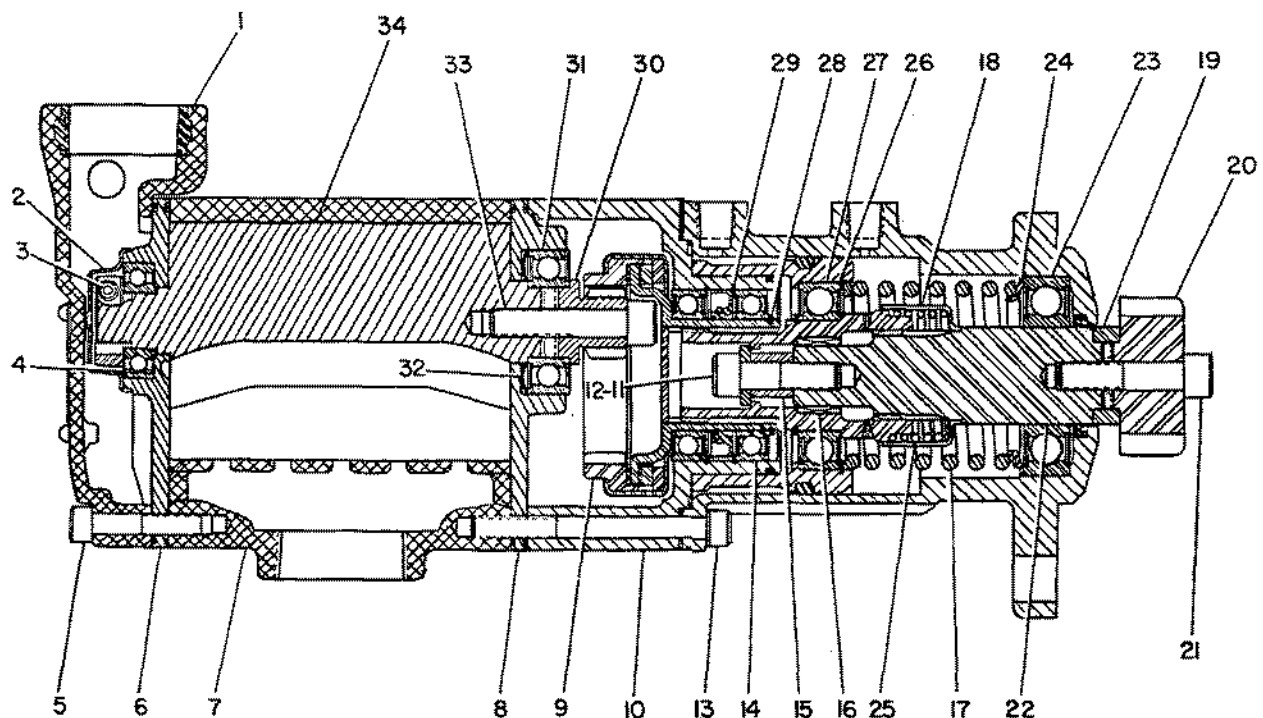
C-CHANGE FROM PREVIOUS TYPE

B-218245 EP

1451

4N4370 MOTOR GP-AIR
Part Of 5N9542 Starting Motor
An Attachment

ELECTRICAL SYSTEM



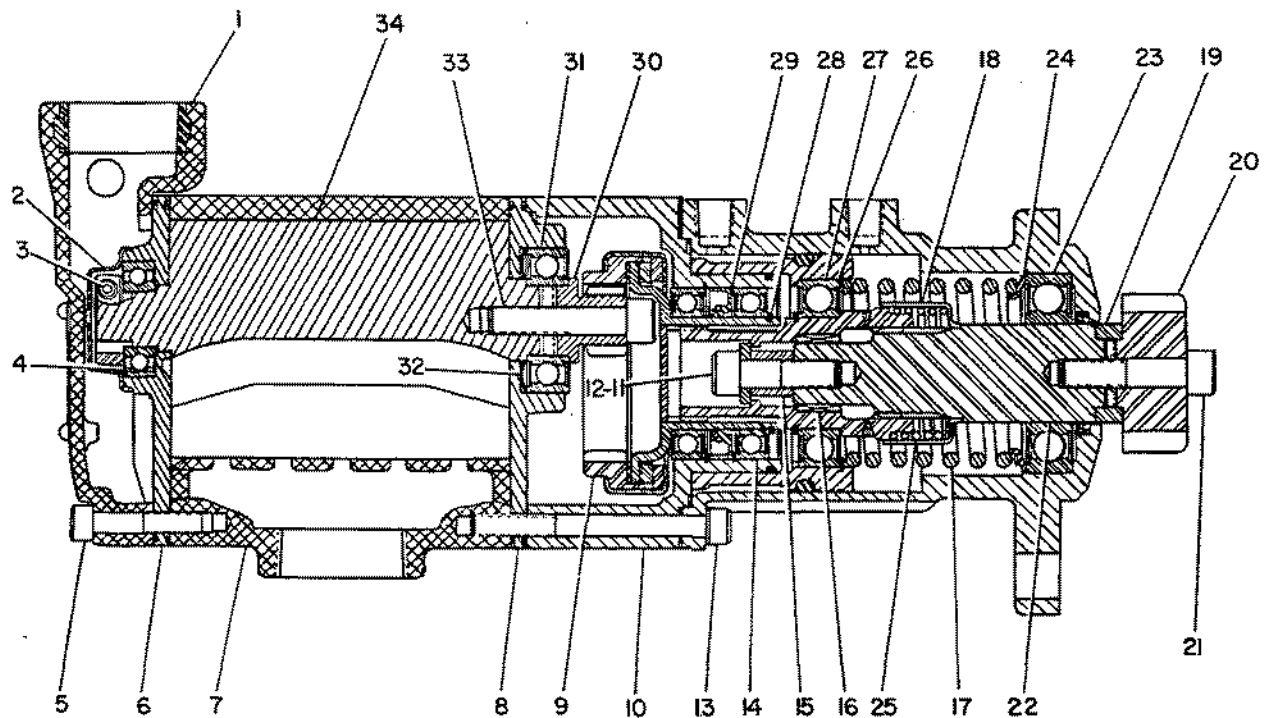
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7W0510	1	COVER AS-INLET		26	8T2191	1	RING-RETAINING
	2	7W0517	1	COVER-ROTOR NUT		27	8T0728	1	BALL BEARING
	3	7W0516	1	NUT-ROTOR CLAMP		28	2L6965	2	RING-RETAINING
	4	8T2182	1	BALL BEARING		29	8T2190	2	RING-RETAINING
	5	6V5193	4	BOLT-SOCKET HEAD		30	7W0519	1	PINION-ROTOR
	6	7W0511	1	PLATE-REAR END		31	157056	1	BALL BEARING
	7	7W0512	1	HOUSING AS-CYLINDER		32	7W0518	2	WASHER-WAVE
	8	7W0513	1	PLATE-FRONT END		33	8T1160	1	BOLT-SOCKET HEAD
	9	7W0521	1	GEAR AS		34	7W0514	1	ROTOR
				(21 TEETH INTERNAL)					
	10	7W0520	1	CASE-GEAR					THE FOLLOWING REPAIR
	11	8T0271	1	BOLT-SOCKET HEAD					KITS ARE AVAILABLE:
	12	7W0534	1	WASHER			7W0523	1	KIT-PISTON
	13	8T2224	4	BOLT-SOCKET HEAD					(INCL O-RING)
	14	8T0727	2	BALL BEARING			7W0525	1	KIT-JAW CLUTCH
	15	7W0533	1	SPACER			7W0538	1	KIT-DRIVE HOUSING
	16	8T0726	1	BEARING-ROLLER					(INCL GASKET,
	17	7W0530	1	SPRING-RETURN					O-RING, HOUSING, SEAL,
	18	7W0529	1	CUP-SPRING					BEARING, BOLTS AND
	19	7W0535	1	COLLAR-DRIVE SHAFT					WASHERS)
	20	7W0526	1	PINION (12 TEETH)			7W0540	1	KIT-SEAL & VANE
	21	8T2223	1	BOLT-SOCKET HEAD					(INCL O-RINGS,
	22	7W0532	1	DRIVE SHAFT					VANE, GASKET, SEALS
	23	6O7519	1	BALL BEARING					AND WASHER)
	24	7W0531	1	SEAT-SPRING					
	25	7W0528	1	SPRING-CLUTCH					

B-331505 EP

1451

2W3434 STARTING MOTOR GP-AIR
Part Of 2W3577 Starting Motor
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
M	1	7W0510	1	COVER AS-INLET	M	26	8T2191	1	RING-RETAINING
	2	7W0517	1	COVER-ROTOR NUT		27	8T0728	1	BALL BEARING
	3	7W0516	1	NUT-ROTOR CLAMP		28	2L6965	2	RING-RETAINING
	4	8T2182	1	BALL BEARING		29	8T2190	2	RING-RETAINING
	5	6V5193	4	BOLT-SOCKET HEAD		30	7W0519	1	PINION-ROTOR
	6	7W0511	1	PLATE-REAR END		31	1S7056	1	BALL BEARING
	7	7W0512	1	HOUSING AS-CYLINDER		32	7W0518	2	WASHER-WAVE
	8	7W0513	1	PLATE-FRONT END		33	8T1160	1	BOLT-SOCKET HEAD
	9	7W0521	1	GEAR AS (21 TEETH INTERNAL)		34	7W0514	1	ROTOR
M	10	7W0520	1	CASE-GEAR					THE FOLLOWING REPAIR KITS ARE AVAILABLE:
	11	8T0271	1	BOLT-SOCKET HEAD					1 KIT-PISTON
	12	7W0534	1	WASHER			7W0523	1	(INCL O-RING)
M	13	8T2224	4	BOLT-SOCKET HEAD			7W0525	1	KIT-JAW CLUTCH
	14	8T0727	2	BALL BEARING			7W0538	1	KIT-DRIVE HOUSING
	15	7W0533	1	SPACER					(INCL GASKET, O-RING, HOUSING, SEAL, BEARING, BOLTS AND WASHERS)
M	16	8T0726	1	BEARING-ROLLER			7W0540	1	KIT-SEAL & VANE
	17	7W0530	1	SPRING-RETURN					(INCL O-RINGS, VANE GASKET, SEALS AND WASHER)
	18	7W0529	1	CUP-SPRING					
	19	7W0535	1	COLLAR-DRIVE SHAFT					
	20	7W9656	1	PINION (12 TEETH)					
	21	8T2223	1	BOLT-SOCKET HEAD					
	22	7W0532	1	DRIVE SHAFT					
	23	607519	1	BALL BEARING					
	24	7W0531	1	SEAT-SPRING					
	25	7W0528	1	SPRING-CLUTCH					

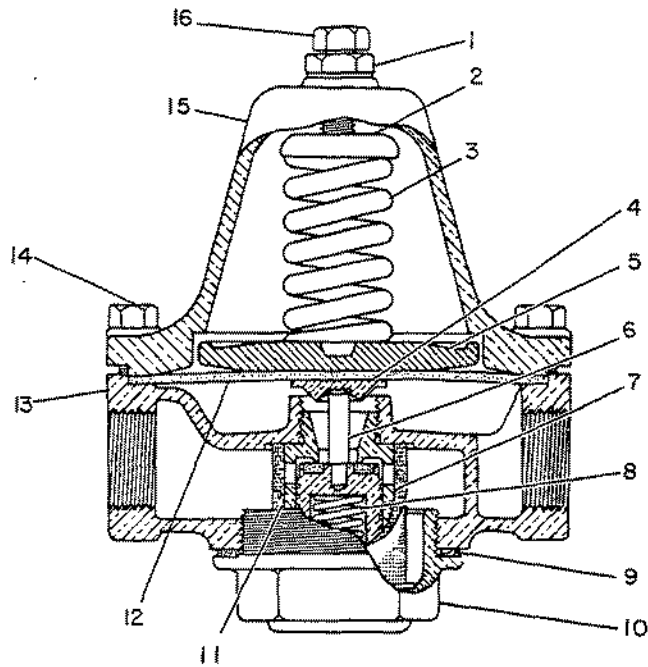
M-METRIC PART

B-350335 EP

1451

7W9655 STARTING MOTOR GP-AIR
Part Of 7W9654 Starting Motor
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1L9048	1	NUT-PLATED JAM
	2	1H9569	1	BUTTON-SPRING
	3	1L9049	1	SPRING-PRESSURE
	4	1L9060	1	BUTTON
	5	1H9572	1	PLATE-PRESSURE
	6	1L9064	1	PISTON AS
	7	7L8705	1	CYLINDER
	8	1L9067	1	SPRING-PISTON
	9	1H9580	1	GASKET-PLUG
	10	1L9069	1	PLUG AS-BOTTOM
	11	1L9066	1	SCREEN-STRAINER
	12	1L9063	1	DIAPHRAGM
	13	1L9068	1	BODY-VALVE
	14	1L9062	6	BOLT
	15	1L9061	6	NUT-PLATED FULL
	15	1L9059	1	HOUSING-SPRING
C	16	OTO320	1	BOLT

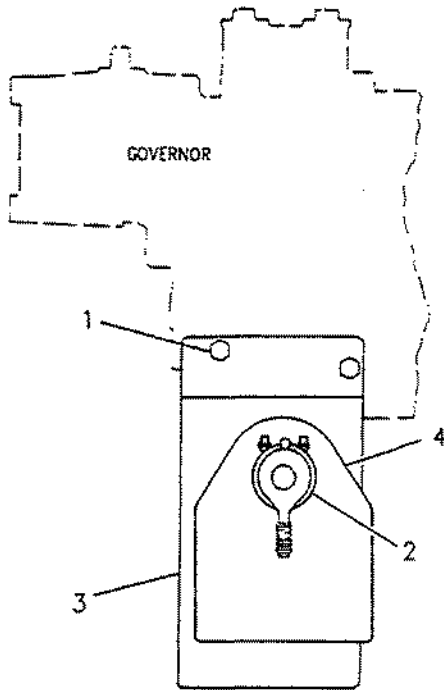
C-CHANGE FROM PREVIOUS TYPE

B-480235 EP

1462

1L5011 VALVE GP-STARTING AIR
Regulating & Pressure Reducing
For Use With Air Starting Motor
An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
CY	1	7B2742	2	BOLT
		5P0537	2	WASHER
	2	7N4160	1	SWITCH GP (HEAT START)
	3	4N5669	1	BRACKET
	4	1M3363	1	PLATE-INSTRUCTION

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

R-577628 EP

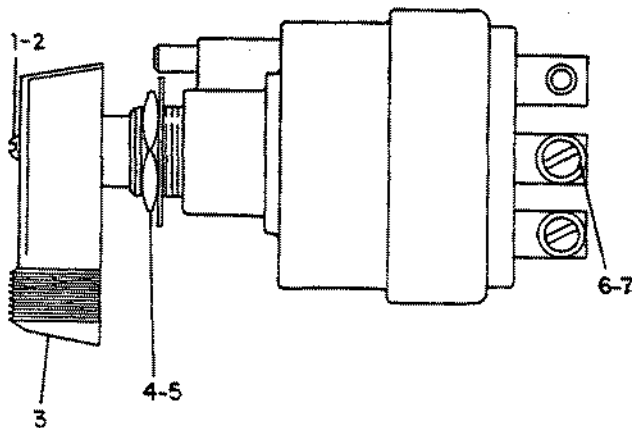
1416

4N7107 SWITCH GP-HEAT START

For Use With Glow Plugs

7N4160-Page 210

An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	5L7200	1	SCREW
	2	3B4501	1	LOCKWASHER
	3	8F3437	1	LEVER-SWITCH
C	4	8C6808	1	NUT
	5	7M0327	1	WASHER-THRUST
	6	6V8364	3	SCREW-MACHINE
	7	8F1434	3	LOCKWASHER

C-CHANGE FROM PREVIOUS TYPE

B-498187 EP

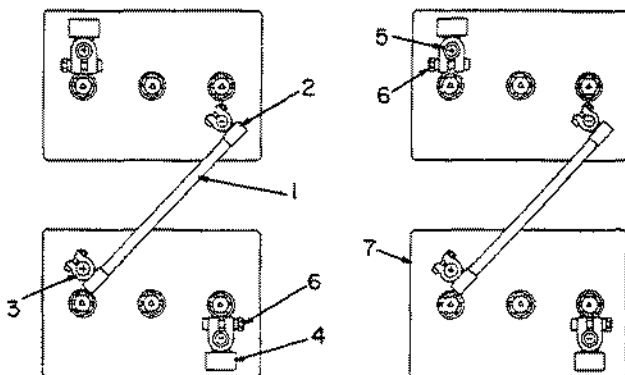
1412

7N4160 SWITCH GP-HEAT START

Part Of 4N7107 Switch-Heat Start

An Attachment

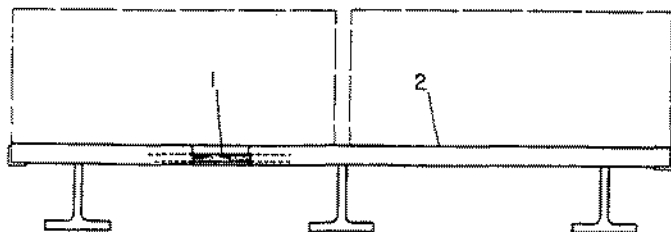
ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
BCE	1	1L5686	2	CABLE AS (EACH INCLUDES) CABLE (00 GAUGE)
	2	5P0747	1	TERMINAL AS (NEG)
	3	5M9205	1	TERMINAL AS (POS)
				(EA TERM AS INCL)
		1M6119	1	BOLT
C		1M6120	1	NUT
	4	5M9205	2	TERMINAL AS (NEG)
	5	5M9204	2	TERMINAL AS (POS)
				(EA TERM AS INCL)
	6	1M6119	1	BOLT
		1M6120	1	NUT
	7	9G4250	4	BATTERY (EACH INCLUDES)
		7G9383	3	VENT AS
B-USE AS REQUIRED C-CHANGE FROM PREVIOUS TYPE E-ORDER BY THE CENTIMETER				
B-320631 EP				

1401

7L7867 BATTERY GP-12 VOLT, 240 AMPERE
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3N7055	1	BOARD
	2	3N7054	1	SUPPORT AS-BATTERY
B-117968 EP				

7257

3N7056 SUPPORT GP-BATTERY
An Attachment

ELECTRICAL SYSTEM

4S8784 WIRE (NO. 6)--2 FOOT
 4S8785 WIRE (NO. 10)--10 FOOT
 4S8787 WIRE (NO. 14)--10 FOOT
 1 2L8052 TERMINAL (3/8" SCREW)
 2 2L8054 TERMINAL (1/2" SCREW)
 (USED WITH NO. 6 WIRE)
 4 2L8066 TERMINAL (NO. 10 SCREW)
 4 2L8068 TERMINAL (5/16" SCREW)
 1 2L8071 TERMINAL (1/2" SCREW)
 (USED WITH NO. 10 WIRE)
 4 2L8076 TERMINAL (NO. 10 SCREW)
 2 2L8081 TERMINAL (1/2" SCREW)
 (USED WITH NO. 14 WIRE)
 2 9F9203 CONNECTOR (3-1/8" LONG)
 2 1H5166 CLIP (3.50" LONG)
 1 4H8310 STRAP
 3 2L9724 CLIP (2.50" LONG)
 1 1L9899 MARKER (WIRECODE)
 6 8L8413 TIE (5.50" LONG)
 2 3S2093 TIE (7.31" LONG)
 2 6N2569 TERMINAL

315428 P

1408

3L6655 WIRING GP
 Part Of 9L5065 & 9L5066 Starting Motors
 An Attachment

21 2L8075 TERMINAL--NO. 8 SCREW
 4 2L9724 CLIP
 2 2L8081 TERMINAL-1.27 CM (.50 IN.) SCREW
 50 8L8413 TIE
 5P5624 WIRE (14 GAUGE)-12.2 M (480 IN.) *
 6 2L8065 TERMINAL--NO. 8 SCREW
 2 2L8079 TERMINAL-95 CM (.375 IN.) SCREW
 1 3N5681 TIE--CABLE (CLIP OF 50)
 1 532171 GROMMET
 4 7N7779 SOCKET
 4 7N7780 PIN
 3 7N9737 HOUSING
 1 7N7782 HOUSING
 6V2744 WIRE (18 GAUGE)-150 CM (59.05 IN.) #
 4 1H5166 CLIP
 4 2L8074 TERMINAL-NO. 6 SCREW
 2 8S4626 SPLICE-WIRE
 3 9G9151 CLIP
 2 9G9153 CLIP

* ORDER BY THE METER
 # ORDER BY THE CENTIMETER

490565 P

1408

4L1192 WIRING GP-SAFETY SHUT OFF
 An Attachment

ELECTRICAL SYSTEM

5P5675 WIRE (NO. 6) 2 M (5 FEET)
 5P5622 WIRE (NO. 10) 2 M (6 FEET)
 5P5624 WIRE (NO. 14) 11 M (35 FEET)
 2 2L8049 TERMINAL (NO. 10 SCREW)
 1 2L8052 TERMINAL (3/8" SCREW)
 2 2L8054 TERMINAL (1/2" SCREW) (USED WITH NO. 6 WIRE)
 2 2L8065 TERMINAL (NO. 8 SCREW)
 3 2L8067 TERMINAL (1/4" SCREW)
 2 2L8071 TERMINAL (1/2" SCREW) (USED WITH NO. 10-12 WIRE)
 2 2L8074 TERMINAL (NO. 6 SCREW)
 21 2L8076 TERMINAL (NO. 10 SCREW)
 2 2L8079 TERMINAL (3/8" SCREW) (USED WITH NO. 14 WIRE)
 2 5P1475 TERMINAL--SPRING SPADE (14-16 NO. 8 SCREW)
 2 5P1476 TERMINAL--SPRING SPADE (14-16 NO. 10 SCREW)
 2 5P1477 TERMINAL--SPRING SPADE (10-12 NO. 8 SCREW)
 2 5P1478 TERMINAL--SPRING SPADE (10-12 NO. 10 SCREW)
 1 5D5569 CONNECTOR--SEALING GRIP
 10 1H5166 CLIP (3.50" LONG)
 1 4L2791 MARKER
 2 2H2965 SPLICE--WIRE
 2 4H8310 STRAP--CONNECTOR
 6 2L9724 CLIP (2.50" LONG)
 2 5L2579 GROMMET--JUNCTION BOX
 3N0539 WIRE AS.
 1 6L8150 JUMPER--TERMINAL STRIP
 1 4S4455 CLIP
 75 8L8413 TIE (5.50" LONG)
 1 7N9737 HOUSING-PLUG
 1 3N5681 TIE--CABLE
 6 3S2093 TIE (7.31" LONG)
 3 8S4626 SPLICE--WIRE
 1 9G3671 HOUSING-PLUG
 1 7N9737 HOUSING-TO 2301 GOVERNOR ACTUATOR
 1 7N9737 HOUSING-TO AIR START SOLENOID VALVE
 1 7N7782 HOUSING-TO WATER TEMP SWITCH
 3 9G9151 CLIP SURE-SEAL
 1 9G9153 CLIP SURE-SEAL
 1 9G9155 CLIP SURE-SEAL
 1 532171 GROMMET-JUNCTION BOX

410791 P

1408

8L4849 WIRING GP-AUTOMATIC START/STOP
An Attachment

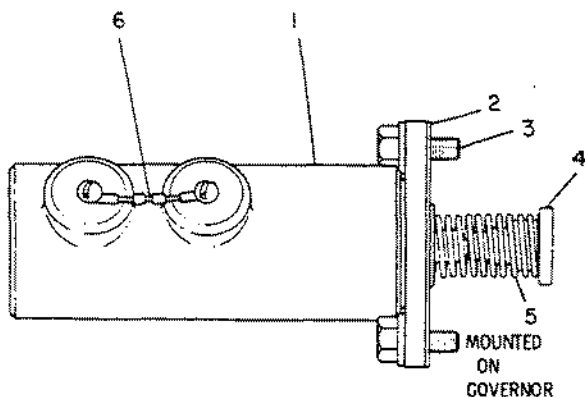
ELECTRICAL SYSTEM

5P5689 WIRE--(NO. 8 GAUGE)--2 M (7 FOOT)
 5P5675 WIRE--(NO. 6 GAUGE)--3 M (10 FOOT)
 6V2369 WIRE--(NO. 4 GAUGE)--3 M (10 FOOT)
 2 2L8049 TERMINAL--(NO. 10 SCREW)
 1 2L8050 TERMINAL--(1/4" SCREW)
 2 2L8052 TERMINAL--(3/8" SCREW)
 3 2L8054 TERMINAL--(1/2" SCREW)
 (USED WITH NO. 6 WIRE)
 2 2L8057 TERMINAL--(NO. 10 SCREW)
 1 2L8058 TERMINAL--(1/4" SCREW)
 2 2L8060 TERMINAL--(3/8" SCREW)
 3 2L8061 TERMINAL--(1/2" SCREW)
 (USED WITH NO. 8 WIRE)
 2 9G4342 TERMINAL--(NO. 10 SCREW)
 1 9G4343 TERMINAL--(1/4" SCREW)
 3 9G4344 TERMINAL--(1/2" SCREW)
 2 9G4336 TERMINAL--(3/8" SCREW)
 (USED WITH NO. 4 WIRE)
 2 3S2093 TIE (7.31" LONG)
 2 8L8413 TIE (5.50" LONG)
 2 2L9724 CLIP (2.50" LONG)
 1 1L9899 MARKER--(WIRE CODE)
 1 4L2791 MARKER

99887 P

1405

1N8509 WIRING GP
 Part Of 3N4667 Alternator
 An Attachment



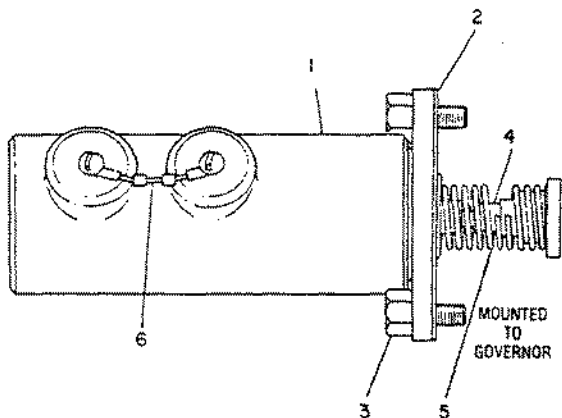
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6N7035	1	SOLENOID GP (SHUT-OFF)
C		6V8376	2	SCREW-MACHINE
C		9B7233	2	LOCKWASHER
	2	4N0117	1	GASKET-SOLENOID
	3	OS1615	2	BOLT
C	4	7N9635	1	SHAFT-GOVERNOR CONTROL
	5	9L6588	1	SPRING
C	6	1W9070	1	DIODE AS
C		7N9194	2	TERMINAL
C-CHANGE FROM PREVIOUS TYPE				

B-454743 EP

7418

6N6873 SHUT-OFF GP-ELECTRIC-24 VOLT
 Cannot Be Used With Woodward Governor
 An Attachment

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6N3748	1	SOLENOID GP
		6V8376	2	SCREW-MACHINE
		9B7233	2	LOCKWASHER
	2	4N0117	1	GASKET-SOLENOID
	3	OS1615	2	BOLT
C	4	7N9635	1	SHAFT-GOVERNOR CONTROL
	5	9L6588	1	SPRING
C	6	1W9070	1	DIODE AS

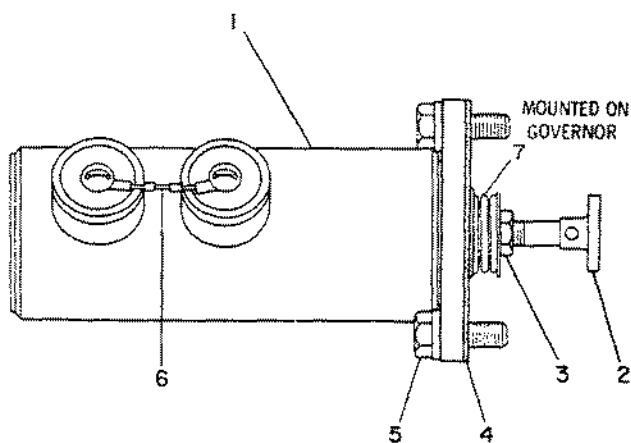
C-CHANGE FROM PREVIOUS TYPE

B-454737 EP

7418

6N6874 SHUT-OFF GP-ELECTRIC-12 VOLT

Energized To Run
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6N7035	1	SOLENOID GP
C		6V8376	2	SCREW-MACHINE
C		9B7233	2	LOCKWASHER
	2	6N0591	1	SHAFT-GOVERNOR CONTROL
	3	9M1311	1	NUT-JAM
	4	4N0117	1	GASKET-SOLENOID
	5	OS1615	2	BOLT
		5P0537	2	WASHER
C	6	1W9070	1	DIODE AS
C		7N9194	2	TERMINAL
C	7	7N9966	1	SPRING
C		5U9105	1	WASHER

C-CHANGE FROM PREVIOUS TYPE

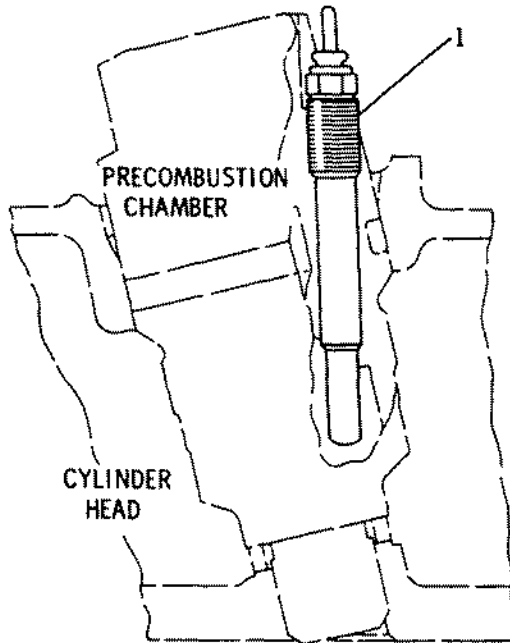
B-454736 EP

7418

6N9958 SHUT-OFF GP-ELECTRIC-24 VOLT

Energized To Shut-Off Solenoid
Not For Use With Woodward Governor
An Attachment

ELECTRICAL SYSTEM

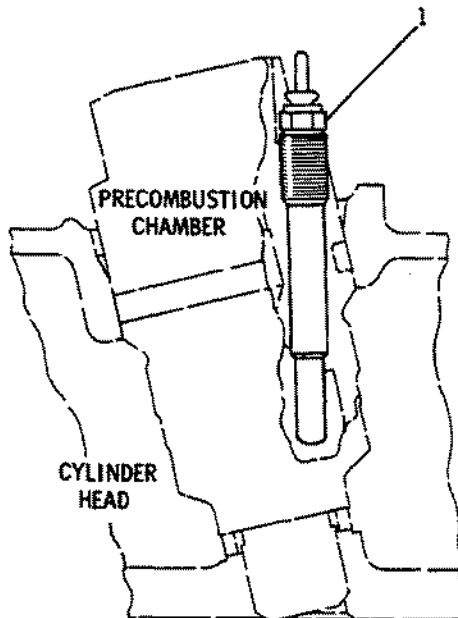


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3T8705	1	PLUG-GLOW

B-489276 EP

1412

6N0981 PLUG GP-GLOW-12 VOLT
An Attachment



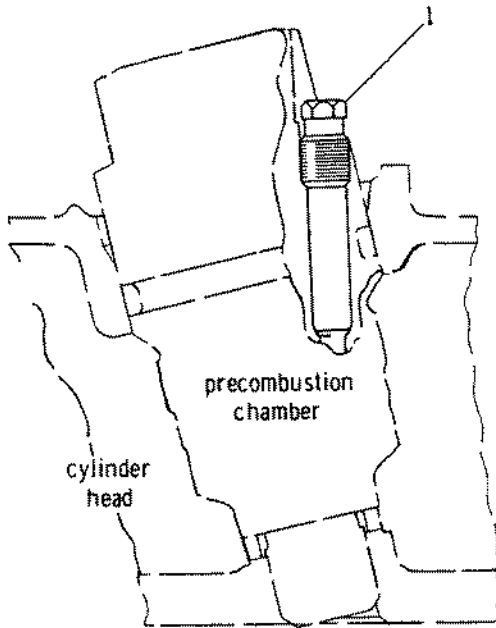
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3T8706	2	PLUG-GLOW

R-518564 EP

1412

6N1058 PLUG GP-GLOW-24 VOLT
An Attachment

ELECTRICAL SYSTEM

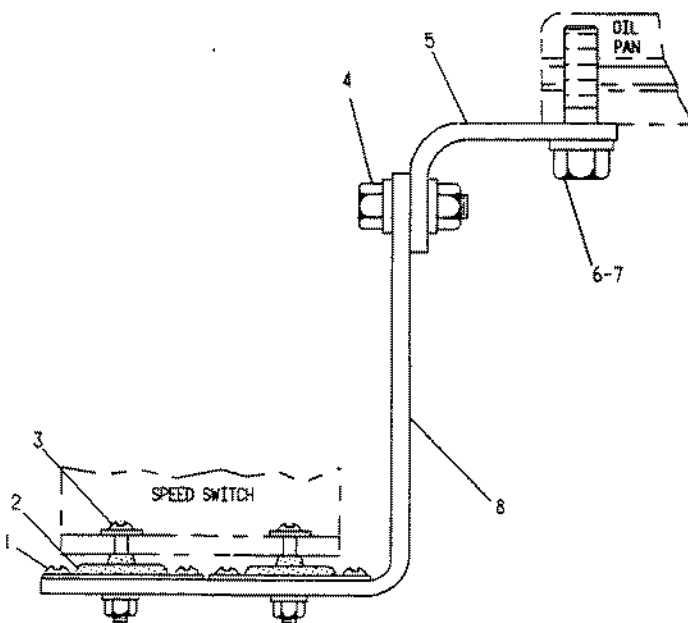


NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	4N4122	2	PLUG
C-CHANGE FROM PREVIOUS TYPE				

B-203033 EP

1412

3N3892 GLOW PLUG GP



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	4S8264	8	RIVET-POP
	2	8N9300	4	MOUNT AS
	3	3K8106	4	SCREW-MACHINE
		4B2043	4	NUT
		4B4863	8	WASHER
	4	4F7957	2	BOLT
C		9S8750	2	NUT-FULL
C		9S8750	2	NUT-FULL
		5P0537	4	WASHER
	5	5N7192	1	PLATE
B	6	OS1591	2	BOLT 9.53MM(.375IN) X 38.1MM(1.5IN)LG
B		1A2029	2	BOLT 9.53MM(.375IN) X 28.6MM(1.25IN)LG
B	7	OS1585	2	BOLT 12.7MM(.5IN) X 38.1MM(1.5IN)LG
		5P8245	2	WASHER
	8	5N7191	1	PLATE

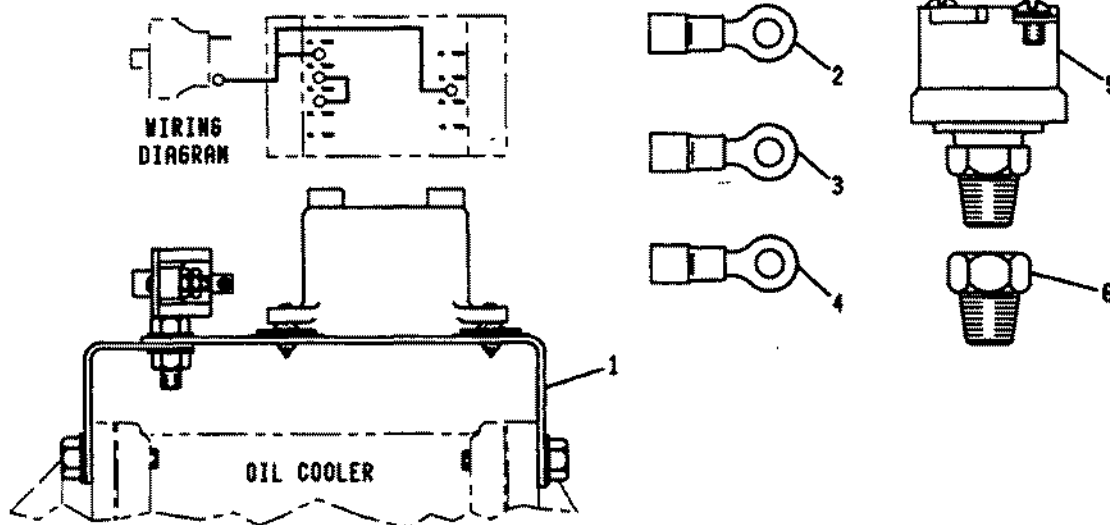
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE

C-349660 EP

1153

5N8952 MOUNTING GP-SPEED SWITCH
Field Installation

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
Y	1	2W6385	1	MOUNTING GROUP
	2	2L8075	12	TERMINAL(NO.8 SCREW)
	3	2L8064	6	TERMINAL(NO.6 SCREW)
	4	2L8078	6	TERMINAL(.313 SCREW)
	5	7N5946	1	SWITCH (PRESSURE)
D	6	4M5317	1	BUSHING
		5P5624 SMHS8082	1	THE FOLLOWING WIRE IS AVAILABLE: WIRE (14 GAUGE) FORM (INSTALLATION OF TIME DELAY CONVERSION GROUP)

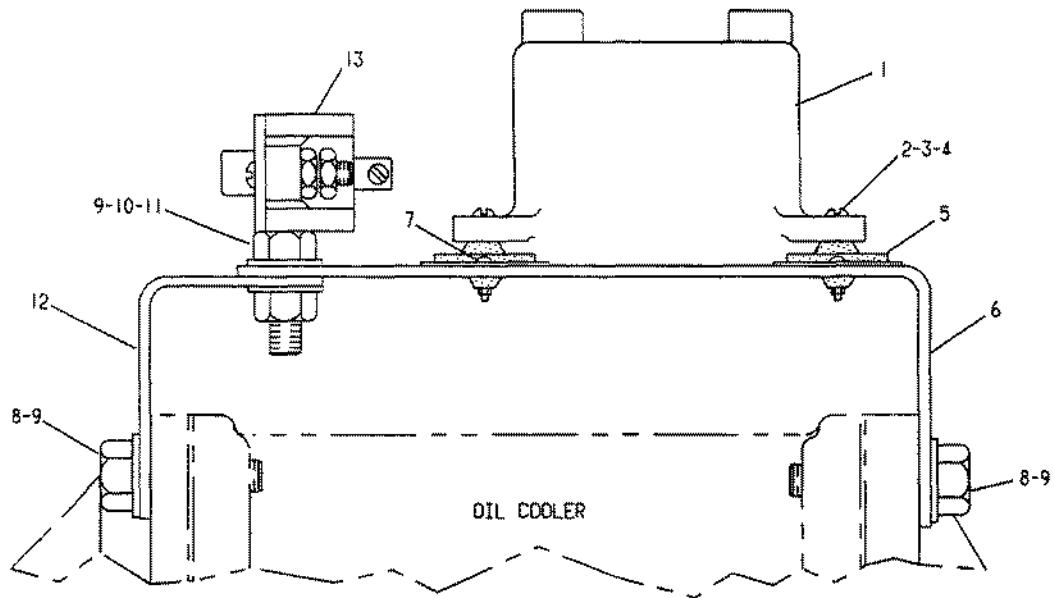
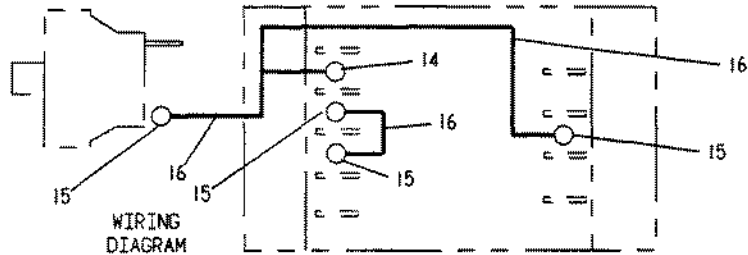
Y-SEPARATE ILLUSTRATION

D-ORDER BY THE METER

■ 305806

A-305806 EP

ELECTRICAL SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	4W8471	1	RELAY-TIME DELAY					
C	2	3K8106	6	SCREW-MACHINE					
	3	4B2043	4	NUT					
	4	4B4863	8	WASHER					
	5	8N9300	4	MOUNT AS					
	6	5N8021	1	BRACKET					
C	7	4S8264	8	RIVET-POP					
	8	3B1915	3	BOLT					
	9	5M2894	5	WASHER					
	10	OL1351	1	BOLT					
C	11	9S8752	1	NUT-FULL					
	12	5N8267	1	BRACKET					
C	13	6T3643	1	CIRCUIT BREAKER AS (15 AMP)					
		6V8376	2	SCREW-MACHINE					
		9B7233	2	LOCKWASHER					
	14	2L8064	1	TERMINAL					
	15	2L8075	4	TERMINAL					
BD	16	5P5624		WIRE (14 GA)					

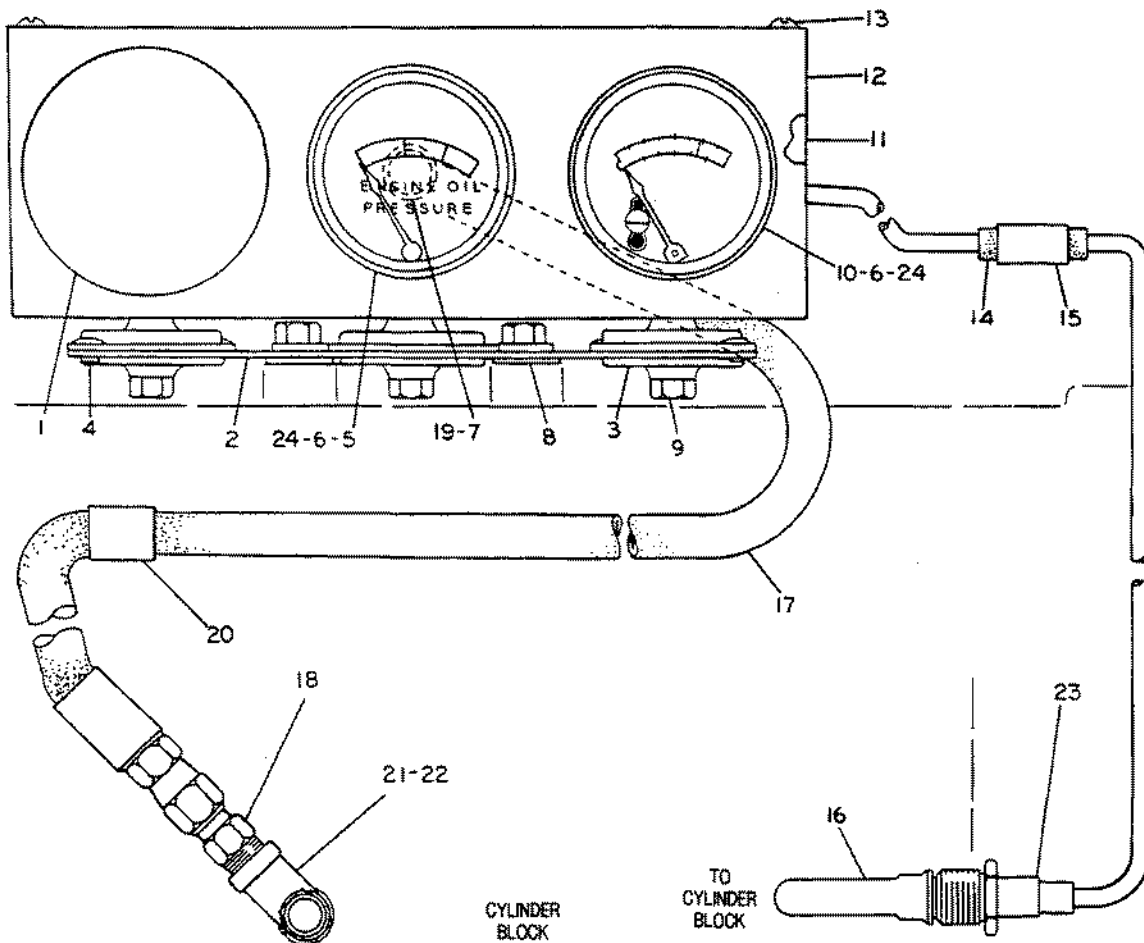
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER

C-407521 EP

7418

2W6385 MOUNTING GP-TIME DELAY
Part Of 2W6384 Conversion

GAUGES AND INSTRUMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	1L6561	1	PLUG	B	22	5M6213	1	PLUG
	2	2N5848	1	BASE AS	B	23	8B2664	1	BUSHING-REDUCER
	3	7H4155	3	MOUNT-SHOCK		24	6V3507	2	SEAL-RECTANGULAR
	4	2N2258	6	RIVET-POP					
	5	2W3681	1	INDICATOR (OIL PRESSURE)					
	6	2N0794	2	RETAINER					
	7	2N1287	1	ELBOW-FLARED					
	8	2H3755	2	BOLT					
	9M	1974	2	WASHER-HARD					
	4B	4277	2	WASHER					
C	9	9F6580	3	BOLT					
	1B	4330	3	NUT					
	10	2W3671	1	INDICATOR-TEMPERATURE (WATER TEMP)					
	11	2N0179	1	COVER-PANEL					
	12	2N0178	1	PANEL					
	13	557348	2	SCREW-MACHINE					
	4B	2041	2	NUT					
	14	8F0244	1	GROMMET					
	15	3L2875	1	CLIP					
	16	6H6699	1	ADAPTER					
B	17	3P6048	1	HOSE AS 96.5CM(38IN)					
	18	4S6399	1	CONNECTOR					
	19	3B6487	1	COUPLING					
	20	4K8864	1	CLIP					
	21	2D7325	1	TEE					

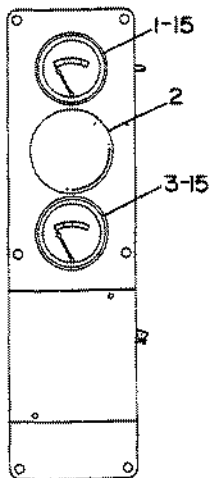
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE

B-319159 EP

7451

2N2259 PANEL GP-INSTRUMENT
An Attachment

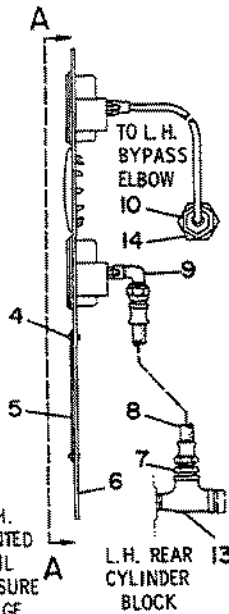
GAUGES AND INSTRUMENTS



VIEW A-A



L.H. MOUNTED
OIL
PRESSURE
GAUGE



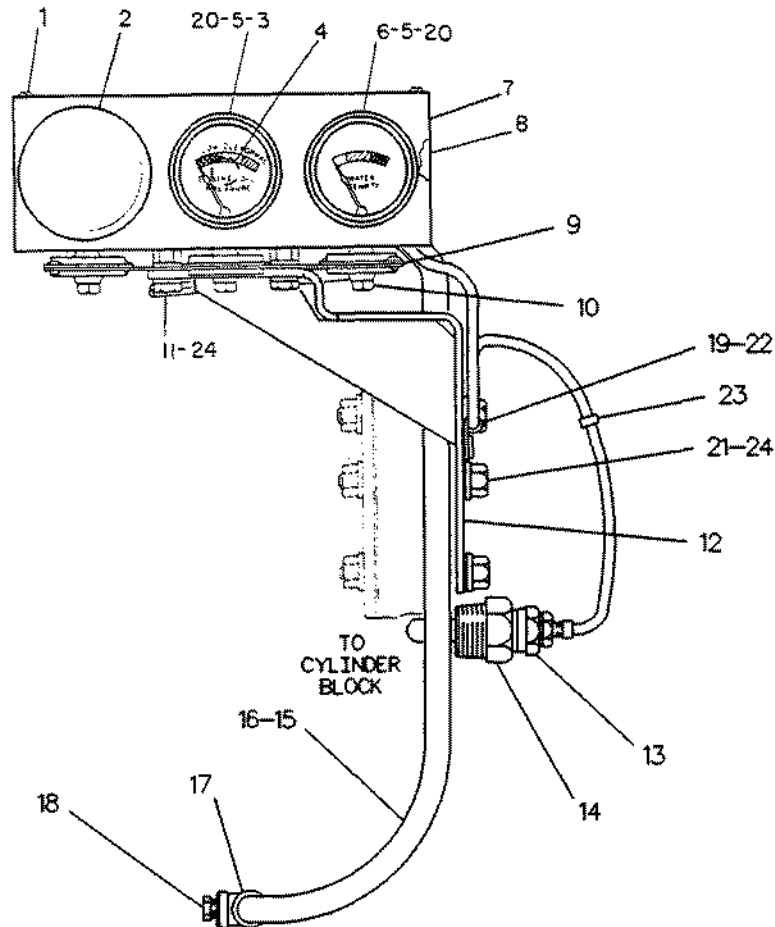
NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	2W3673	1	INDICATOR (WATER TEMP)
B	2	1L6561	1	PLUG
C	3	2W3681	1	INDICATOR (ENG OIL TEMP)
	4	7B3028	2	SCREW-DRIVE
	5	2N1874	1	STRIP
	6	4L4213	1	PANEL-GAUGE
J	7	4M5317	1	BUSHING-TERMINAL
J	8	3N4792	1	HOSE AS
	9	3S1099	1	ELBOW-FLARED
	10	6H6699	1	ADAPTER
L	11	3N7233	1	HOSE AS
L	12	6K1019	1	NIPPLE-PIPE
	13	3L6521	1	TEE-SERVICE
	14	8B2664	1	BUSHING-REDUCER
	15	2N0794	2	RETAINER
		6V3507	2	SEAL-RECTANGULAR
				J-USED WITH RH MTD OIL PRESS GAUGE
				L-USED WITH LH MTD OIL PRESS GAUGE
B-USE AS REQUIRED				
C-CHANGE FROM PREVIOUS TYPE				

B-408229 EP

7451

3N6574 PANEL GP-INSTRUMENT
An Attachment

GAUGES AND INSTRUMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5S7348	2	SCREW-MACHINE	B	23	3S2093	5	STRAP-CABLE
	2	4B2041	2	NUT		24	5M2894	4	WASHER
	3	1L6561	1	PLUG					
C	4	2W3681	1	INDICATOR (OIL PRESS)					
C	5	2L6094	1	ELBOW					
	6	2N0794	2	RETAINER					
C	7	2W3670	1	INDICATOR (TEMP WATER)					
	8	2N0178	1	PANEL					
	9	2N0179	1	COVER-PANEL					
	10	2N5848	1	BASE AS					
	11	9F6580	3	BOLT					
	12	1B4330	3	NUT (FULL)					
	13	OS1594	2	BOLT					
	14	1D4717	2	NUT (FULL)					
	15	8N2584	1	BRACKET AS					
	16	6H6699	1	ADAPTER					
I	17	8B2664	1	BUSHING-REDUCER					
	18	5C5881	1	HOSE AS					
	19	8L6557	1	CONNECTOR					
	20	5P3422	1	TEE-PIPE					
	21	3B8822	1	ELBOW					
	22	5M6214	1	PLUG-PIPE					
	23	6K8179	1	CLIP					
CB	24	6V3507	2	SEAL-RECTANGULAR					
B	25	OL1143	3	BOLT					
	26	5M2894	4	WASHER					

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
I-SEE HOSE FABRICATION GUIDE

F-508247 EP

7451

8N2586 PANEL GP-INSTRUMENT (RH)

For Use With Engines Built With Top Mounted Turbocharger
An Attachment

GAUGES AND INSTRUMENTS

NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7W2936	1	INDICATOR (ENG OIL PRESSURE)
	2	9X1124	1	SENDER AS (ENG OIL PRESSURE)
	3	6V8378	1	NUT
		4B4274	1	WASHER
		8F1434	1	LOCKWASHER
	4	7W2061	1	INDICATOR (WATER TEMPERATURE)
	5	4M5317	1	BUSHING-TERMINAL
	6	3L6521	1	TEE-SERVICE
	7	2L3402	1	SWITCH AS (OIL PRESSURE INDICATOR)
		6V8376	2	SCREW-MACHINE
	8	5L7443	1	SENDER (WATER TEMPERATURE)
	9	6B5072	1	BUSHING-TERMINAL

B-532168 EP

7455 5L9894 GAUGE GP-OIL PRESSURE & WATER TEMPERATURE - 12 VOLT
An Attachment

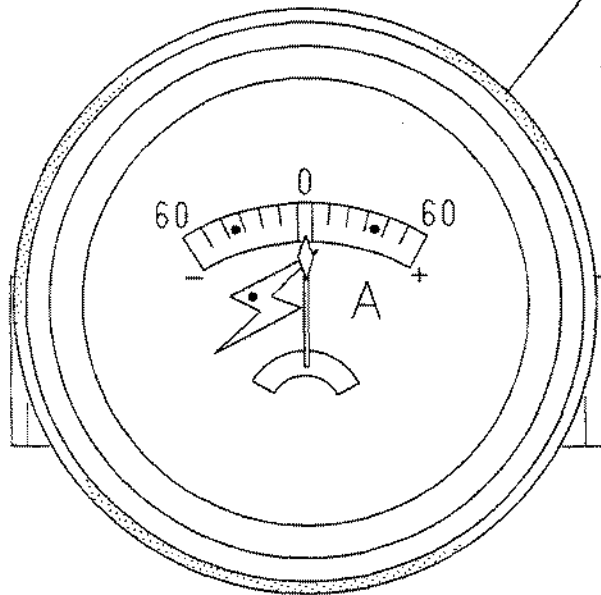
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7W2937	1	INDICATOR AS
	2	5L7441	2	RESISTOR UNIT
	3	9X1124	1	SENDER AS (ENG OIL PRESSURE)
		4B4274	1	WASHER
		6V8378	1	NUT
		8F1434	1	LOCKWASHER
	4	6B5072	1	BUSHING-TERMINAL
	5	7W2060	1	INDICATOR
	6	4M5317	1	BUSHING-TERMINAL
	7	3L6521	1	TEE-SERVICE
	8	2L3402	1	SWITCH AS (OIL PRESSURE INDICATOR)
		6V8376	2	SCREW-MACHINE
	9	5L7442	1	SENDING UNIT (WATER TEMPERATURE)

B-USE AS REQUIRED

B-532169 EP

7455 5L9895 GAUGE GP-OIL PRESSURE & WATER TEMPERATURE
24-32 Volt
An Attachment

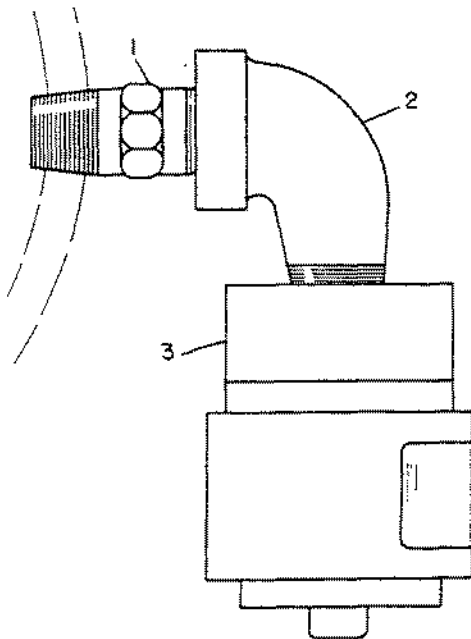
GAUGES AND INSTRUMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6V3507	1	SEAL-RECTANGULAR
A-316997 EP				

7467

8M7892 GAUGE AS-AMMETER
An Attachment

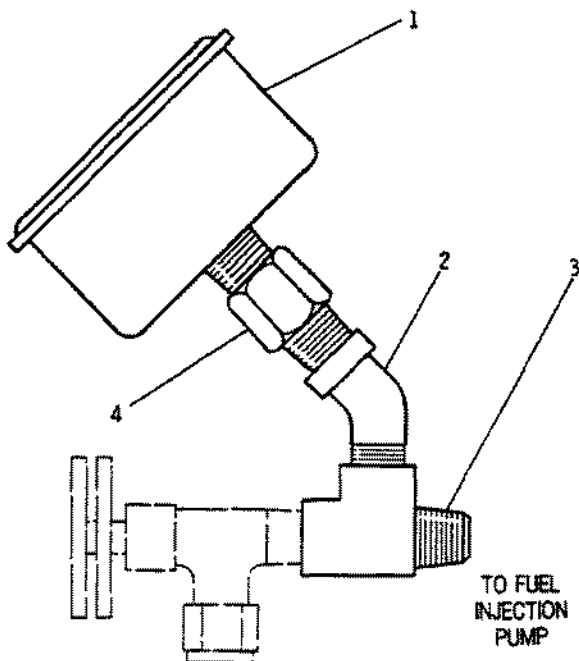


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5L3233	1	FITTING
	2	3B6552	1	ELBOW
	3	7SO687	1	INDICATOR
B-504594 EP				

7452

2N3322 GAUGE GP-AIR CLEANER
An Attachment

GAUGES AND INSTRUMENTS



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
C	1	2W3687	1	INDICATOR (FUEL PRESSURE)
	2	8L5008	1	ELBOW
	3	5P3422	1	TEE
	4	6K6967	1	ADAPTER

C INDICATES CHANGE

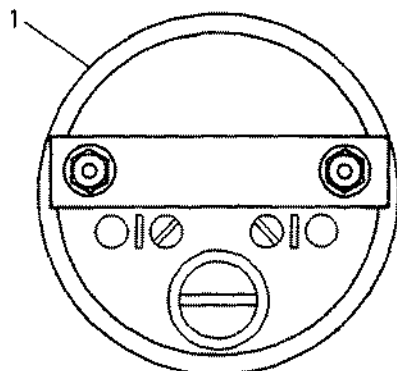
309509

309509 EP

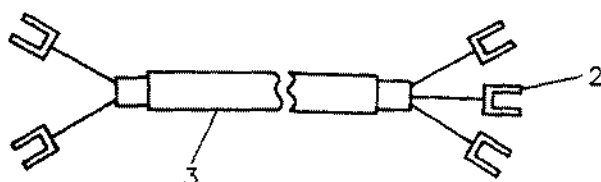
7455

8N6820 GAUGE GP-FUEL
For Use With Watercooled Or Shielded Manifolds
An Attachment

GAUGES AND INSTRUMENTS



REAR VIEW



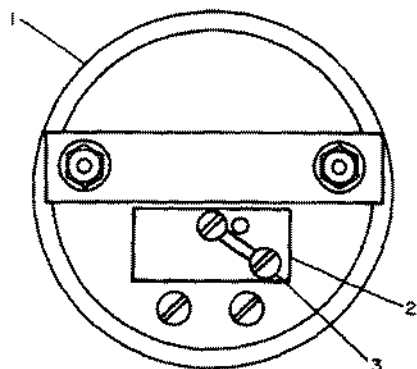
NOTE	REF NO	PART NUMBER	QTY	PART NAME
E	1	9X1117	1	TACHOMETER
	2	9G3186	5	TERMINAL-SPADE
	3	6V2744		WIRE (18 GA) 366CM

E-ORDER BY THE CENTIMETER

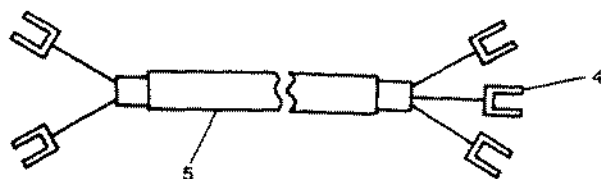
R-489151 EP

7462

7E3157 TACHOMETER GP-ELECTRIC
An Attachment



REAR VIEW



NOTE	REF NO	PART NUMBER	QTY	PART NAME
E	1	3T2159	1	TACHOMETER
	2	3T2161	1	BOARD (PROGRAMMING)
	3	9B7242	2	SCREW-MACHINE
	4	9G3186	5	TERMINAL-SPADE
	5	6V2744		WIRE 366CM(144.1IN.)
		5N8749	1	DIAGRAM-WIRING

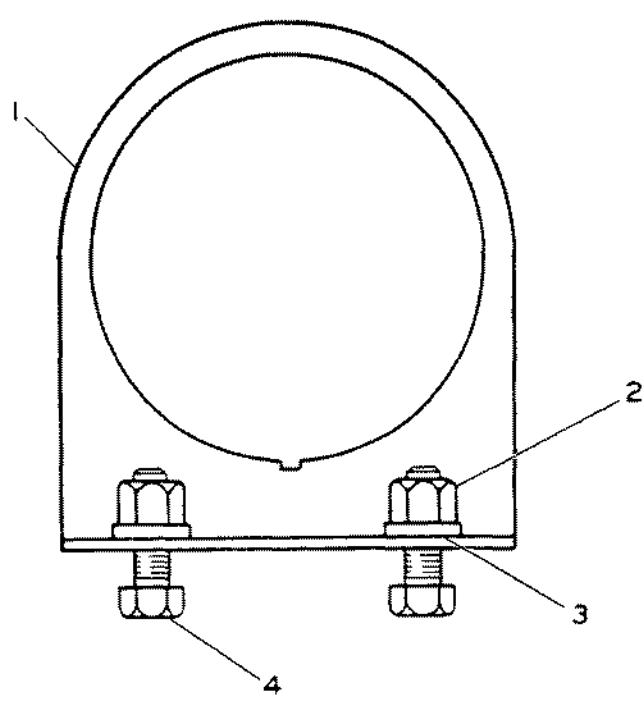
E-ORDER BY THE CENTIMETER
F-NOT SHOWN

V-460889 EP

7462

5N8751 TACHOMETER GP-ELECTRIC
156 Tooth Pick-Up
An Attachment

GAUGES AND INSTRUMENTS

	NOTE	REF NO	PART NUMBER	QTY	PART NAME
		1	7L4536	1	BRACKET-TACHOMETER
		2	6V8189	2	NUT
		3	8T4224	2	WASHER-HARD
		4	5K0906	2	BOLT
B-514327 EP					

7462

7L4535 MOUNTING GP-TACHOMETER

For Engine Mounted Mechanical Tachometers
An Attachment

NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4N6657	1	METER GP-SERVICE
C	2	8H3127	2	BOLT
	3	9S0211	2	CLAMP-METER
C	4	4M8303	1	SEAL-O-RING
	5	4N0538	1	COUPLING
C	6	9S9332	1	FITTING-ELBOW
BCD	7	5P6010	1	TUBE
	8	8M2772	1	CLIP
				THE FOLLOWING REPAIR KITS ARE AVAILABLE:
		1P4923	1	KIT-SERVICE METER (INCLUDES WINDOW, SCREWS & GASKET)
C		8N2112	1	KIT-COVER (INCLUDES COVER AS, WINDOW, GASKET AND SCREWS)

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

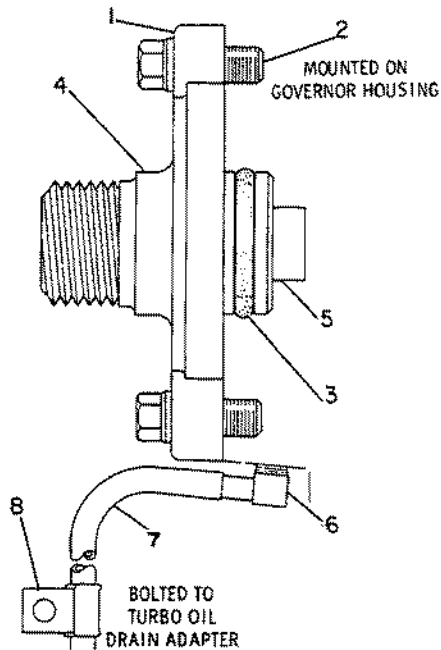
B-347698 EP

7478

4N6656 METER GP-SERVICE

An Attachment

GAUGES AND INSTRUMENTS



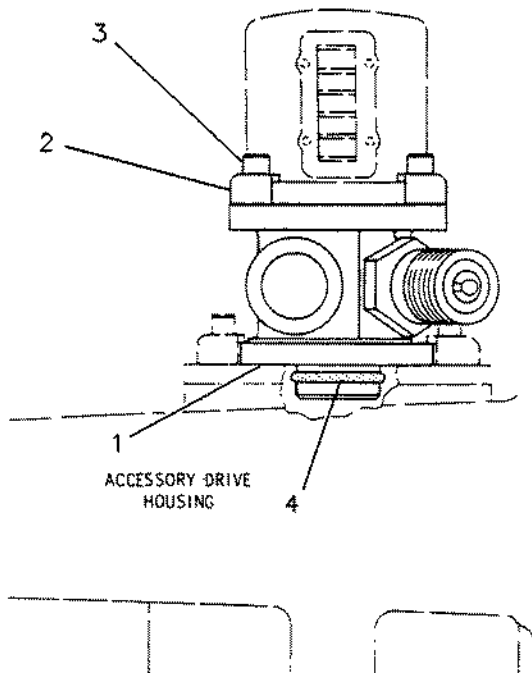
NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	9S0211	2	CLAMP-METER
	2	OS1615	2	BOLT
	3	4M8303	1	SEAL-O-RING
	4	1W2316	1	ADAPTER AS-DRIVE
CD	5	4N0538	1	COUPLING
	6	9S9332	1	FITTING-ELBOW
	7	5P6010		TUBE .28M(11IN)
	8	8M2772	1	CLIP

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

B-232809 EP

7487

9L5867 DRIVE GP-TACHOMETER
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	1W4581	1	ADAPTER AS
	2	9S0211	2	CLAMP-METER
	3	8H3127	2	BOLT
	4	4M8303	1	SEAL-O-RING

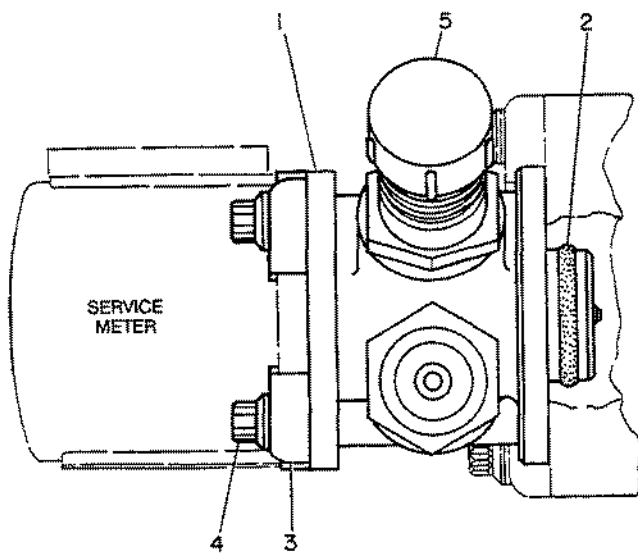
C-CHANGE FROM PREVIOUS TYPE

R-488914 EP

7487

4N1402 DRIVE GP-TACHOMETER (SINGLE)
An Attachment

GAUGES AND INSTRUMENTS



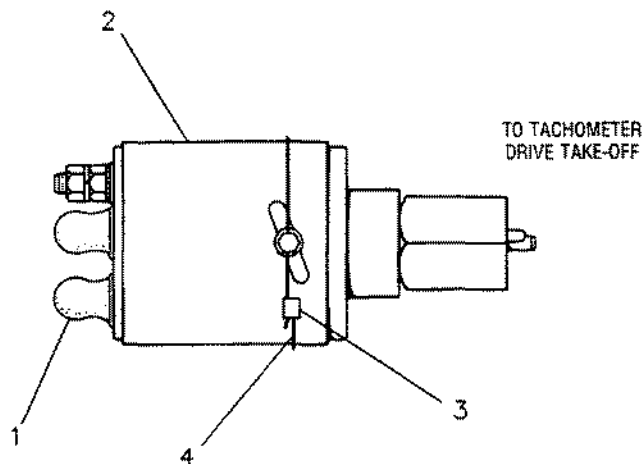
NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	1W4580	1	ADAPTER AS
	2	4M8303	1	SEAL-O-RING
	3	9S0211	2	CLAMP-METER
	4	9S5033	2	BOLT-12 POINT HEAD
	5	7M7644	1	CAP-PROTECTION

B-USE AS REQUIRED

B-345428 EP

7487

4N5675 DRIVE GP-TACHOMETER (DUAL)
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	1H4560	2	NIPPLE-PLUG
	2	3N4026	1	CONTACTOR (OVERSPEED)
	3	5M1822	3	WASHER
	4	5H9942	1	SEAL
		5P6025		LOCKWIRE .305M

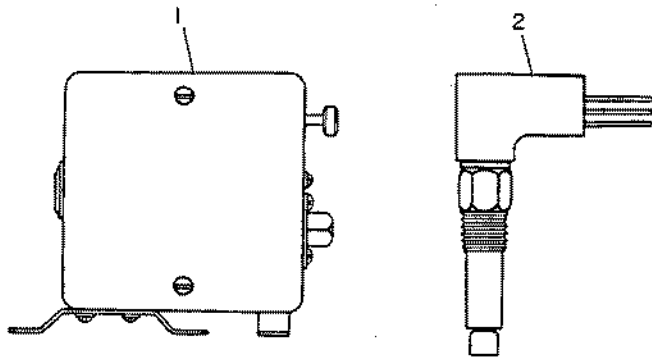
C-CHANGE FROM PREVIOUS TYPE

R-510958 EP

7487

7L7367 CONTACTOR GP-OVERSPEED
For Use With Engines Rated 1600-2950 Equipped
With Tachometer Drive
An Attachment

GAUGES AND INSTRUMENTS



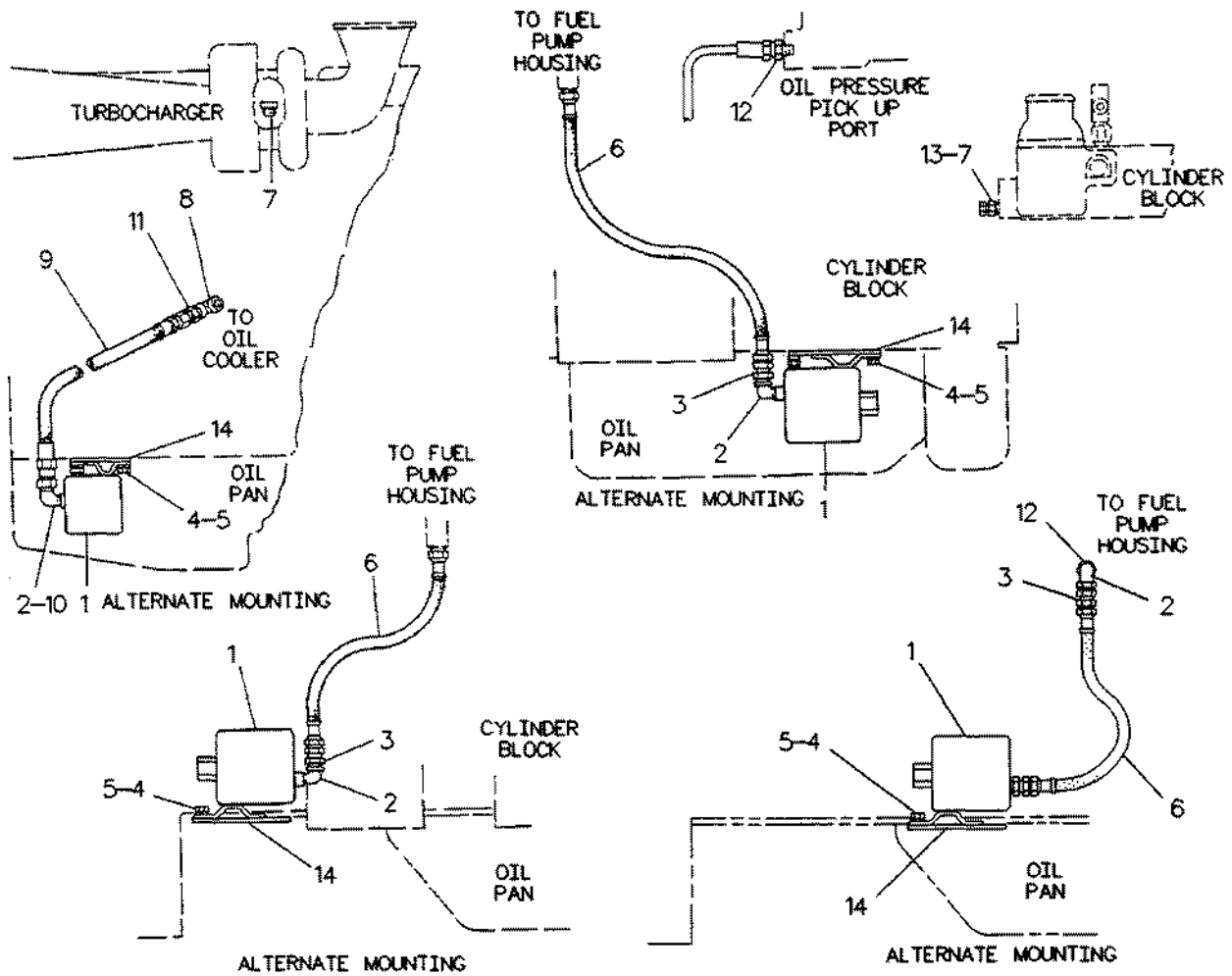
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	2N6955	1	SWITCH (OIL PRESSURE)
	2	5N8857	1	CONTACTOR AS-WATER TEMP
		2B0858	1	PLUG-PIPE
		7N7779	1	SOCKET
		7N7780	2	PIN-CONNECTOR
		7N7781	1	HOUSING-RECEPTACLE

B-493240 EP

7407

3N6867 CONTACTOR GP-OIL PRESSURE & WATER TEMPERATURE
An Attachment

GAUGES AND INSTRUMENTS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3N7443	1	SWITCH-PRESSURE					
	2	3B6552	1	ELBOW					
B	3	2R1922	1	CONNECTOR					
	4	6V1322	3	BOLT					
	5	8T4205	3	WASHER-HARD					
I	6	3N7243	1	HOSE AS					
	7	3N7529	1	CONTACTOR-TEMPERATURE					
	8	1F9369	1	TEE-SERVICE					
I	9	3N7233	1	HOSE AS					
	10	5K5068	1	NIPPLE					
	11	3B9400	1	CONNECTOR-FLARED					
B	12	4M5317	1	BUSHING-TERMINAL					
B	13	8B2664	1	BUSHING-REDUCER					
	14	3N6245	1	PLATE-MOUNTING					

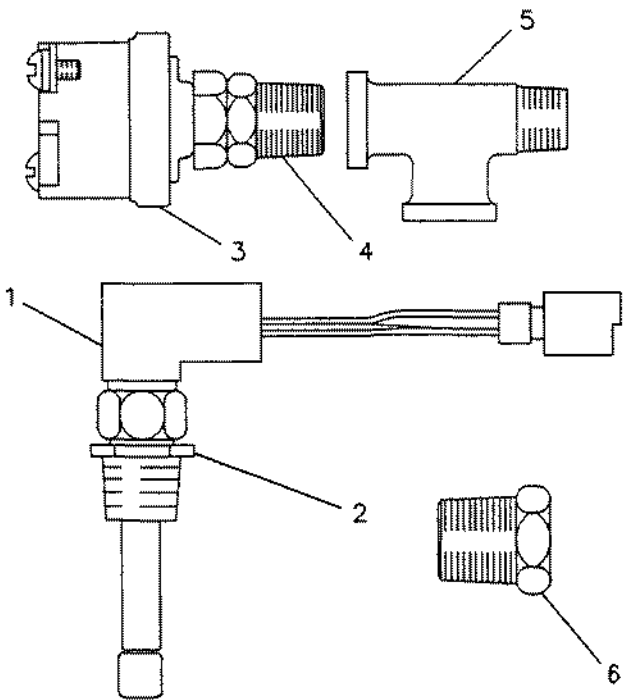
B-USE AS REQUIRED
I-SEE HOSE FABRICATION GUIDE

R-526752 EP

7407

3N8790 CONTACTOR GP-PRE-ALARM
For Use With Package Generator Sets
An Attachment

GAUGES AND INSTRUMENTS



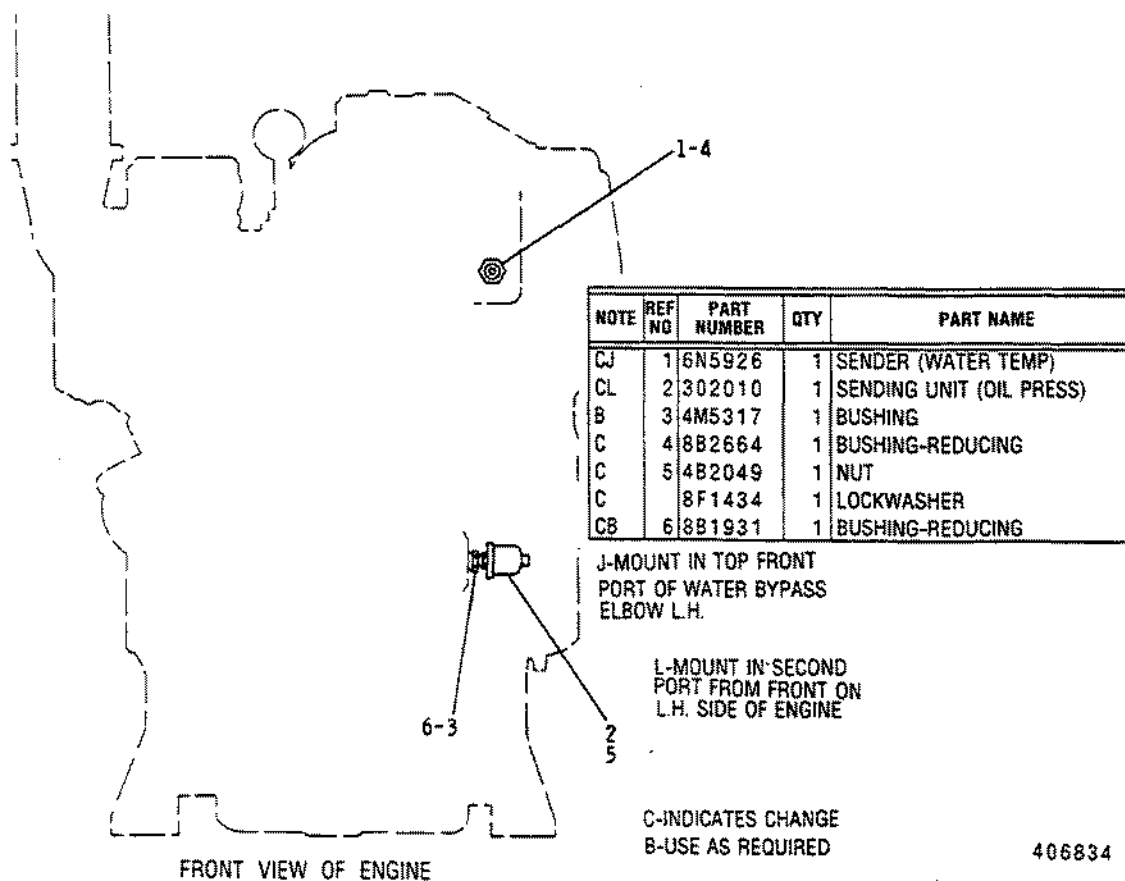
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5N8857	1	CONTACTOR AS-WATER TEMP
		7N7781	1	HOUSING-RECEPTACLE
		7N7779	1	SOCKET
		7N7780	2	PIN-CONNECTOR
B	2	5B4855	1	BUSHING-REDUCER
	3	7N5946	1	SWITCH (OIL PRESSURE)
B	4	4M5317	1	BUSHING-TERMINAL
BC	5	5P3422	1	TEE-PIPE
	6	8B2664	1	BUSHING-REDUCER

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE

F-567206 EP

7417 5N8518 CONTACTOR GP-OIL PRESSURE & WATER TEMPERATURE
An Attachment

GAUGES AND INSTRUMENTS

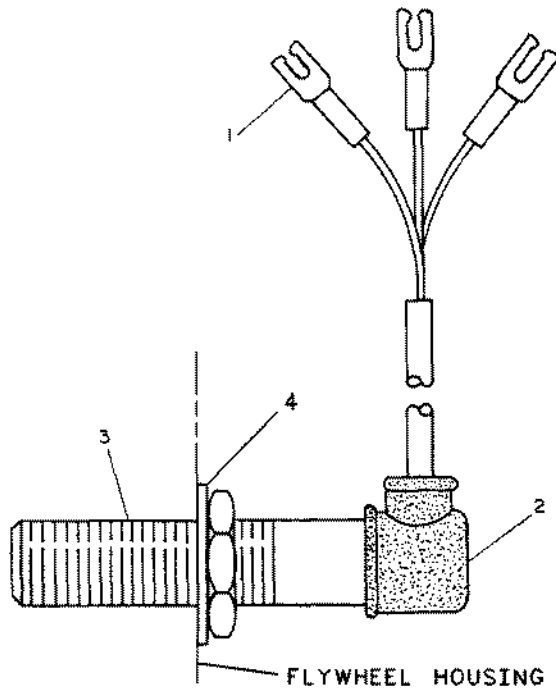


406834 EP

7455

3N6998 SENDER GP
An Attachment

GAUGES AND INSTRUMENTS



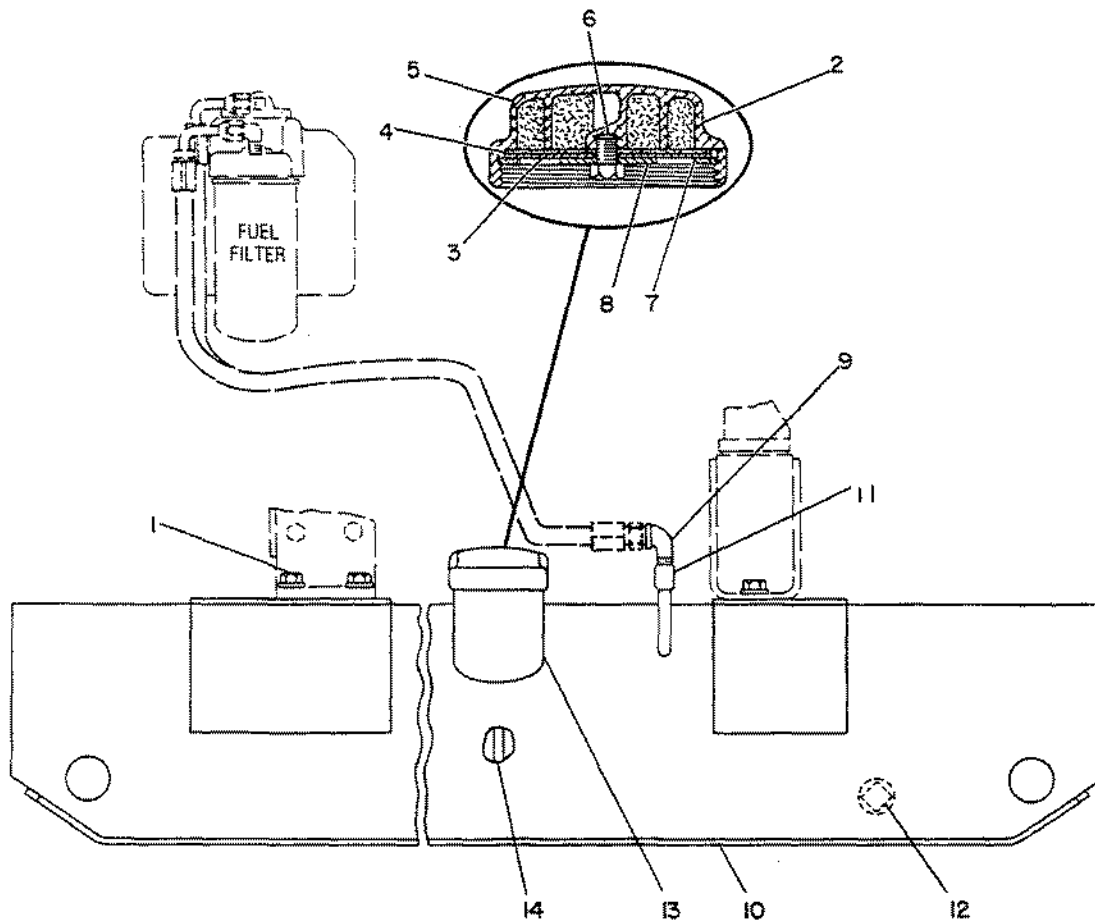
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9G3186	3	TERMINAL-SPADE
	2	6L3483	1	COVER-TERMINAL
	3	5N6753	1	MAGNETIC PICKUP AS
	4	4B4281	1	WASHER

R-577614 EP

7462

5N8757 MAGNETIC PICKUP GP
An Attachment

ENCLOSURES, GUARDS AND BASES



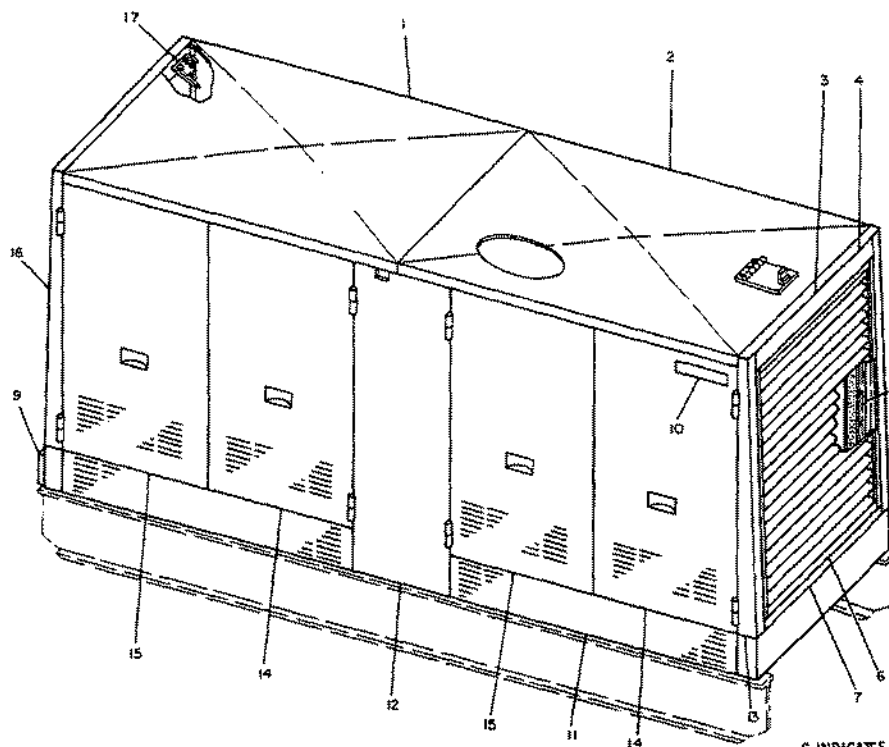
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1A1135	6	BOLT					
		4D3704	12	WASHER-HARD					
		1D4720	6	NUT					
	2	4B5441	1	CAP AS-FILLER					
	3	3F4134	1	BAFFLE-CAP					
	4	4B5423	1	GASKET-BAFFLE					
	5	4B5949	2	ELEMENT-FILTER					
	6	3H8389	1	SCREW-FILLER CAP					
	7	2A1763	1	GASKET-CAP					
	8	7B2002	1	WASHER					
	9	4B6067	2	ELBOW-STREET					
	10	4L2912	1	TANK & BASE AS-FUEL					
	11	5B1309	2	COUPLING-PIPE					
	12	3B0342	1	PLUG-PIPE					
	13	5L8259	1	PIPE AS-FILLER					
	14	4L2925	1	PLUNGER-LEVEL GAUGE					

B-179266 EP

1273

3N8066 TANK & BASE GP-FUEL (LONG BASE)
An Attachment

ENCLOSURES, GUARDS AND BASES



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5N5715	PANEL ASSEM.	1
2	5N5714	PANEL ASSEM.	1
3	8S8958	FILM	2
4	5N5711	FRAME	2
5	5N5722	BAFFLE ASSEM.	2
6	5N5718	GRILL ASSEM.	2
		(Each includes)	
6	4L6458	NUT	4
7	5P4115	WASHER	4
7	5N5712	FRAME	2
C 8	5N5629	BASE-END	1
C 9	5N8431	BASE ASSEM.	1
10	4N6948	DECAL	2
11	5N5319	BASE ASSEM.	4

12	5N5631	PANEL ASSEM. (L. H.)	1
13	5N5630	PANEL ASSEM. (R. H.)	1
14	5N5716	POST ASSEM.	2
15	5N5720	DOOR ASSEM. (R. H.)	4
16	5N5719	DOOR ASSEM. (L. H.)	4
17	5N5717	POST ASSEM.	2
18	5N5721	BRACE ASSEM.	8
	5MH57467	FORM (Installation)	1
		THE FOLLOWING KIT IS AVAILABLE:	
	5N5763	KIT (hardware)	1
		(Includes screws & nuts)	

C INDICATES CHANGE

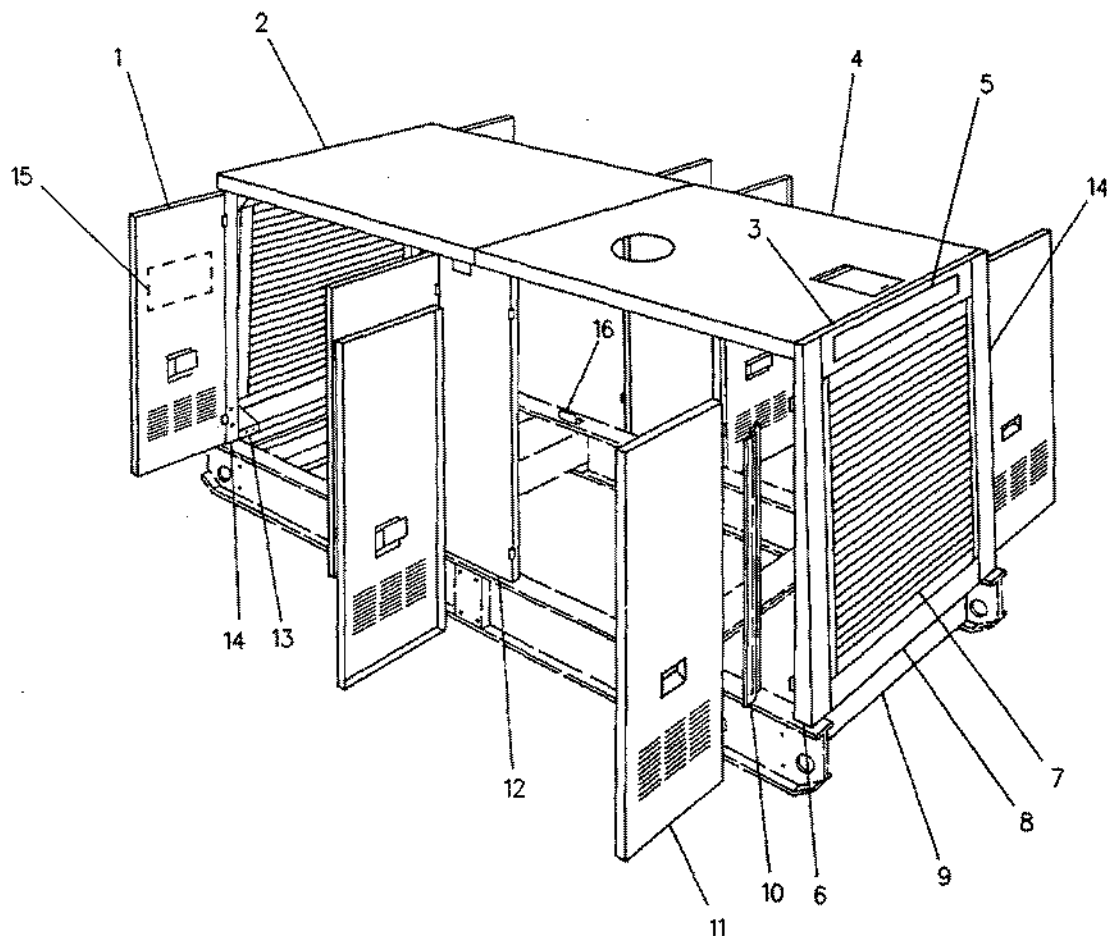
179443

7263

5N5727 ENCLOSURE GP-GENERATOR
An Attachment

179443 EP

ENCLOSURES, GUARDS AND BASES



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5N6189	4	DOOR AS-LH					
C	2	5N6765	1	PANEL AS-TOP					THE FOLLOWING REPAIR KIT IS AVAILABLE:
	3	5N5711	2	FRAME-TOP END					
C	4	5N0554	1	PANEL AS-TOP			5N5390	1	KIT-HARDWARE (INCLUDES SCREWS AND NUTS)
C	5	7E5948	2	FILM-CATERPILLAR					
	6	5N5716	2	POST AS-RH					
	7	5N5718	2	GRILL AS (EACH INCLUDES)					
		4L6458	4	NUT-FULL					
		5P4115	4	WASHER					
	8	5N5712	2	FRAME-BOTTOM END					
	9	5N6228	1	GUARD AS-FRONT					
		5N6224	1	GUARD AS					
	10	5N5386	2	BAFFLE AS					
	11	5N6188	4	DOOR AS-RH					
	12	5N6229	1	PANEL AS-RH					
		5N6230	1	PANEL AS-LH					
	13	5N5721	8	BRACE AS					
C	14	5N5717	2	POST AS-LH					
	15	7E5947	2	FILM-CAT					
	16	5N5387	4	BRACKET					

C-CHANGE FROM PREVIOUS TYPE

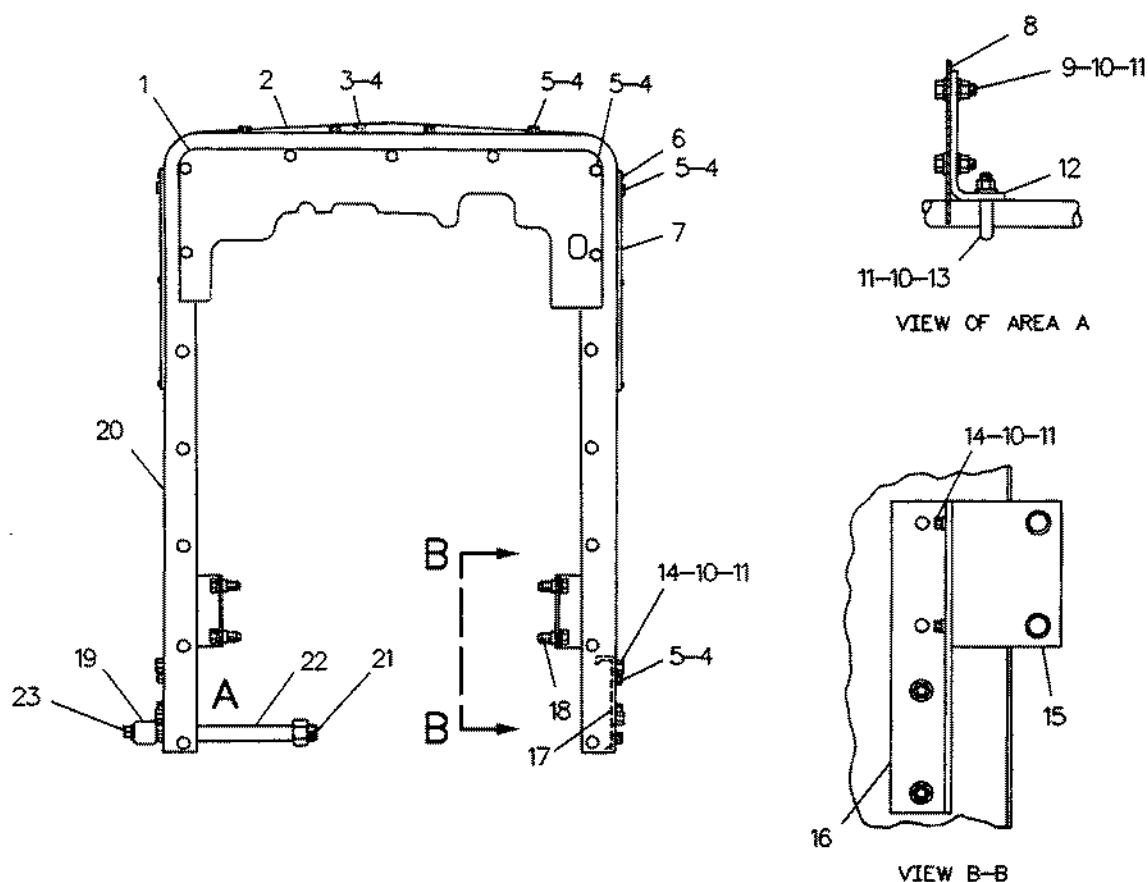
R-545164 EP

7263

5N7140 ENCLOSURE GP-GENERATOR

For Use With Naturally Aspirated Generator Set Engine
Which Has Exhaust Outlet At Top Center Of Manifold
An Attachment

ENCLOSURES, GUARDS AND BASES



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3N4889	1	PLATE-DASH UPPER		23	2B7410	1	PLUG-PIPE
	2	8L5322	1	HOOD AS					
	3	2P1287	6	BOLT-WASHER HEAD					
	4	2N3385	25	NUT-CLIP					
	5	2P3200	29	BOLT-WASHER HEAD					
	6	1P1135	12	SCREW-MACHINE					
		3N4895	12	NUT AS-SPRING					
	7	4L4214	2	COVER-GAUGE PANEL					
	8	8L5318	1	PLATE-HOOD SIDE (LH)					
	9	OS1594	4	BOLT					
	10	1D4717	14	NUT					
	11	5M2894	16	WASHER					
	12	1N5315	1	BRACKET					
	13	9M8729	1	U-BOLT					
	14	2P3201	8	BOLT-WASHER HEAD					
	15	5N5613	2	SUPPORT					
	16	5N3938	2	SUPPORT					
	17	1N5316	2	PLATE-HOOD SIDE (RH)					
	18	OS1589	4	BOLT					
		250736	4	WASHER-HARD					
		2B7092	4	SPACER					
	19	3B6489	1	COUPLING-PIPE					
		2A3398	1	GASKET					
	20	3N4887	1	SHELL					
	21	6L6155	1	ADAPTER					
	22	3F8431	1	NIPPLE-PIPE					

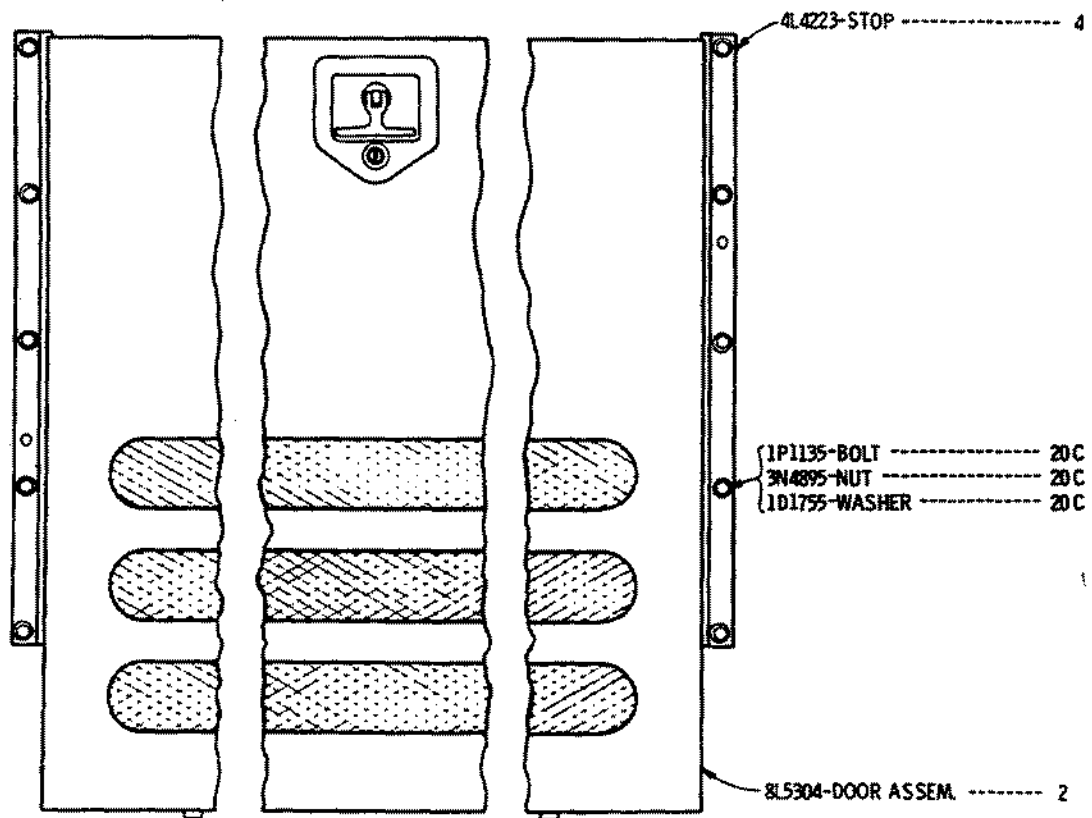
R-528626 EP

7251

5N4011 HOOD & DASH GP

Not For Use With Air Starting Motor Or
Torque Converter Oil Cooler
An Attachment

ENCLOSURES, GUARDS AND BASES



C INDICATES CHANGE

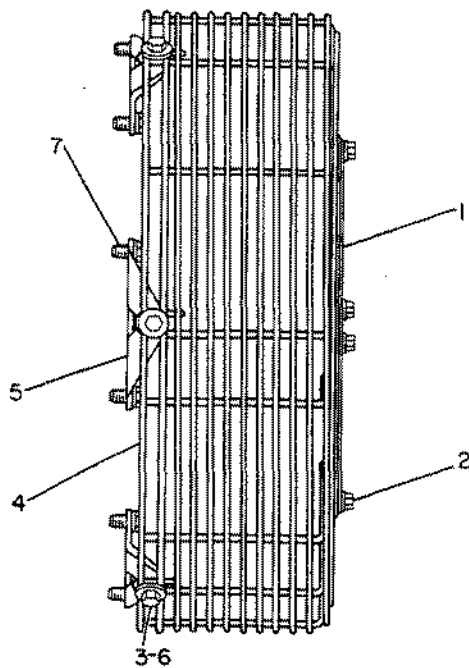
153044

B-153044 EP

7251

3N8068 DOOR GP-HOOD SIDE
 An Attachment

ENCLOSURES, GUARDS AND BASES



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5N3310	1	PLATE
	2	OT0102	4	BOLT
		5M2894	4	WASHER
	3	1A2029	6	BOLT
		9N1650	6	WASHER-HARD
	4	5N3311	1	GUARD AS
	5	3N4387	6	BRACKET AS (EACH INCLUDES)
	6	9F2978	1	NUT-WELD
	7	OT0318	12	BOLT
		3K6113	12	WASHER-HARD

B-489197 EP

7153

5N3312 GUARD GP-STUB SHAFT
An Attachment

GENERATORS

	PAGE
1 4W7421 GENERATOR GP.....	244
1 7W0572 CONNECTION GP-GENERATOR LEADS.....	256
1 1W7848 PLATE - GENERATOR SERIAL NUMBER INSTALL ON RH SIDE OF GENERATOR BARREL AT FRONT USING 2K3219 DRIVE SCREWS	
1 7W0096 NAMEPLATE-GENERATOR INSTALL ON GENERATOR LH REMOVABLE SIDE COVER	
1 4W5138 FILM - EARTH GROUND SYMBOL INSTALL NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND COSTOMER CONNECTION POINT	
2 7W4445 FILM - WARNING-GENERATOR HIGH VOLTAGE INSTALL ONE ON RH & LH GENERATOR SIDE PANELS. LOCATED 4-5 INCHES FROM REAR & TOP OF GENERATOR	

330126 P

4450

4W8962 GENERATOR AR-POWER
60 Hz 240-480 Volts
Generator S/N 5AA4699-Up

GENERATORS

	PAGE
1 4W7423 GENERATOR GP.....	248
1 7W0572 CONNECTION GP-GENERATOR LEADS.....	256
1 1W7848 PLATE - GENERATOR SERIAL NUMBER INSTALL ON RH SIDE OF GENERATOR BARREL AT FRONT USING 2K3219 DRIVE SCREWS	
1 7W0096 NAMEPLATE-GENERATOR INSTALL ON GENERATOR LH REMOVABLE SIDE COVER	
1 4W5138 FILM - EARTH GROUND SYMBOL INSTALL NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND COSTOMER CONNECTION POINT	
2 7W4445 FILM - WARNING-GENERATOR HIGH VOLTAGE INSTALL ONE ON RH & LH GENERATOR SIDE PANELS. LOCATED 4-5 INCHES FROM REAR & TOP OF GENERATOR	

330127 P

4450

4W8963 GENERATOR AR-POWER
60 Hz 240-480 Volts
Generator S/N 5AA4699-Up

GENERATORS

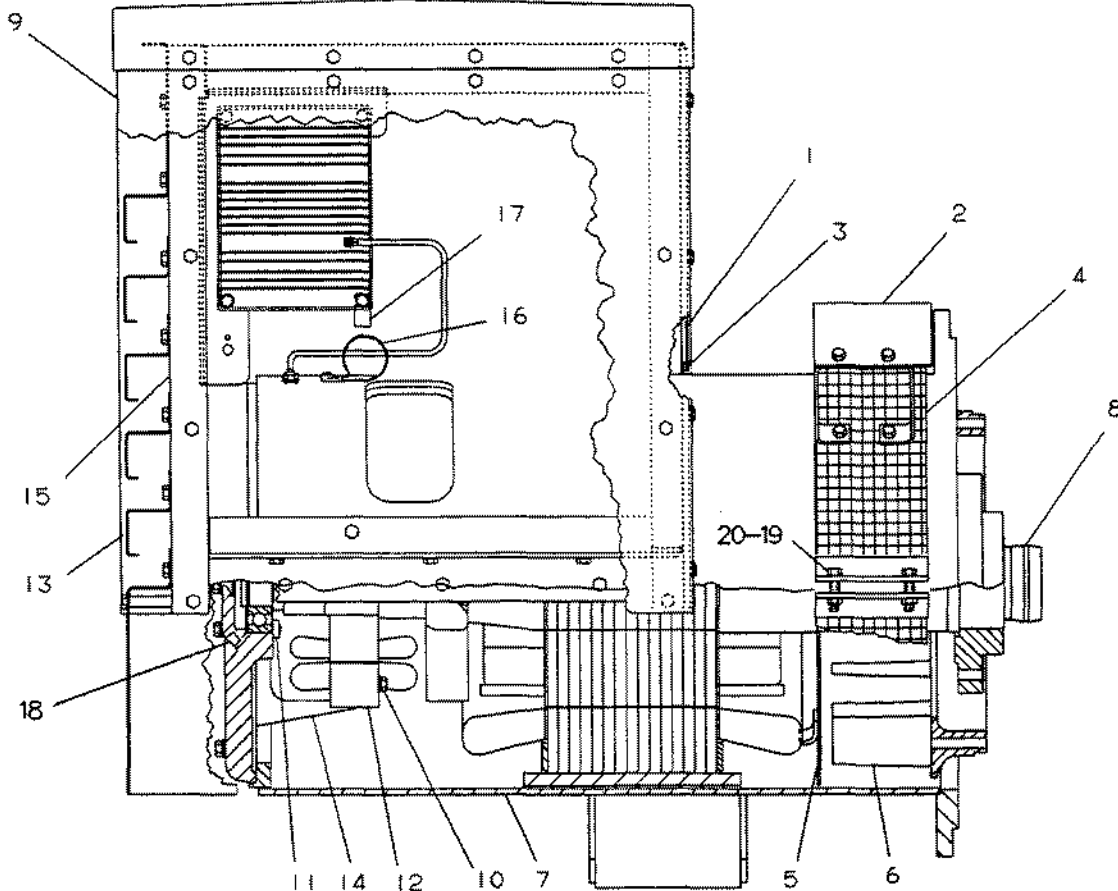
	PAGE
1 4W7422 GENERATOR GP.....	246
1 5N4123 CONNECTION GP-GENERATOR LEADS.....	253
1 1W7848 PLATE - GENERATOR SERIAL NUMBER INSTALL ON RH SIDE OF GENERATOR BARREL AT FRONT USING 2K3219 DRIVE SCREWS	
1 7W0096 NAMEPLATE-GENERATOR INSTALL ON GENERATOR LH REMOVABLE SIDE COVER	
1 4W5138 FILM - EARTH GROUND SYMBOL INSTALL NEAR GENERATOR GROUND BOLT OR GENERATOR GROUND COSTOMER CONNECTION POINT	
2 7W4445 FILM - WARNING-GENERATOR HIGH VOLTAGE INSTALL ONE ON RH & LH GENERATOR SIDE PANELS. LOCATED 4-5 INCHES FROM REAR & TOP OF GENERATOR	

326223 P

4450

4W9656 GENERATOR AR-POWER
60 Hz 300-600 Volts
Generator S/N 5AA4699-Up

GENERATORS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7W6199	1	PANEL AS-FRONT		20	4B2049	2	NUT
		5N3175	1	PLUG (16.764MM DIA)					
		4F8711	2	PLUG (39.69MM DIA)					
		5N3174	8	PLUG (8.636MM DIA)					
C	2	7W7252	1	COVER AS-DRIP					
	3	6L6663	1	CHANNEL-RUBBER					
	4	9Y2933	1	SCREEN AS					
	5	3N7427	1	DEFLECTOR					
	6	6L6658	1	FAN-VENT					
	7	7W8989	1	STATOR AS					
		6L6648	1	CHANNEL					
Y	8	7W0710	1	ROTOR AS					
C	9	3N7493	1	PANEL-TERMINAL BOX					
	10	1D4539	4	BOLT					
		9M1974	4	WASHER-HARD					
	11	3N7496	2	RETAINER-BEARING					
	12	4W3907	1	CORE AS-EXCITER					
	13	8L9819	4	LOUVER					
	14	5N0540	1	BRACKET-FIELD					
	15	3N7489	1	FRAME AS-BOX (RH)					
	16	6L7008	2	STRAP-CABLE					
C	17	8J1256	1	CLIP					
C		5P0537	2	WASHER					
C		9S8750	1	NUT-FULL					
	18	2B4602	2	PLUG-PIPE					
	19	5N3886	2	SCREW					

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

R-493389 EP

4450

4W7421 GENERATOR GP-POWER-PART 1 OF 2

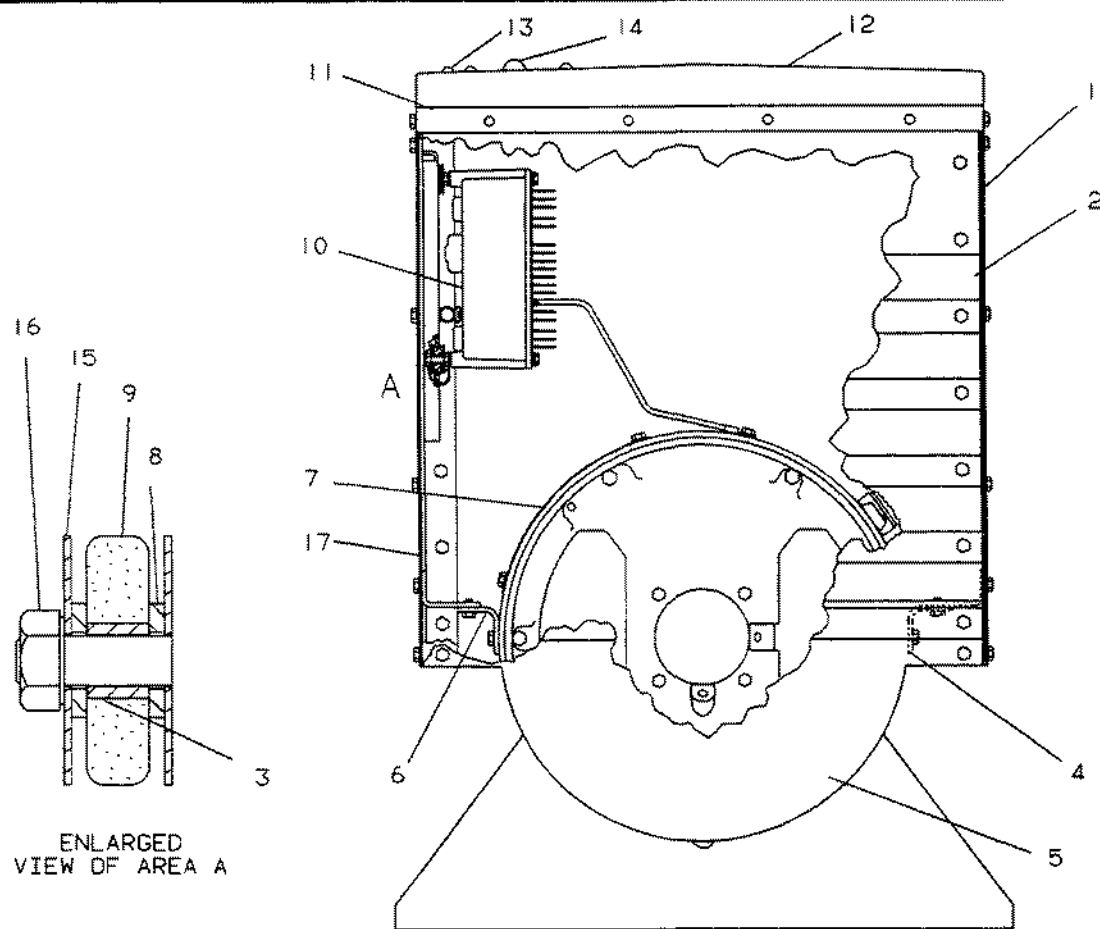
60 Hz 240-480 Volts

Generator S/N 5AA4699-Up

7W0710-Page 250

Part Of 4W8962 Generator Ar

GENERATORS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	3N7493	1	PANEL-TERMINAL BOX (RH)					THE FOLLOWING REPAIR KITS ARE AVAILABLE:
	2	8L9820	1	PANEL-METER					
	3	7C5709	3	SLEEVE			4W3901	1	
	4	7W6371	1	BRACKET-BOX (RH)			3N5537	1	
	5	8L9817	1	COVER AS-BOX			7W0737	1	
	6	7W7177	1	BRACKET-BOX (LH)					
	7	3N7753	1	COVER-ACCESS					
C	8	5P0537	6	WASHER					
C	9	7C5708	3	GROMMET					
CY	10	9Y8400	1	REGULATOR AS-AUTOMATIC VOLTAGE					
	11	7C6106	1	FRAME AS (LH)					
	12	5N3161	1	COVER AS-TOP					
		302284	4	PLUG					
		6D7128	4	SEAL					
	13	5N3176	2	PLUG					
		5N3167	2	SEAL					
	14	8P7065	2	PLUG					
		2D6392	2	SEAL-O-RING					
C	15	332075	6	WASHER					
C	16	9S8750	4	NUT-FULL					
	17	7C5712	1	LABEL (INSTRUCTION)					
CF		7C5711	1	FILM-INSTRUCTION (VOLTAGE ADJUSTMENT)					

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

C-552258 EP

4450

4W7421 GENERATOR GP-POWER-PART 2 OF 2

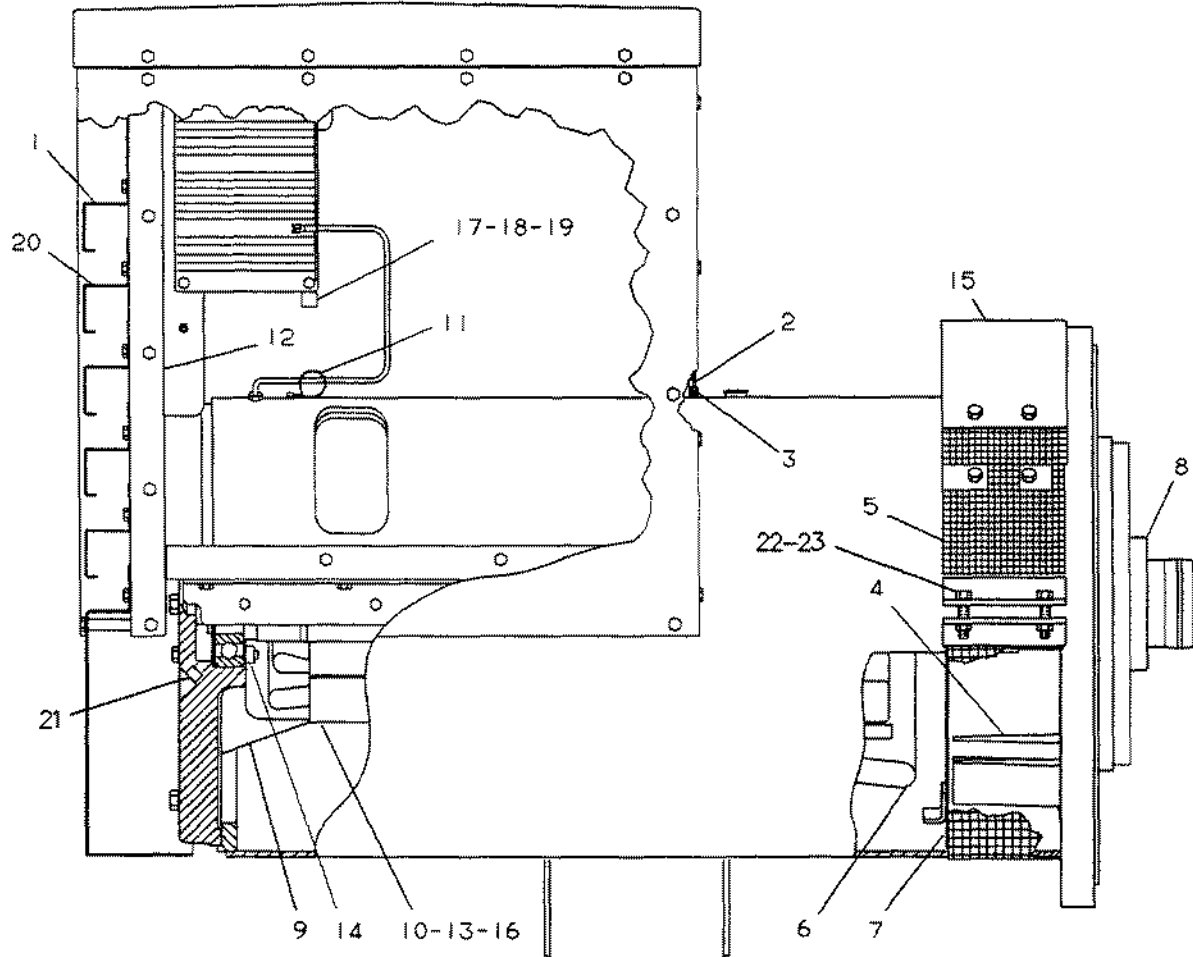
60 Hz 240-480 Volts

Generator S/N 5AA4699-Up

9Y8400-Page 268

Part Of 4W8962 Generator Ar

GENERATORS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8L9820	1	PANEL-METER		22	4B2049	2	NUT
	2	7W6199	1	PANEL AS-FRONT		23	5N3886	2	SCREW
		5N3175	1	PLUG (USED IN 1.11CM(.438IN.)HOLE)					
		5N3174	8	PLUG (USED IN .55CM(.218IN.)HOLE)					
		4F8711	2	PLUG (USED IN 3.49CM(1.375IN.)HOLE)					
	3	6L6663	1	CHANNEL-RUBBER					
	4	6L6658	1	FAN-VENT					
C	5	9Y2933	1	SCREEN AS					
	7	3N7427	1	DEFLECTOR					
Y	8	7W0710	1	ROTOR AS					
	9	5N0540	1	BRACKET-FIELD					
	10	4W3907	1	CORE AS-EXCITER					
	11	6L7008	2	STRAP-CABLE					
	12	3N7489	1	FRAME AS-BOX (R.H.)					
	13	1D4539	4	BOLT					
	14	3N7496	2	RETAINER-BEARING					
	15	7W7252	1	COVER AS-DRIP					
	16	9M1974	4	WASHER-HARD					
	17	8J1256	1	CLIP					
	18	5P0537	2	WASHER					
	19	9S8750	1	NUT-FULL					
	20	8L9819	4	LOUVER					
	21	2B4602	2	PLUG-PIPE					

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

R-493408 EP

4450

4W7422 GENERATOR GP-POWER-3 PHASE-PART 1 OF 2

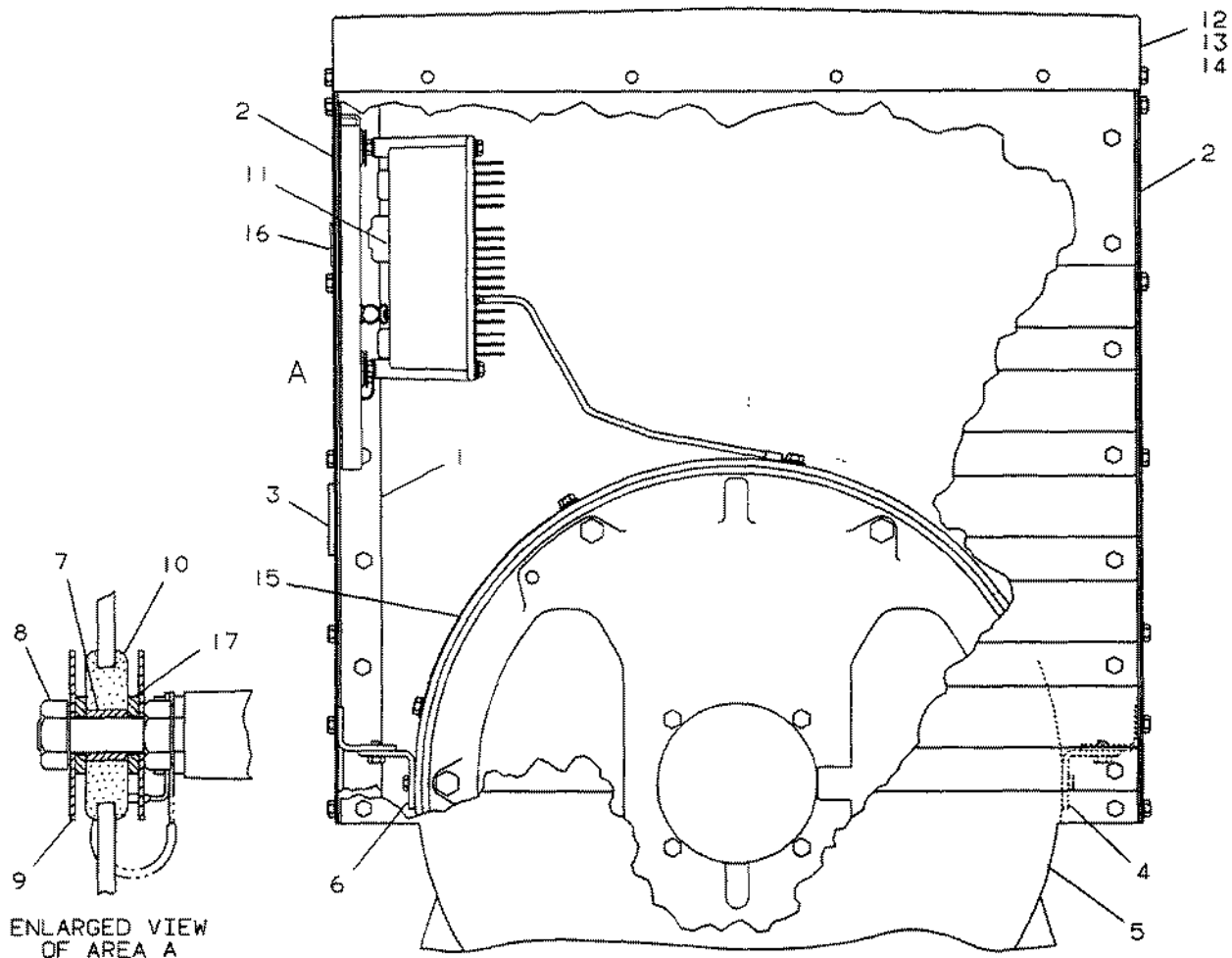
50 Hz 240-480 Volt At 1500 RPM Or 60 Hz 300-600 Volt At 1800 RPM

Generator S/N 5AA4699-Up

7W710-Page 250

Part Of 4W9656 Generator Ar

GENERATORS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7C6106	1	FRAME AS (L.H.)					
	2	3N7493	2	PANEL-TERMINAL BOX					
	3	7C6105	1	LABEL					
	4	7W6371	1	BRACKET-BOX (R.H.)			7W0746	1	THE FOLLOWING REPAIR KITS ARE AVAILABLE:
	5	8L9817	1	COVER AS-BOX (BACK)			3N5537	1	KIT-STATOR REWIND
	6	7W7177	1	BRACKET-BOX (L.H.)					KIT-HARDWARE (INCL SCREWS, BOLTS, PLUGS, NUTS & LOCKWASHERS)
	7	7C5709	3	SLEEVE			4W3901	1	KIT-ROTOR BALANCE WEIGHT (INCL SCREWS, NUTS & WASHERS)
	8	9S8750	3	NUT-FULL					
	9	332075	6	WASHER					
	10	7C5708	3	GROMMET					
CY	11	9Y8400	1	REGULATOR AS-AUTOMATIC VOLTAGE					
	12	5N3161	1	COVER AS-TOP					
		302284	4	PLUG					
				12.7MM(.50IN.)O.D.					
		6D7128	4	SEAL					
	13	5N3176	2	PLUG					
				58.7MM(2.31IN.)O.D.					
		5N3167	2	SEAL					
	14	8P7065	2	PLUG					
				10.4MM(.41IN.)O.D.					
		2D6392	2	SEAL-O-RING					
	15	3N7753	1	COVER-ACCESS					
	16	7C5711	1	FILM-INSTRUCTION					
	17	5P0537	6	WASHER					

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

C-493409 EP

4450

4W7422 GENERATOR GP-POWER-3 PHASE-PART 2 OF 2

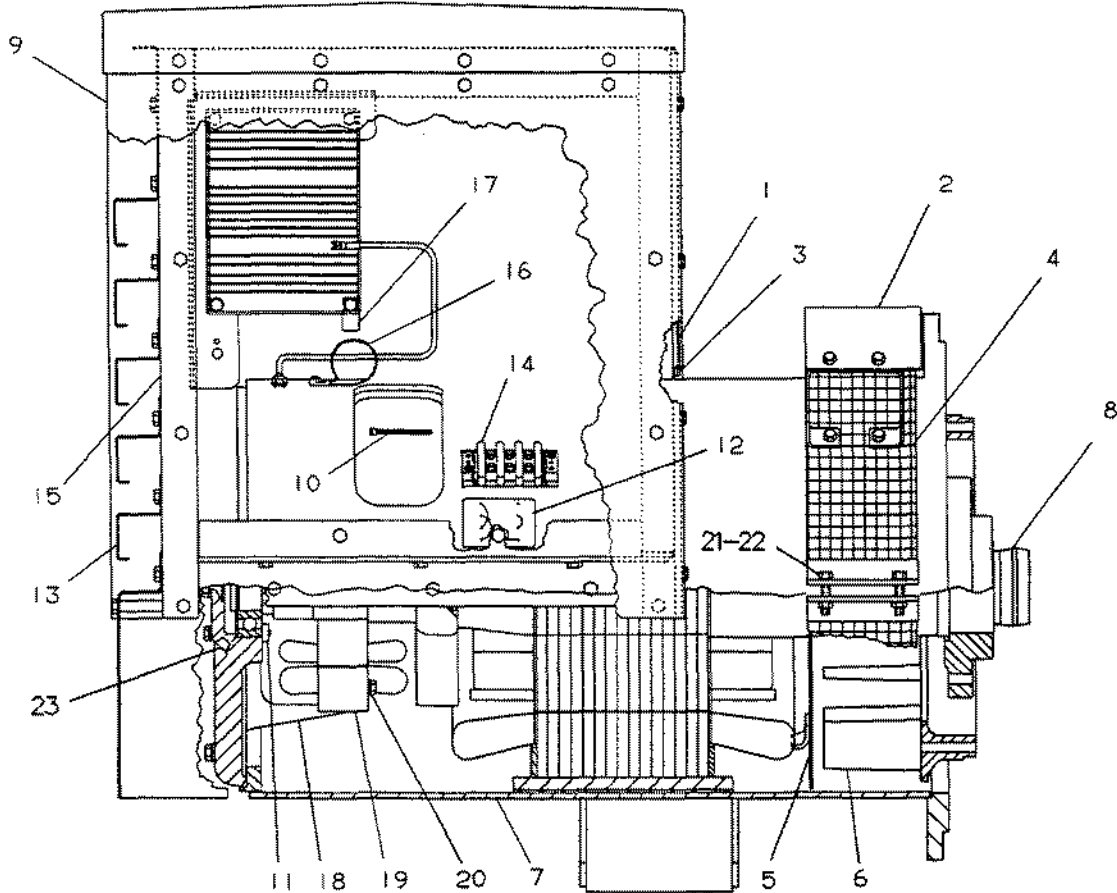
50 Hz 240-480 Volt At 1500 RPM Or 60 Hz 300-600 Volt At 1800 RPM

Generator S/N 5AA4699-Up

9Y8400-Page 268

Part Of 4W9656 Generator Ar

GENERATORS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	7W6199	1	PANEL AS-FRONT	20	1D4539	4	BOLT	
		5N3175	1	PLUG (16.764MM DIA)		9M1974	4	WASHER-HARD	
		4F8711	2	PLUG (39.69MM DIA)	21	4B2049	2	NUT	
		5N3174	8	PLUG (8.636MM DIA)	22	5N3886	2	SCREW	
	2	7W7252	1	COVER AS-DRIP	23	2B4602	2	PLUG-PIPE	
	3	6L6663	1	CHANNEL-RUBBER					
	4	9Y2933	1	SCREEN AS					
	5	3N7427	1	DEFLECTOR					
	6	6L6658	1	FAN-VENT					
	7	7W8989	1	STATOR AS					
Y C		6L6648	1	CHANNEL					
	8	7W0710	1	ROTOR AS					
	9	3N7493	1	PANEL-TERMINAL BOX					
	10	8L8413	2	STRAP-CABLE					
	11	3N7496	2	RETAINER-BEARING					
	12	3N8764	1	FILM-CONNECTION					
	13	8L9819	4	LOUVER					
	14	6L7575	1	STRIP-TERMINAL					
		3N8763	1	STRIP-MARKER					
	15	3N7489	1	FRAME AS-BOX (RH)					
C C C	16	6L7008	2	STRAP-CABLE					
	17	8J1256	1	CLIP					
		5P0537	2	WASHER					
		9S8750	1	NUT-FULL					
	18	5N0540	1	BRACKET-FIELD					
	19	4W3907	1	CORE AS-EXCITER					

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

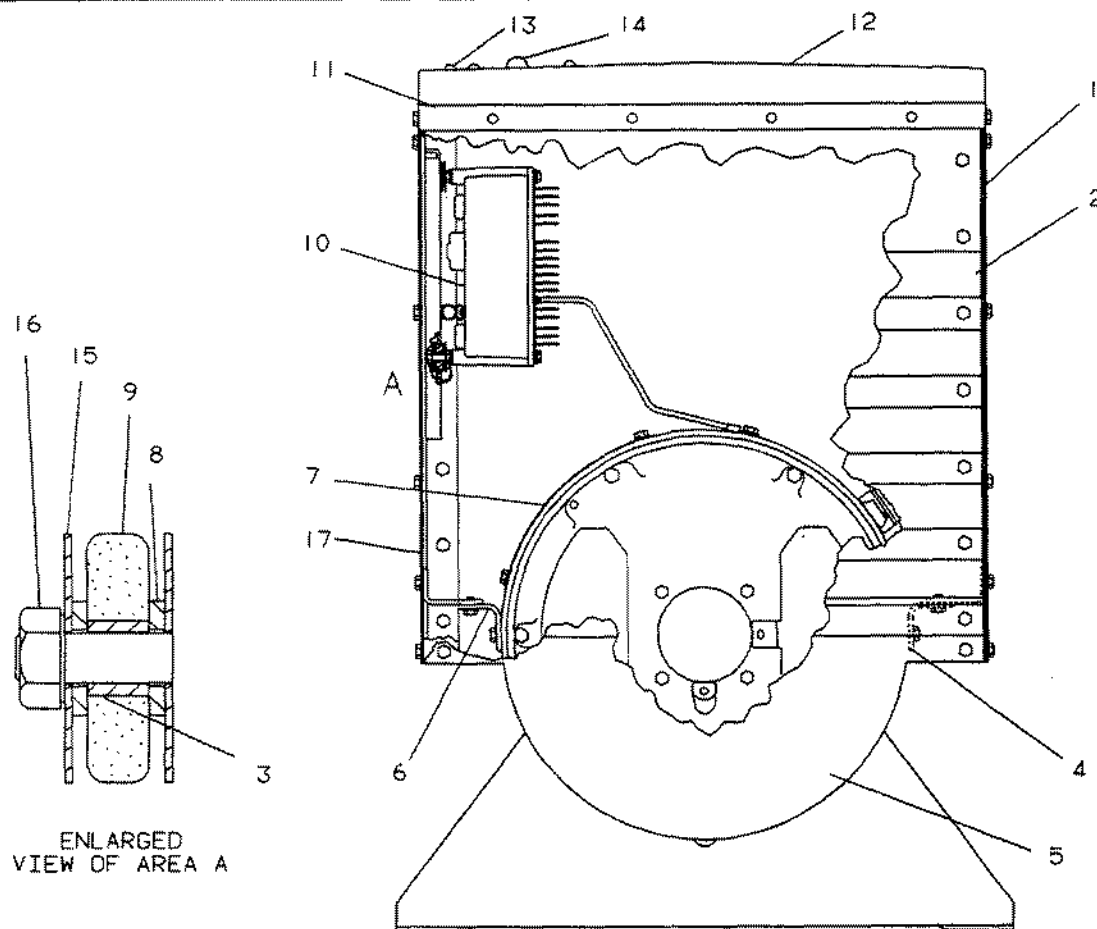
R-493410 EP

4450

4W7423 GENERATOR GP-POWER-PART 1 OF 2

60 Hz 240-480 Volt
Generator S/N 5AA4699-Up
7W0710-Page 250
Part Of 4W8963 Generator Ar

GENERATORS



ENLARGED
VIEW OF AREA A

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3N7493	1	PANEL-TERMINAL BOX (RH)					THE FOLLOWING REPAIR
	2	8L9820	1	PANEL-METER					KITS ARE AVAILABLE:
C	3	7C5709	3	SLEEVE			4W3901	1	KIT-ROTOR BALANCE WEIGHT
	4	7W6371	1	BRACKET-BOX (RH)			3N5537	1	KIT-HARDWARE
	5	8L9817	1	COVER AS-BOX	Y		7C0554	1	KIT-SPACE HEATER
	6	7W7177	1	BRACKET-BOX (LH)			7W0737	1	KIT-STATOR REWIND
	7	3N7753	1	COVER-ACCESS					
C	8	5P0537	6	WASHER					
C	9	7C5708	3	GROMMET					
CY	10	9Y8400	1	REGULATOR AS-AUTOMATIC VOLTAGE					
C	11	7C6106	1	FRAME AS (LH)					
	12	5N3161	1	COVER AS-TOP					
		302284	4	PLUG					
		6D7128	4	SEAL					
	13	5N3176	2	PLUG					
		5N3167	2	SEAL					
	14	8P7065	2	PLUG					
		2D6392	2	SEAL-O-RING					
C	15	332075	6	WASHER					
C	16	9S8750	4	NUT-FULL					
	17	7C5712	1	LABEL (INSTRUCTION)					
CF		7C5711	1	FILM-INSTRUCTION (VOLTAGE ADJUSTMENT)					

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

C-493411 EP

4450

4W7423 GENERATOR GP-POWER-PART 2 OF 2

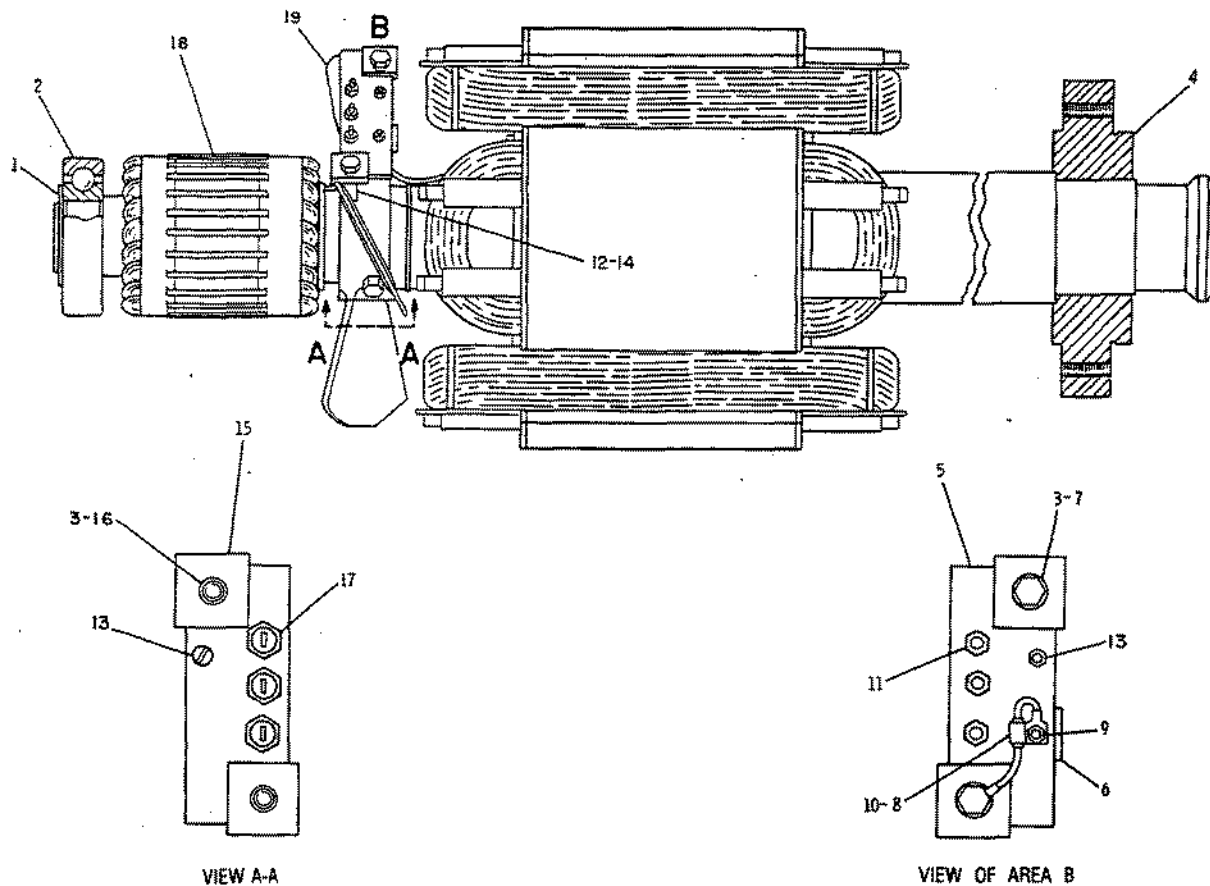
60 Hz 240-480 Volt

Generator S/N 5AA4699-Up

7C0554-Page 270, 9Y8400-Page 268

Part Of 4W8963 Generator Ar

GENERATORS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	2J7550	1	RING-RETAINING			4C6715	1	THE FOLLOWING REPAIR KIT IS AVAILABLE: KIT-RECTIFIER SILICONE
	2	5P1977	1	BALL BEARING					
	3	3N1645	4	SCREW-FORMING					
		4L6499	4	WASHER					
	4	7W7524	1	HUB-GENERATOR COUPLING					
	5	3N8970	1	HEAT SINK AS-POSITIVE					
	6	3N1961	1	SUPPRESSOR-VOLTAGE					
	7	3N1958	2	TUBE-INSULATING					
	8	3N1960	1	CLAMP-RESISTOR					
	9	3N1959	1	RESISTOR AS					
	10	9B7233	1	LOCKWASHER					
	11	3N8968	3	RECTIFIER AS					
	12	3N9116	2	STRIP-TERMINAL					
	13	1H4336	2	SCREW-MACHINE					
		8L5832	2	NUT-HEX					
		8F1434	2	LOCKWASHER					
	14	3D9799	4	SCREW-MACHINE					
		9B7233	4	LOCKWASHER					
	15	7W4471	1	HEAT SINK AS-NEGATIVE					
	16	3N1958	2	TUBE-INSULATING					
	17	3N5312	3	RECTIFIER AS					
	18	4W3903	1	CORE AS-ROTOR					
	19	4W6713	1	FAN AS					

C-CHANGE FROM PREVIOUS TYPE

B-553073 EP

4457

7W0710 ROTOR AS
Generator S/N 5AA4699-Up
Part Of 4W7421, 4W7422 & 4W7423 Generators

GENERATORS

- 1 8T0192 BOLT
- 2 6V8801 NUT
- 3 5P1075 WASHER-HARD

490352 P

4460

7C1781 CONNECTION GP
Generator S/N 5AA4699-Up
An Attachment

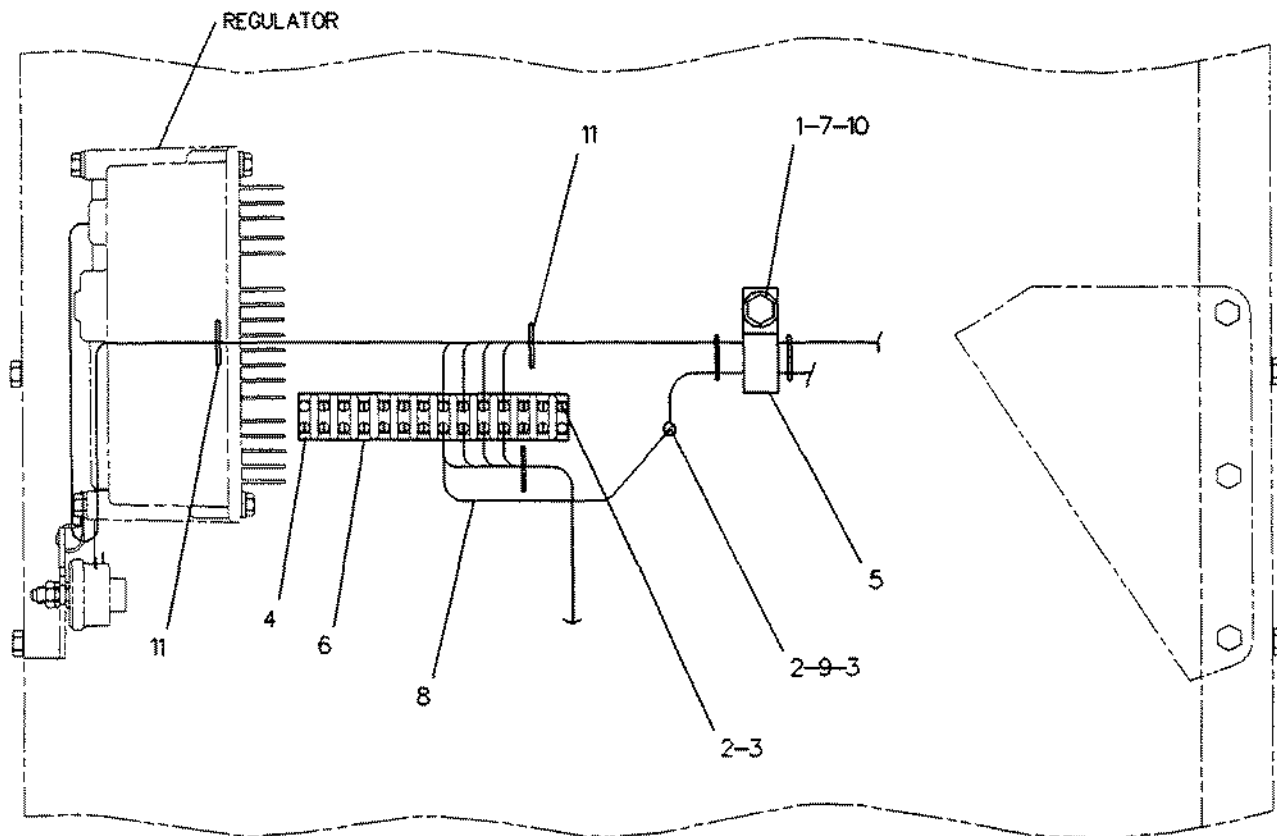
- 1 8T0192 BOLT
- 2 8L7395 NUT-FULL
- 3 5P1075 WASHER-HARD

401959 P

4459

7C1846 CONNECTION GP-GENERATOR LEADS
Generator S/N 5AA4699-Up
An Attachment

GENERATORS



REAR VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	0S0509	1	BOLT					
	2	2N3480	3	SCREW-MACHINE					
	3	4B2047	3	NUT					
	4	4D1260	1	STRIP-TERMINAL					
	5	4S4455	1	CLIP					
	6	4W7662	1	STRIP-MARKER					
	7	5M2894	2	WASHER					
	8	7W0922	1	WIRE AS-STRAP					
		5P1476	1	TERMINAL (BLADE)					
		6V2776	3	WIRE-ELECTRICAL					
		2L8076	1	TERMINAL					
	9	9F8125	1	LOCKWASHER					
	10	9S8752	1	NUT-FULL					
	11	8LB413	10	STRAP-CABLE					

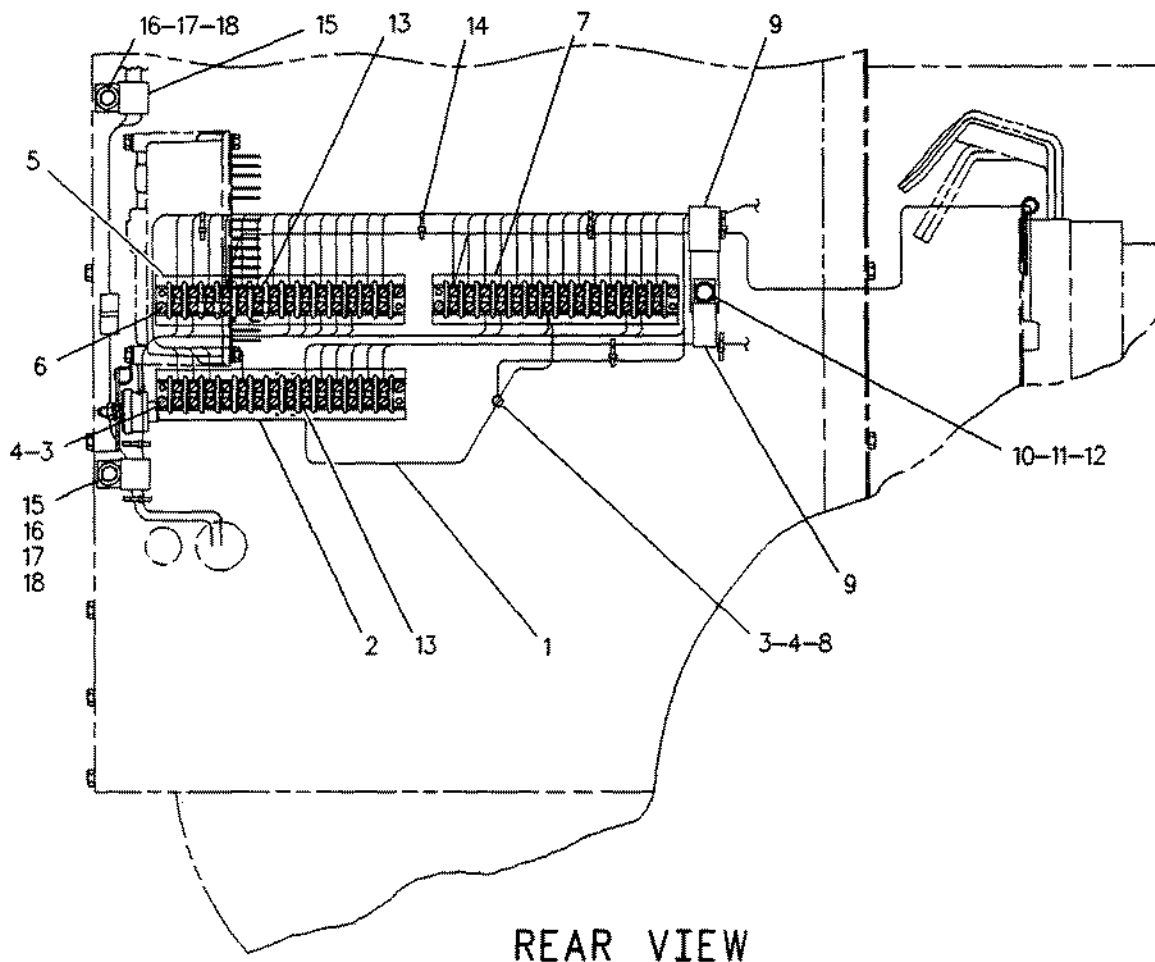
B-USE AS REQUIRED

F-513615 EP

4459

4P4635 CONNECTION GP-ELECTRICAL
Generator S/N 5AA4699-Up
An Attachment

GENERATORS



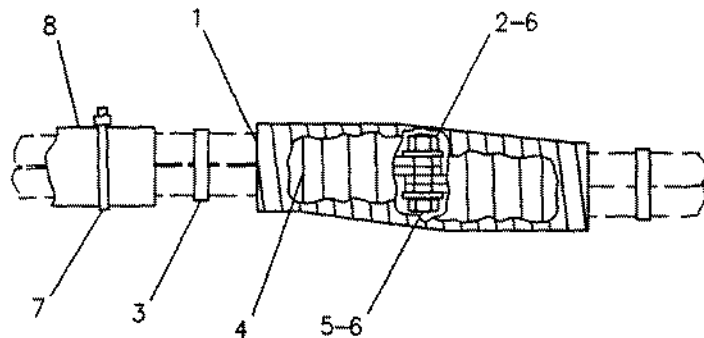
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	7W0922	1	WIRE AS-STRAP					
	2	1082780	1	STRIP-MARKER					
	3	301193	7	SCREW-MACHINE					
	4	9S5937	7	NUT-SELF LOCKING					
	5	7C4551	1	STRIP-MARKER					
	6	4D1260	3	STRIP-TERMINAL					
	7	7C4552	1	STRIP-MARKER					
	8	9F8125	1	LOCKWASHER					
	9	5N2840	2	CLIP					
	10	4L6454	1	BOLT					
	11	5P1075	2	WASHER-HARD					
	12	6V8801	1	NUT					
	13	5N5159	4	JUMPER-STRIP					
	14	3S2093	20	STRAP-CABLE					
	15	3S8664	2	CLIP					
	16	8T0023	2	BOLT-HEAD LOCKING					
	17	8T4224	2	WASHER-HARD					
	18	6V8189	2	NUT					
B-USE AS REQUIRED									

F-577601 EP

1408

1038974 CONNECTION GP-ELECTRICAL
Generator S/N 5AA4699-Up
An Attachment

GENERATORS



NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	5N4686	1	TAPE-ELECTRICAL (VINYL PLASTIC)
	2	6V8801	3	NUT
	3	7K1181	2	STRAP-CABLE
B	4	5N4685	1	TAPE-ELECTRICAL (VARNISHED CAMBRIC)
	5	5M3062	3	BOLT
	6	5P1075	6	WASHER-HARD
B	7	6K0806	12	STRAP-CABLE
B	8	7H8213	6	MAT

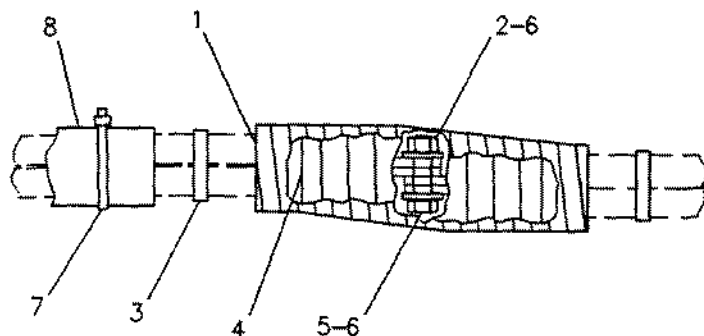
B-USE AS REQUIRED

F-573463 EP

4459

5N4123 CONNECTION GP-GENERATOR LEADS

Generator S/N 5AA4699-Up. Provides A Connection That Can Be Used To Connect Ten Lead Generators For High Voltage Applications Part Of 4W9656 Generator Ar



NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	5N4686	1	TAPE-ELECTRICAL (VINYL PLASTIC)
	2	6V8801	1	NUT
B	3	7K1181	2	STRAP-CABLE
B	4	5N4685	1	TAPE-ELECTRICAL
	5	9B7237	1	BOLT
	6	5P1075	2	WASHER-HARD
B	7	6K0806	12	STRAP-CABLE
B	8	7H8213	6	MAT

B-USE AS REQUIRED

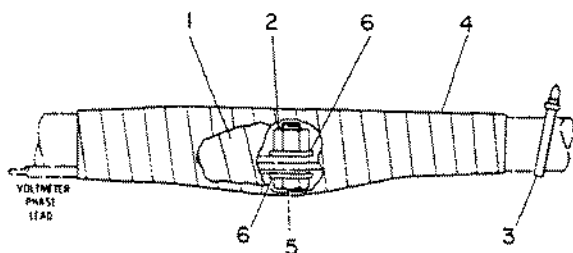
F-573195 EP

4459

5N4124 CONNECTION GP-GENERATOR LEADS

Generator S/N 5AA4699-Up. Provides A Connection That Can Be Used To Connect Ten Lead Generators For Low Voltage Applications An Attachment

GENERATORS



NOTE	REF NO	PART NUMBER	QTY	PART NAME
CB	1	5N4685		TAPE-ELECTRICAL
C	2	8L7395	6	NUT-FULL
C	3	7K1181	2	STRAP-CABLE
CB	4	5N4686		TAPE-ELECTRICAL (VINYL PLASTIC)
C	5	9B7237	6	BOLT
C	6	5P1075	12	WASHER-HARD

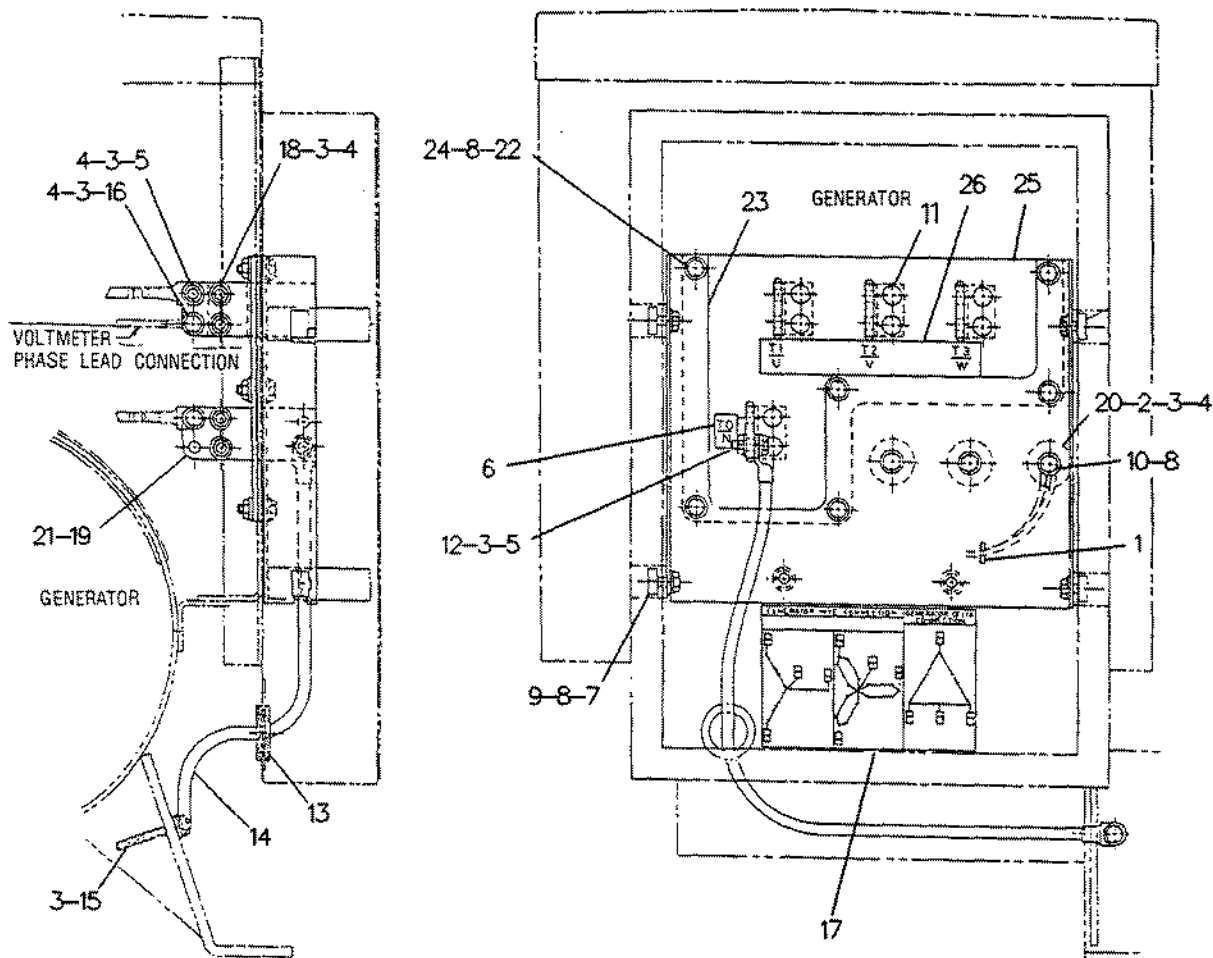
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE

B-414169 EP

4459

5N4513 CONNECTION GP-GENERATOR LEADS
Generator S/N 5AA4699-Up
An Attachment

GENERATORS



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7K1181	3	STRAP-CABLE		25	4W8985	2	PLATE-INSULATOR
	2	8T5409	3	STUD-TAPERLOCK		26	4W6392	1	FILM-TERMINAL STRIP
	3	5P1075	36	WASHER-HARD					
	4	8L7395	8	NUT-FULL					
	5	9B7237	5	BOLT					
	6	4W6393	1	FILM-TERMINAL STRIP					
	7	OS0509	4	BOLT					
	8	5M2894	19	WASHER					
	9	3N6734	4	NUT-SPRING					
	10	4F4879	3	BOLT					
	11	1D4669	8	BOLT-CARRIAGE					
		5P4115	8	WASHER					
		1B4330	8	NUT					
	12	1D4717	8	NUT					
	13	4D3100	1	GROMMET					
	14	4W8987	1	CABLE AS-NEUTRAL					
	15	8T0192	1	BOLT					
	16	5S7379	3	BOLT					
	17	4W9449	1	FILM-TERMINAL STRIP					
	18	5S7379	8	BOLT					
	19	4W8983	4	BAR-BUS					
	20	4W7142	3	INSULATOR					
	21	4W8984	4	BRACKET-SUPPORT					
	22	1A2029	6	BOLT					
	23	4W8986	1	BRACKET-STRIP					
	24	1D4717	6	NUT					

R-508822 EP

4459

4W8981 CONNECTION GP-TERMINAL STRIP

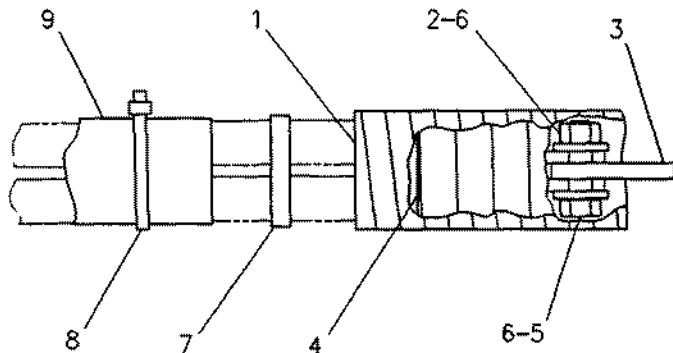
Generator S/N 5AA4699-Up

Not For Use With Circuit Breaker

For Use With 3N5545 Extension Terminal Box

An Attachment

GENERATORS



NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	5N4686		TAPE-ELECTRICAL (VINYL PLASTIC)
	2	6V8801	3	NUT
	3	7W0133	1	BAR-CONNECTOR
B	4	5N4685		TAPE-ELECTRICAL
C	5	9B7237	3	BOLT
C	6	5P1075	6	WASHER-HARD
B	7	7K1181	2	STRAP-CABLE
B	8	6K0806	12	STRAP-CABLE
B	9	7H8213	6	MAT

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE

F-573197 EP

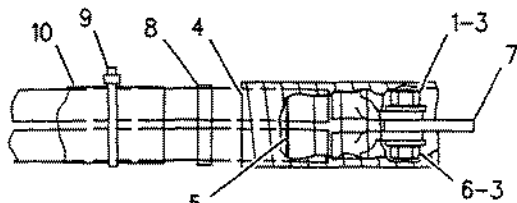
4459

7W0115 CONNECTION GP-GENERATOR LEADS

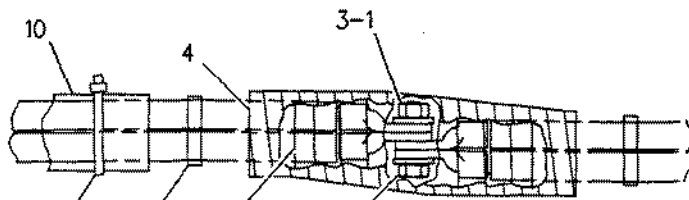
12 Lead-Neutral-Parallel-Wye

Generator S/N 5AA4699-Up

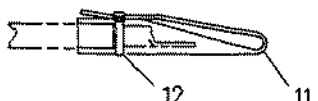
For Low Voltage Applications. An Attachment



NEUTRAL CONNECTION



SERIES CONNECTION



TERMINAL LUG PROTECTOR

NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6V8801	6	NUT
	2	5M3062	3	BOLT
	3	5P1075	12	WASHER-HARD
B	4	5N4686	1	TAPE-ELECTRICAL (VINYL PLASTIC)
B	5	5N4685	1	TAPE-ELECTRICAL (VARNISHED CAMBRIC)
	6	9B7237	3	BOLT
	7	7W0133	1	BAR-CONNECTOR
BC	8	7K1181	2	STRAP-CABLE
B	9	6K0806	12	STRAP-CABLE
B	10	7H8213	6	MAT
E	11	9X2639		SLEEVE (69CM)
	12	3S2093	3	STRAP-CABLE

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
E-ORDER BY THE CENTIMETER

F-577596 EP

4459

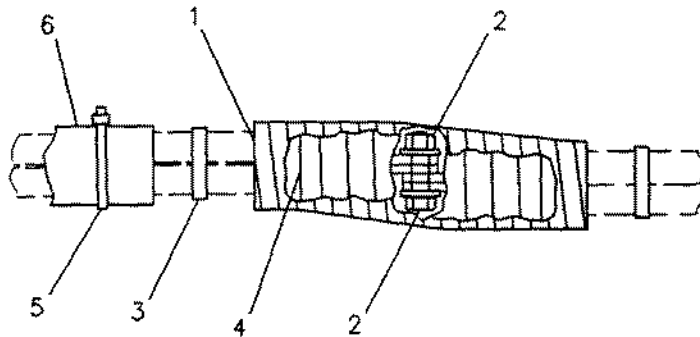
7W0572 CONNECTION GP-GENERATOR LEADS

12 Lead-12 Wire Gen For High Voltage Applications

Generator S/N 5AA4699-Up. Part Of 4W8962 & 4W8963 Generator Ars

Also An Attachment

GENERATORS



NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	5N4686		TAPE-ELECTRICAL (VINYL PLASTIC)
B	2	5P7750	3	BOLT-BRONZE
B		5P7751	3	NUT-BRONZE
B		5P7752	6	WASHER-BRONZE
B		5P7758	3	LOCKWASHER
		5M3062	3	BOLT (CADMIUM)
		6V8801	3	NUT
		5P1075	6	WASHER-HARD
			3	MM(.118IN)THK
B	3	7K1181	2	STRAP-CABLE
B	4	5N4685		TAPE-ELECTRICAL
B	5	6K0806	12	STRAP-CABLE
B	6	7H8213	6	MAT

B-USE AS REQUIRED

F-573196 EP

4459

7W0574 CONNECTION GP-GENERATOR LEADS
 12 Lead-24 Wire Gen For Delta Applications
 Generator S/N 5AA4699-Up
 An Attachment

PAGE

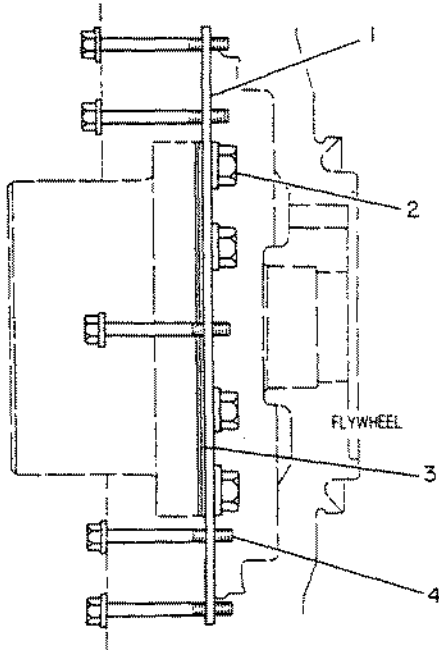
1 4L6553 COUPLING GP-GENERATOR DRIVE..... 258
 12 3H5368 BOLT
 2 3L2198 SHIM
 12 5P8244 WASHER

87535 P

4450

3N3142 INSTALLATION AR-GENERATOR
 Generator S/N 5AA4699-Up
 An Attachment

GENERATORS



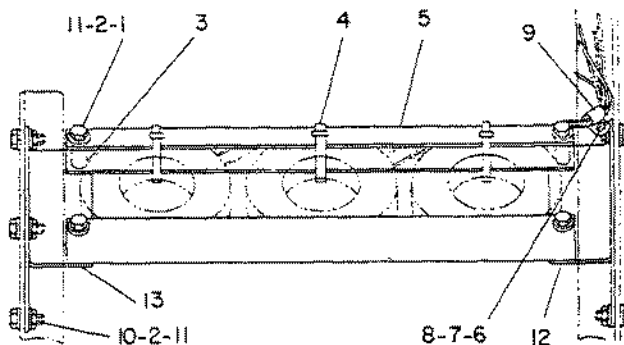
NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	4L6552	1	PLATE AS
	2	OS1595	6	BOLT
B	5P8245	6	WASHER	
	3	3L2198	4	SHIM
	4	OS1619	8	BOLT
		5M2894	8	WASHER
B-USE AS REQUIRED C-CHANGE FROM PREVIOUS TYPE				

B-328251 EP

4456

4L6553 COUPLING GP-GENERATOR DRIVE

Generator S/N 5AA4699-Up
Part Of 3N3142 Installation Ar
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5P2955	4	BOLT
	2	5P4116	13	WASHER
	3	7K3377	4	PIPE
	4	7K1181	3	STRAP-CABLE
	5	4W7388	2	CHANNEL-MOUNTING
	6	5H6467	1	SCREW-MACHINE
	7	4B4274	2	WASHER
	8	9S5937	1	NUT-SELF LOCKING
	9	673605	1	CLAMP-HOSE
	10	8T0023	5	BOLT-HEAD LOCKING
	11	6V8189	9	NUT
	12	4W8992	1	BRACKET-MOUNTING
	13	4W8991	1	BRACKET-MOUNTING

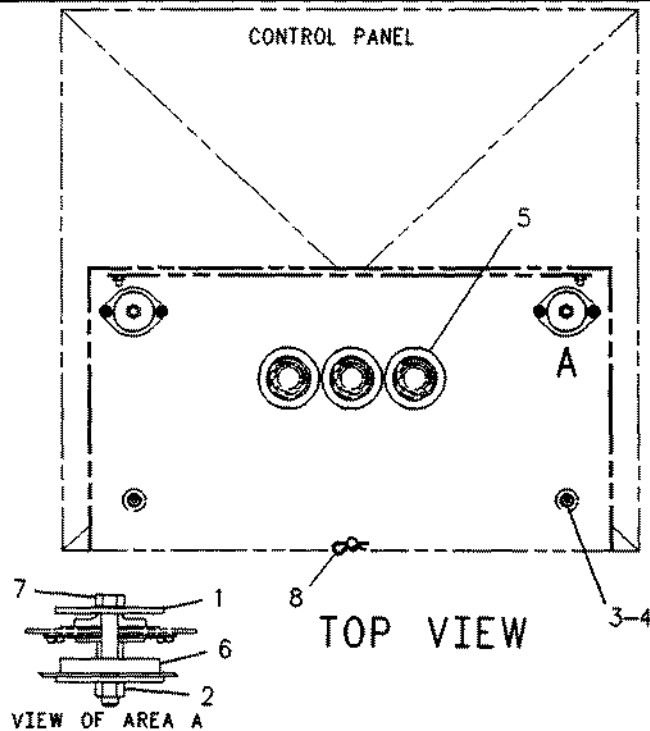
B-543289 EP

4476

4W8990 MOUNTING GP-TRANSFORMER (CURRENT)

Generator S/N 5AA4699-Up
For Use With Generator Mounted Control Panel On
All 440 Frame Size Generators. An Attachment

GENERATORS



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8T4226	2	WASHER-PLATED
	2	3K6060	2	LOCKNUT
	3	8T4205	2	WASHER-HARD
	4	3E9865	2	LOCKNUT
	5	7C2675	3	SEAL-BELLOWS
	6	5S3552	2	PLATE
	7	8T9377	2	BOLT
B	8	1B0676	1	PIN
B		5P0372	1	PIN-LOCK

B-USE AS REQUIRED

F-572383 EP

1901

1044704 MOUNTING GP-CONTROL
Generator S/N 5AA4699-Up
An Attachment

GENERATORS

NO SERVICED PARTS

7W6004 TRANSFORMER-CURRENT

Generator S/N 5AA4699-Up

For Use With Generator Ar & Connection Diagram
An Attachment