

BASIC ENGINE

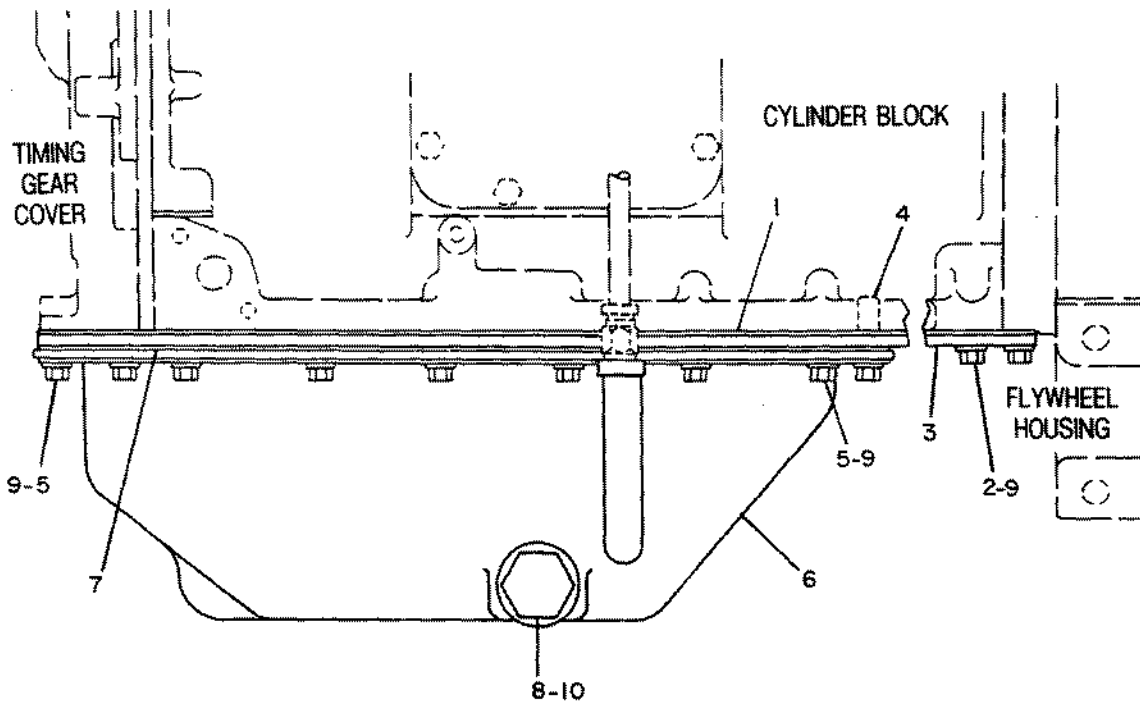
9L1554 V-BELT SET
(INCLUDES 3 BELTS)

8L4526 V-BELT SET
(INCLUDES 3 BELTS)

5N4851 V-BELT SET
(INCLUDES 3 BELTS)

V-BELTS
An Attachment

BASIC ENGINE



RIGHT SIDE VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	556045	1	GASKET-PAN PLATE					
C	2	OL1351	12	BOLT					
	3	2P2351	1	PLATE AS-OIL PAN					
	4	6J2237	5	BOSS-WELD					
C	5	1A2029	24	BOLT					
	6	4W5745	1	PAN AS-OIL					
	7	8S1963	1	GASKET-OIL PAN					
	8	2A3852	1	PLUG					
C	9	5M2894	36	WASHER					
C	10	2A3398	1	GASKET					
				OR					
C		1S3889	1	WASHER-PLUG					
C		8M4432	1	SEAL-O-RING					

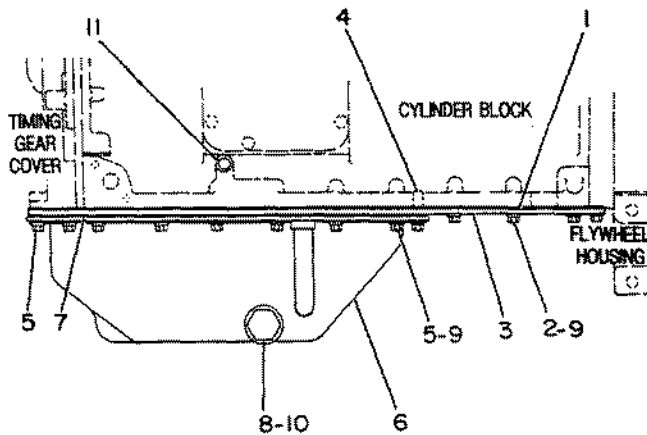
C-CHANGE FROM PREVIOUS TYPE

V-480268 EP

1302

3N2924 PAN GP-OIL
5L1594 Oil Pan Sump Is Available

BASIC ENGINE



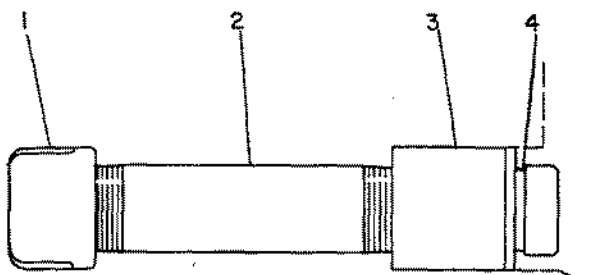
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	1	5S6045	1	GASKET-PAN PLATE
	2	OL1351	12	BOLT
	3	2P2351	1	PLATE AS-OIL PAN
	4	6J2237	5	BOSS-WELD
B	5	1A2029	24	BOLT
C	6	4W5816	1	PAN AS-OIL
	7	8S1963	1	GASKET-OIL PAN
B	8	2A3852	2	PLUG
	9	5M2894	36	WASHER
C	10	2A3398	2	GASKET
	11	5M6214	1	PLUG-PIPE

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE

B-330181 EP

1302

4N7142 PAN GP-OIL
Provides RH & LH Dipstick Locations



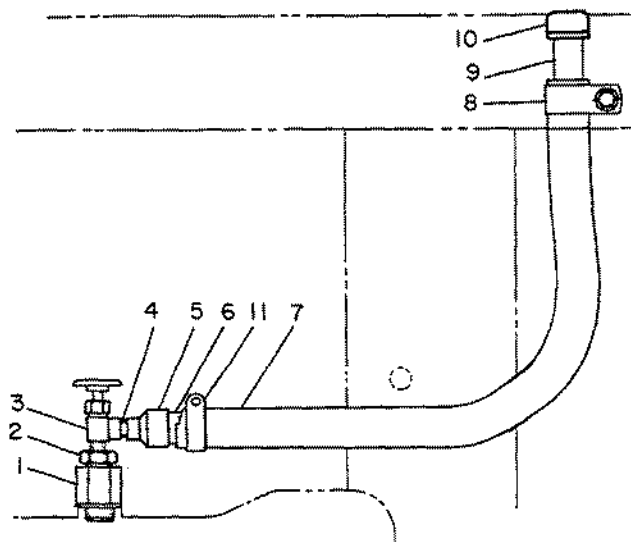
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3B6485	1	CAP-PIPE
	2	2D2460	1	NIPPLE-PIPE
	3	3R7117	1	BUSHING-PLUG
	4	1S3889	1	WASHER-PLUG
		8M4432	1	SEAL-O-RING

B-163055 EP

1307

5N4012 LINES GP-DRAIN
For Use With Heat Exchanger
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3R7117	1	BUSHING-PLUG
		8M4432	1	SEAL-O-RING
		1S3889	1	WASHER-PLUG
2		115224	1	BUSHING-TERMINAL
3		9N3666	1	VALVE AS
4		3B7741	1	NIPPLE
5		1Y0263	1	COUPLING-REDUCTION
6		9N0415	1	NIPPLE-OUTLET
7		5P1506		HOSE (74 CM)
8		7S8920	1	CLIP (SLOT)
		7S8921	1	CLIP (TAB)
		8T9377	1	BOLT
		2B0941	1	SPACER
		7X0772	2	WASHER-HARD
		6V8801	1	NUT
9		3B7747	1	NIPPLE-PIPE
10		3B6485	1	CAP-PIPE
11		9M7958	1	CLAMP

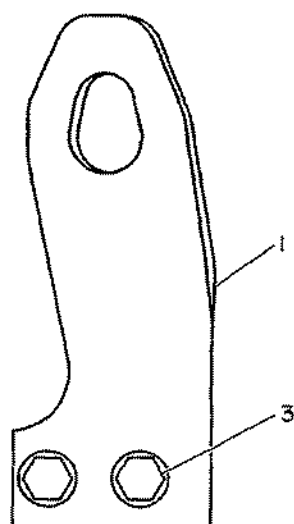
E-ORDER BY THE CENTIMETER

M-515228 EP

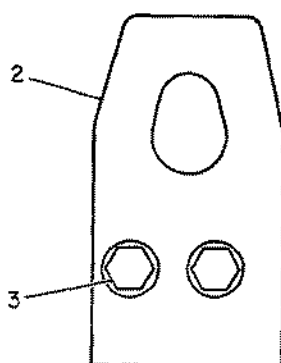
1307

5N5565 LINES GP-DRAIN (OIL)

For Use With Package Generator Set With Wide Base
An Attachment



MOUNTED ON REAR
OF ENGINE



MOUNTED ON FRONT
OF ENGINE

NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	4W8652	1	PLATE-EYE
	2	8N8721	1	PLATE-LIFTING EYE
	3	6V1999	4	BOLT
		8D5054	4	WASHER-HARD

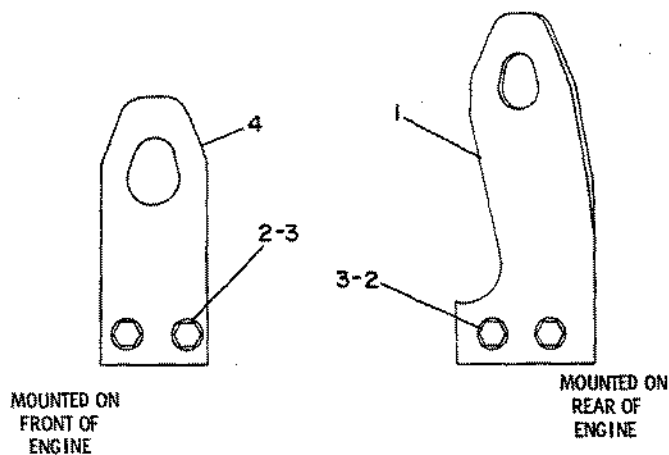
C-CHANGE FROM PREVIOUS TYPE

R-527057 EP

1122

6N8336 LIFTING GP

BASIC ENGINE



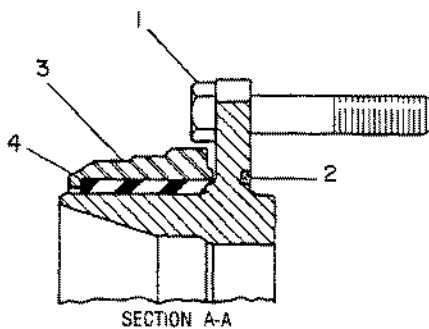
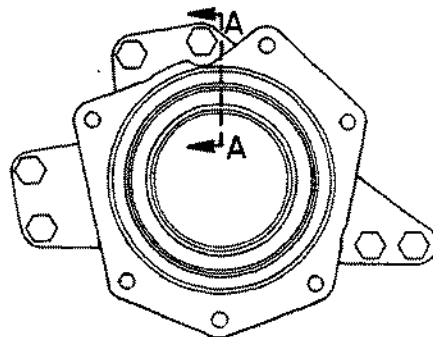
NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	4W8652	1	PLATE-EYE
	2	6V1999	4	BOLT
	3	8D5054	4	WASHER-HARD
C	4	7C2940	1	PLATE-EYE

C-CHANGE FROM PREVIOUS TYPE

B-403021 EP

1122

8N3286 LIFTING GP



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	OL1329	6	BOLT
	2	2P1692	1	SEAL-O-RING
C	3	2W6757	1	TRUNNION AS
	4	2P1487	1	RING

C-CHANGE FROM PREVIOUS TYPE

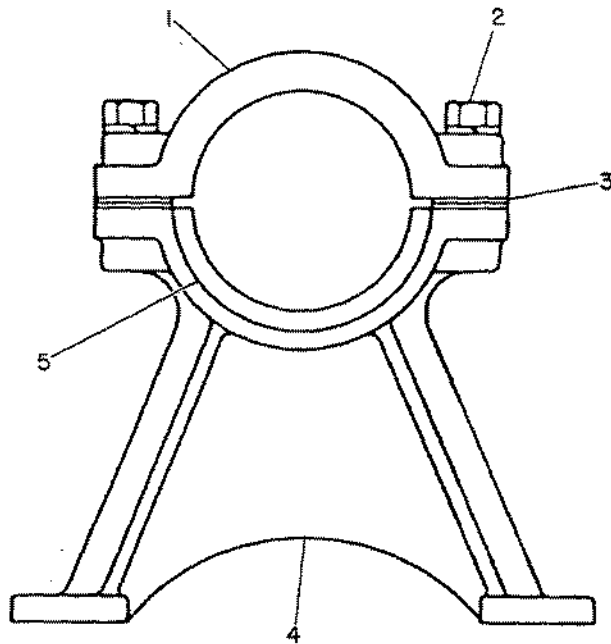
B-461829 EP

1154

9L5765 TRUNNION GP-ENGINE

Cannot Be Used With Industrial Seal Adapter & Front Supports
An Attachment

BASIC ENGINE

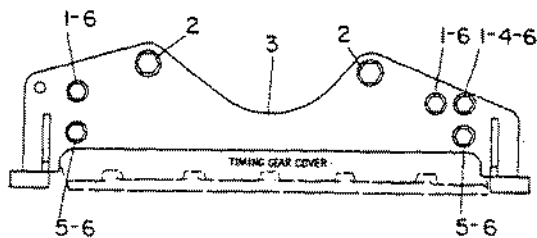


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9L0875	1	CAP-TRUNNION
	2	1B4367	2	BOLT
		3B4510	2	LOCKWASHER
	3	9L0901	12	SHIM (.005IN)THK
		9L0902	2	SHIM (.105IN)THK
	4	8L5427	1	SUPPORT-TRUNNION
	5	9L0865	1	BUSHING-TRUNNION

B-117975 EP

1153

2N8485 SUPPORT GP-ENGINE
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	2H5330	3	BOLT
	2	0L1329	2	BOLT
C		2M0849	2	WASHER
	3	3N1877	1	SUPPORT AS
	4	9S8752	1	NUT-FULL
C	5	0S1594	2	BOLT
C	6	5M2894	6	WASHER

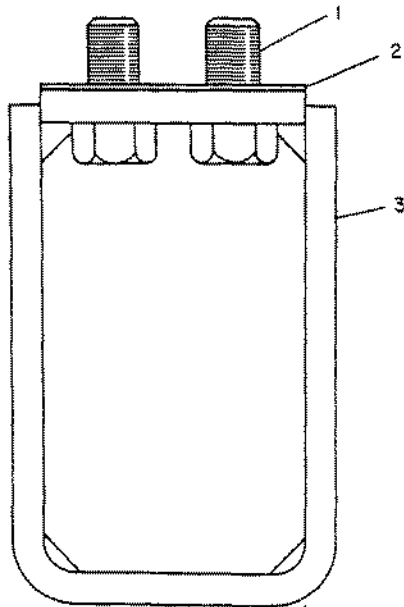
C-CHANGE FROM PREVIOUS TYPE

B-555956 EP

1153

3N2883 SUPPORT GP-ENGINE

BASIC ENGINE



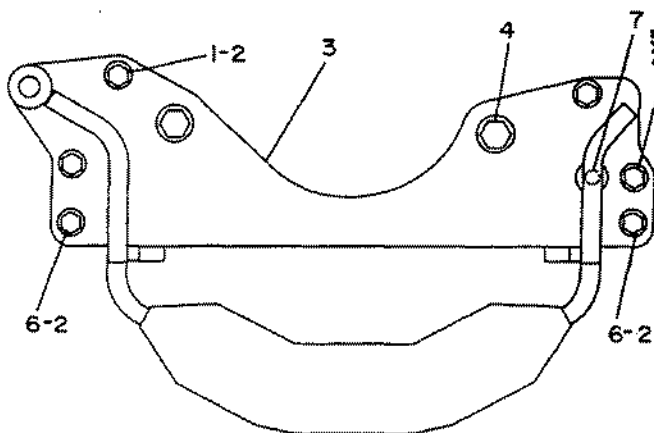
NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	4B4043	4	BOLT 3.49CM(1.375IN.)LONG -OR-
		7S9372	4	BOLT 2.86CM(1.125IN.)LONG
C	2	4L7893	2	SHIM 1.52MM(.0598IN)THK
	3	1N5526	2	SUPPORT AS
C-CHANGE FROM PREVIOUS TYPE				

B-218036 EP

1153

3N6695 SUPPORT GP-ENGINE (FRONT)

For Use With Standard Industrial Type Support
Cannot Be Used With Radiators
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	0T0573	4	BOLT
C	2	5M2894	6	WASHER
	3	7N6059	1	SUPPORT AS
	4	0L1329	2	BOLT
		2M0849	2	WASHER
	5	9S8752	1	NUT-FULL
C	6	1A2029	2	BOLT
C	7	0L2070	1	BOLT
C-CHANGE FROM PREVIOUS TYPE				

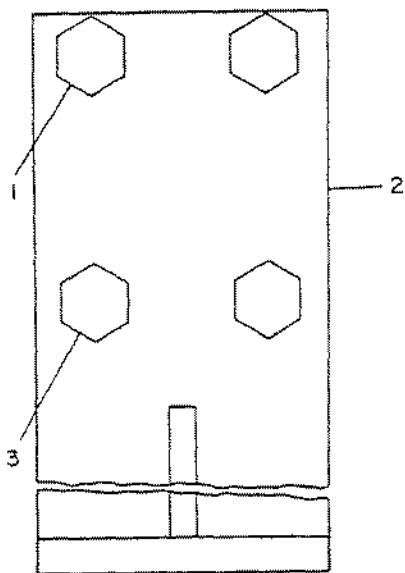
B-555944 EP

1153

7N0744 SUPPORT GP-ENGINE

An Attachment

BASIC ENGINE



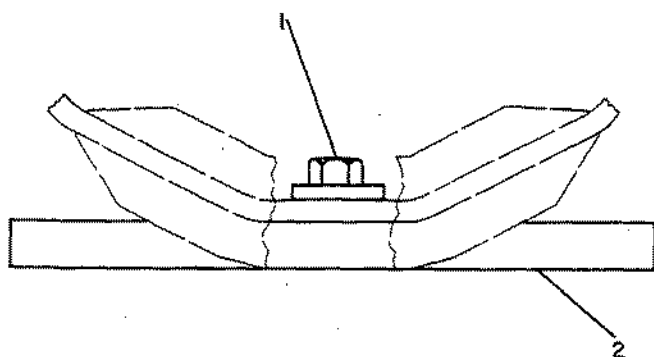
NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	OS1592	4	BOLT
C	2	7N1267	2	SUPPORT AS-REAR
C	3	OS1566	4	BOLT

C-CHANGE FROM PREVIOUS TYPE

B-170580 EP

1154

7N1268 SUPPORT GP-ENGINE (REAR)
An Attachment



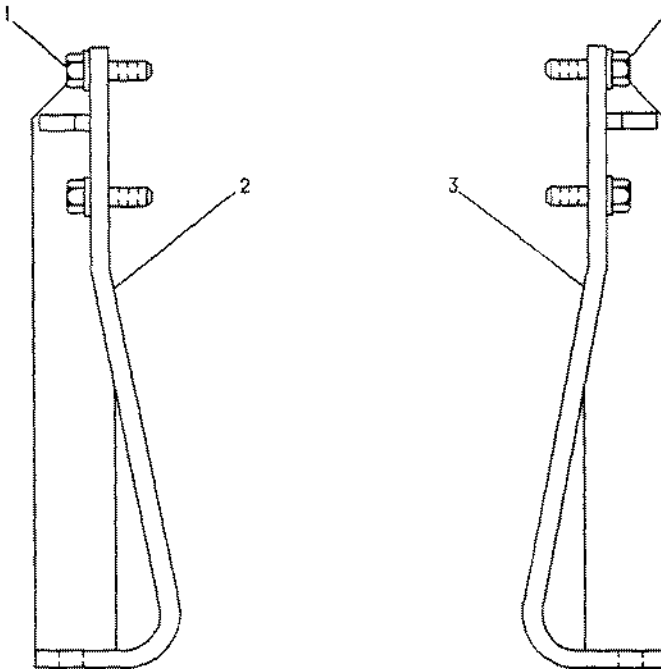
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1A0458	1	BOLT
	2	2V0936	1	WASHER
	2	7N6061	1	PLATE

B-217884 EP

1153

7N8143 SUPPORT GP-ENGINE
An Attachment

BASIC ENGINE

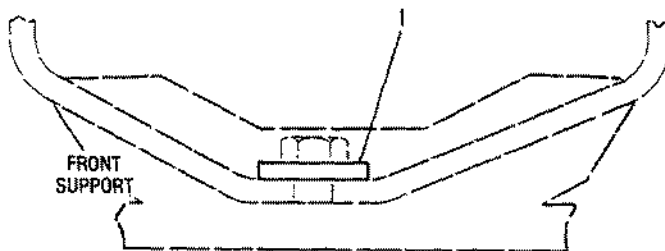


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	OS1585	8	BOLT
		5P8245	8	WASHER
	2	1W6334	1	SUPPORT AS-REAR-LH
	3	1W6333	1	SUPPORT AS-REAR-RH

A-300650 EP

1154

1W6332 SUPPORT GP-ENGINE (REAR)
An Attachment



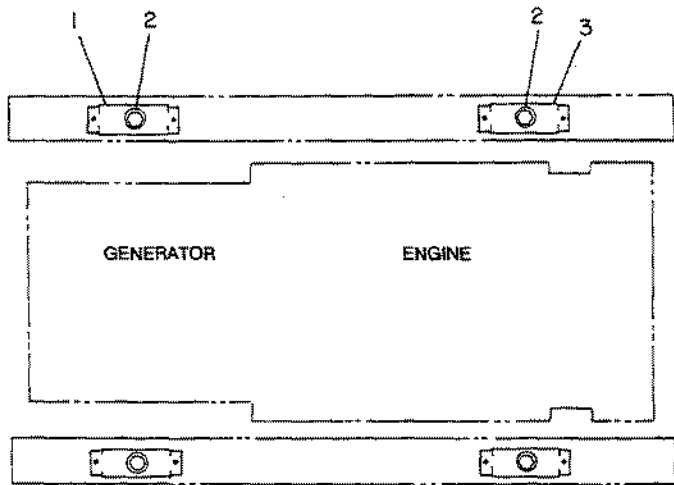
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	2V0936	1	WASHER

B-221866 EP

1153

8N1963 FASTENER GP-FRONT SUPPORT
For Use With 7N0744 Engine Support
An Attachment

BASIC ENGINE

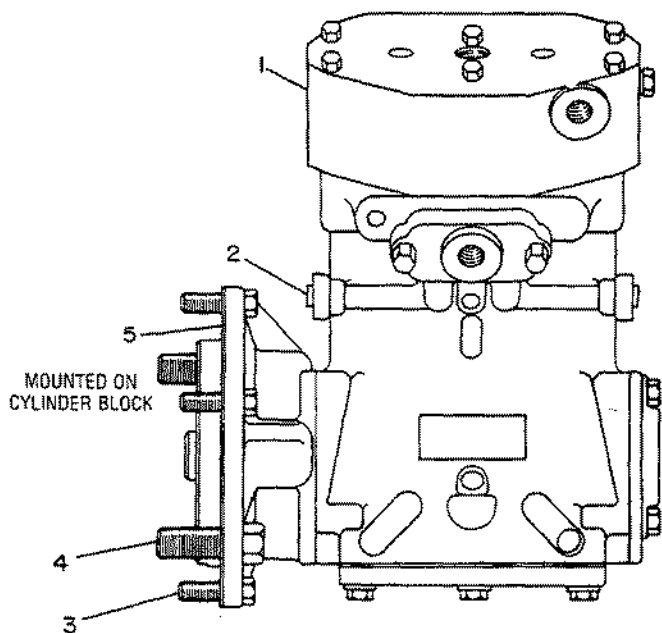


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8N9964	2	MOUNT AS (REAR)
	2	5P7197	4	WASHER
	3	8N9963	2	MOUNT AS (FRONT)

B-228667 EP

1152

8N9558 MOUNTING GP-ENGINE
For Use With Electric Generator Sets
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
YR	1	1W7145	1	AIR COMPRESSOR GP
	2	9F2247	2	PLUG
	3	3B1915	3	BOLT
	4	OS1589	2	BOLT
	5	2P0220	1	GASKET-PUMP
AB		9S3263		COMPOUND-LOCK

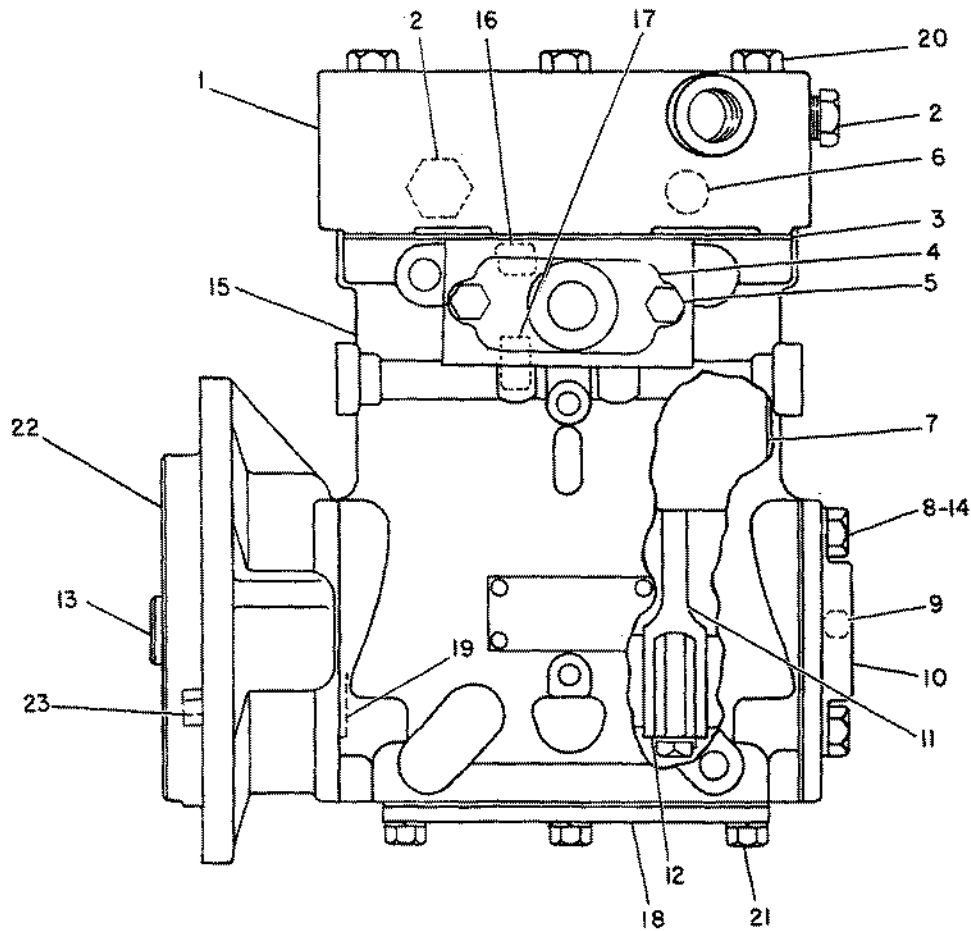
A-NOT PART OF THIS GROUP
B-USE AS REQUIRED
R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

B-300525 EP

1803

9N8069 AIR COMPRESSOR GP
1W7145-Page 55
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	6N2097	1	HEAD AS-COMPRESSOR			3B4506	6	LOCKWASHER
	2	3J5389	2	PLUG		22	1W7119	1	ADAPTER AS
	3	6N2098	1	GASKET-HEAD		23	OT0768	4	BOLT
	4	9M0397	1	ADAPTER-INLET					
		8M7065	1	GASKET-AIR INLET					
	5	2B2695	2	BOLT			8N3666	1	THE FOLLOWING REPAIR KITS ARE AVAILABLE:
		3B4505	2	LOCKWASHER					1 KIT-AIR COMPRESSOR (INCL
	6	2B0858	1	PLUG-PIPE					PISTONS, GUIDE,
	7	7N4837	2	PISTON AS-COMPRESSOR					PLUNGER, SEAT, SPRING,
		1W2803	2	PLUG					SADDLE, RINGS, BOLTS,
	8	5P0060	4	BOLT			6N2109	1	LOCKWASHERS, WASHERS,
	9	5M6214	1	PLUG-PIPE			8N3665	4	LOCK, ETC)
	10	6N2100	1	COVER AS-REAR					1 KIT-PISTON RING
	11	6N2106	2	ROD AS-CONNECTING					4 KIT-SEAL-O-RING
	12	7N0243	2	LOCK-ROD BOLT					
	13	6N7564	1	CRANKSHAFT-AIR COMPRESSOR					
	14	3B4507	4	LOCKWASHER					
	15	8N7653	1	CRANKCASE AS					
	16	9M0381	2	SEAT-INLET VALVE					
	17	7N6172	2	BUSHING-COMPRESSOR					
	18	6N6949	1	COVER-CRANKCASE					
		6N0634	1	GASKET-COVER					
	19	5M6509	2	SEAL-O-RING					
	20	OS1619	6	BOLT					
	21	OT0102	6	BOLT					

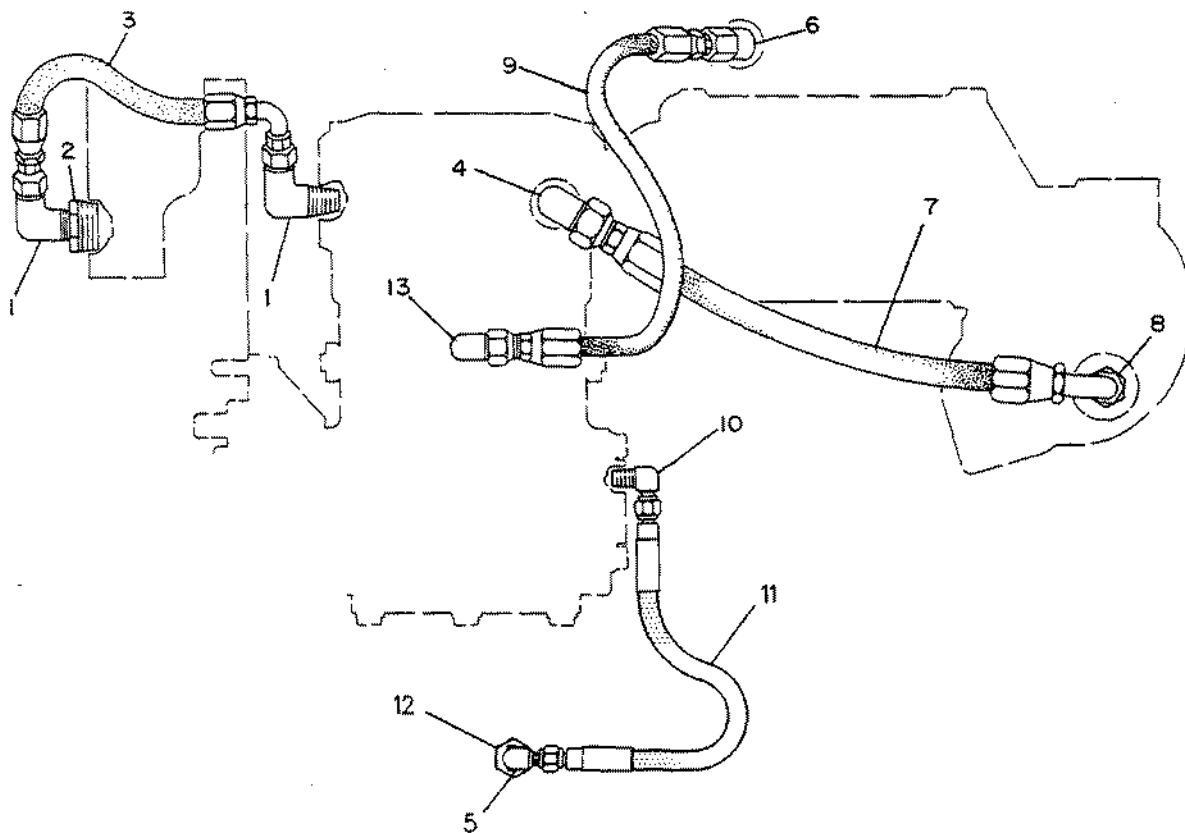
B-USE AS REQUIRED

B-498209 EP

1803

1W7145 AIR COMPRESSOR GP*R
Part Of 9N8069 Air Compressor
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	2N3378	2	ELBOW					
	2	8B2664	1	BUSHING-REDUCER					
I	3	9L5810	1	HOSE AS-END					
C	4	7L7262	1	ELBOW-FLARED					
C	5	6K1972	1	ELBOW-FLARED					
C	6	9L5254	1	ELBOW					
I	7	9N8075	1	HOSE AS-END					
	8	8M0755	1	CONNECTOR					
CI	9	1Y0683	1	HOSE AS					
C	10	2N1287	1	ELBOW-FLARED					
CI	11	3N1295	1	HOSE AS					
BC	12	3B7764	1	BUSHING-TERMINAL					
C	13	321269	1	ELBOW-FLARED					

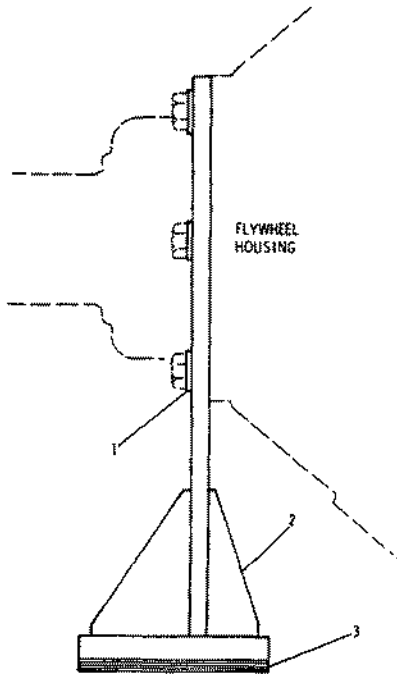
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
I-SEE HOSE FABRICATION GUIDE

R-577615 EP

1803

8N6046 LINES GP-AIR COMPRESSOR
An Attachment

BASIC ENGINE

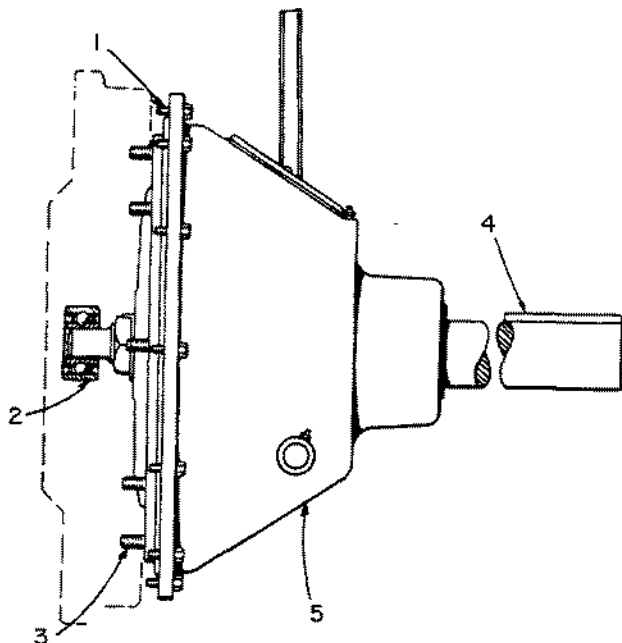


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5P8245	6	WASHER
	2	7L5810	1	SUPPORT AS
	3	9F2187	16	SHIM
				.355MM(.0140IN)THICK
		9F2188	30	SHIM .813MM(.320IN)THICK

B-218049 EP

3055

5N1933 SUPPORT GP-POWER TAKE-OFF CLUTCH
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	OT0320	12	BOLT
	2	6V0455	1	BALL BEARING
	3	OS1595	8	BOLT
	4	6B8575	1	KEY
Y	5	3N9097	1	CLUTCH GP

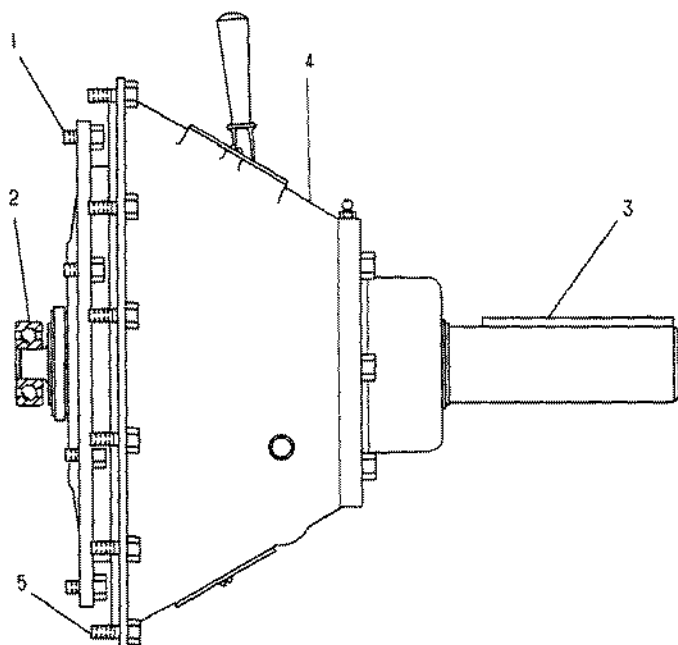
Y-SEPARATE ILLUSTRATION

B-480227 EP

1165

3N9098 POWER TAKE-OFF GP-REAR (CLUTCH)
3N9097-Page 59
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	7B3235	8	BOLT
	2	6V0455	1	BALL BEARING
	3	7F8896	1	KEY
	4	4P3073	1	CLUTCH GP
	5	3H5368	12	BOLT

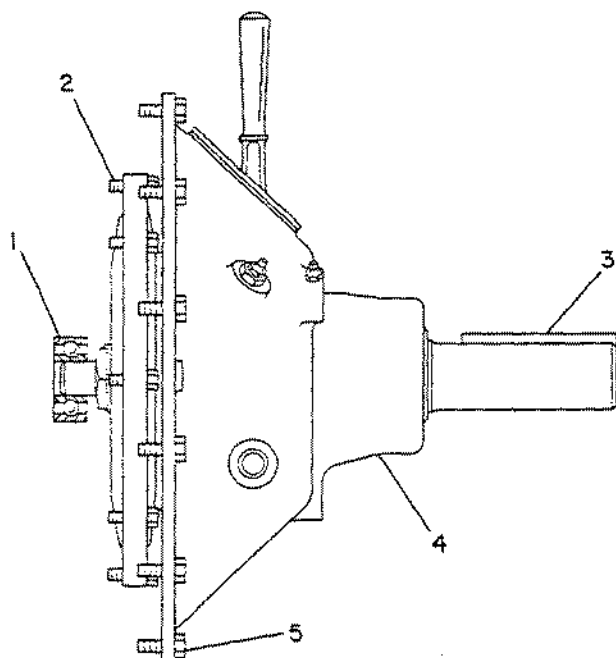
Y-SEPARATE ILLUSTRATION

A-513911 EP

1165

4P3074 POWER TAKE-OFF GP-REAR (CLUTCH)

4P3073-Page 60
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	5P0898	1	BALL BEARING
	2	OS1591	8	BOLT
	3	4L4866	1	KEY-SQUARE
	4	4W2650	1	CLUTCH GP
	5	8T2502	12	BOLT

Y-SEPARATE ILLUSTRATION

B-501426 EP

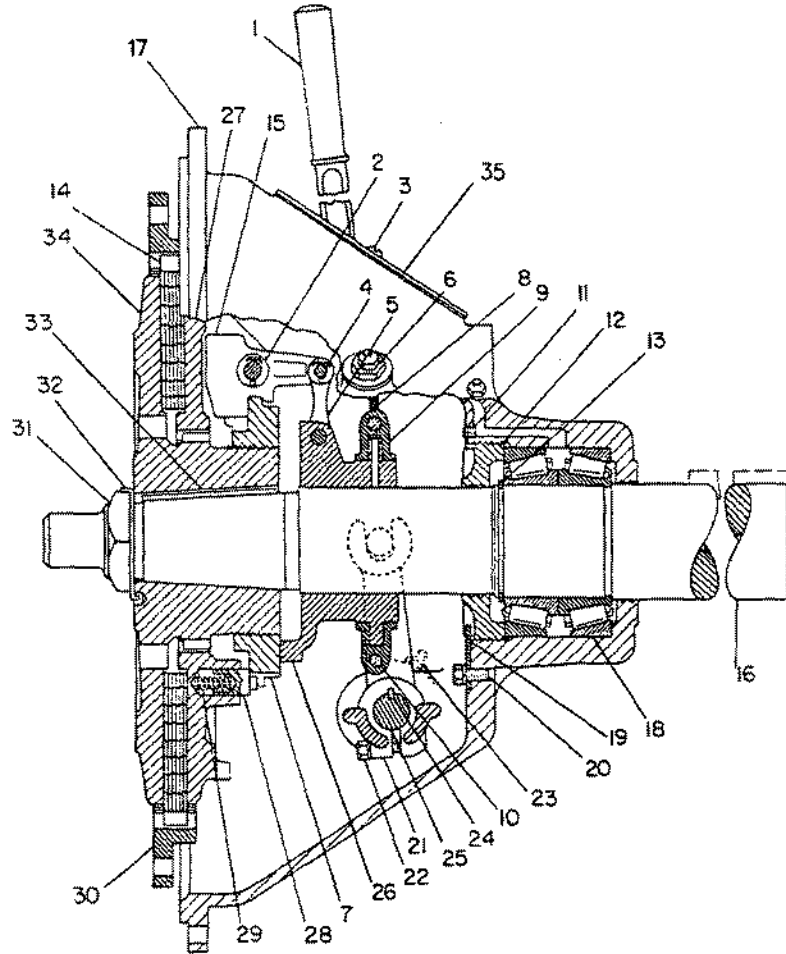
1165

4W2651 POWER TAKE-OFF GP-REAR (CLUTCH)

4W2650-Page 61

For Use With SAE No.2 Flywheel Housing & No.306 Pilot Bearing
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4B4810	1	LEVER AS-HAND		18	1B3922	2	CUP-ROLLER BEARING
		OS1587	1	BOLT			6B3183	2	CONE-ROLLER BEARING
	2	6L3972	4	PIN		19	7L0116	1	LOCK
		6L3961	4	COTTER		20	2H3755	1	BOLT
		1L4863	8	WASHER-SPRING			3F9556	1	LOCKWASHER
	3	1L6931	2	SCREW AS-MACHINE		21	4B4792	1	YOKE AS
	4	6L3967	8	PIN		22	OS1591	2	BOLT
		6L3964	8	COTTER			3B4506	2	LOCKWASHER
	5	4B4721	8	LINK		23	8B7121	2	FITTING-HYDRAULIC
	6	3B8489	2	FITTING-GREASE		24	6L5151	2	KEY-WOODRUFF
		9S1354	1	NUT		25	4B4754	1	SHAFT-GOVERNOR CONTROL
		6F0253	1	LOCKWASHER		26	1L5517	1	SLEEVE-THROW-OUT
	7	3H9572	1	RING-ADJUSTING		27	3N8125	1	PLATE AS-PRESSURE
	8	5B2410	1	HOSE AS		28	3N8123	1	PIN-LOCK
	9	4B4716	1	COLLAR AS-SLEEVE		29	3N8124	1	SPRING-LOCK PIN
	10	OL0639	2	BOLT		30	5N9316	1	RING-DRIVE
		2L6267	2	LOCKNUT		31	4B4752	1	NUT
		4B4758	2	SHIM		32	4B4772	1	LOCK
	11	2L6010	1	PLUG-PIPE		33	5B2417	1	KEY
	12	4B4782	1	RETAINER		34	1L5516	1	PLATE-CLUTCH
	13	3F3729	1	RING-SNAP		35	1083633	1	PLATE-INSTRUCTION
	14	4L3527	1	PLATE-CLUTCH DRIVING					
	15	4H0002	4	LEVER					
	16	3N4086	1	SHAFT-CLUTCH					
	17	8B1303	1	HOUSING-CLUTCH					
		1083560	1	PLATE-WARNING					

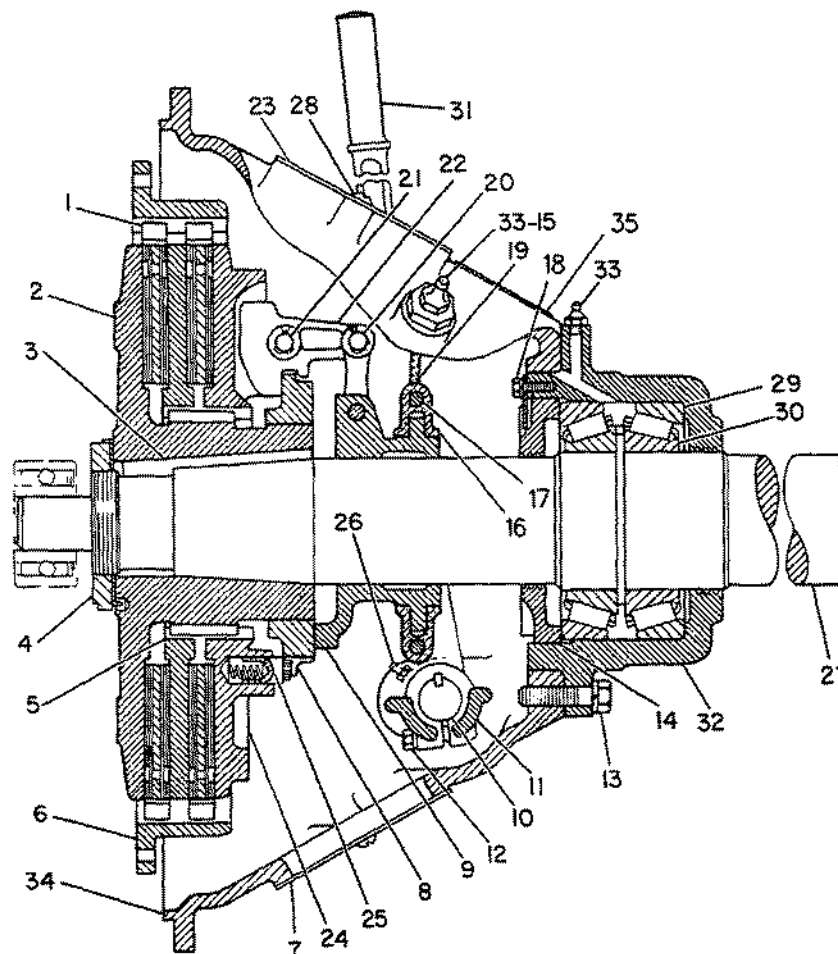
C-CHANGE FROM PREVIOUS TYPE

R-577613 EP

3055

3N9097 CLUTCH GP
Part Of 3N9098 Power Take Off
An Attachment

BASIC ENGINE



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4P0411	2	PLATE-CLUTCH		18	051617	1	BOLT
	2	5L9652	1	HUB			3F9556	1	LOCKWASHER
	3	8B7987	1	KEY			5B2407	1	LOCK
	4	5L9653	1	NUT		19	5B2410	1	HOSE AS 38.1CM(15IN)
		5L9654	1	LOCK		20	4B4721	8	LINK
	5	3H9571	1	PLATE-CENTER			6L3967	8	PIN
	6	5N9317	1	RING-DRIVE			3B5301	8	COTTER
	7	7F8897	1	PLATE		21	6L3972	4	PIN
	8	3H9572	1	RING-ADJUSTING			3B4627	4	COTTER
	9	3H9574	1	SLEEVE			1L4863	8	WASHER-SPRING
	10	4B4754	1	SHAFT-GOVERNOR CONTROL		22	4H0002	4	LEVER
		6L5151	2	KEY-WOODRUFF		23	1083633	1	PLATE-INSTRUCTION
	11	4B4792	1	YOKE AS		24	3N8125	1	PLATE AS-PRESSURE
	12	0S1591	2	BOLT		25	3N8124	1	SPRING-LOCK PIN
		3B4506	2	LOCKWASHER			3N8123	1	PIN-LOCK
	13	1A1460	6	BOLT		26	8B7121	2	FITTING-HYDRAULIC
		5P8245	6	WASHER		27	3N4896	1	SHAFT-CLUTCH
	14	5L9655	1	RETAINER-BEARING		28	1S7443	4	SCREW-MACHINE
	15	9S1354	1	NUT			1H3338	4	LOCKWASHER
		6F0253	1	LOCKWASHER		29	6B3223	2	CUP-BEARING
	16	4B4716	1	COLLAR AS-SLEEVE		30	4B7270	2	CONE-BEARING
	17	0L0639	2	BOLT		31	4B4810	1	LEVER AS-HAND
		2L6267	2	LOCKNUT		32	7F8916	1	CARRIER-BEARING
		4B4758	2	SHIM		33	3B8489	2	FITTING-GREASE
					C	34	7W7155	1	HOUSING-CLUTCH
						35	1083560	1	PLATE-WARNING

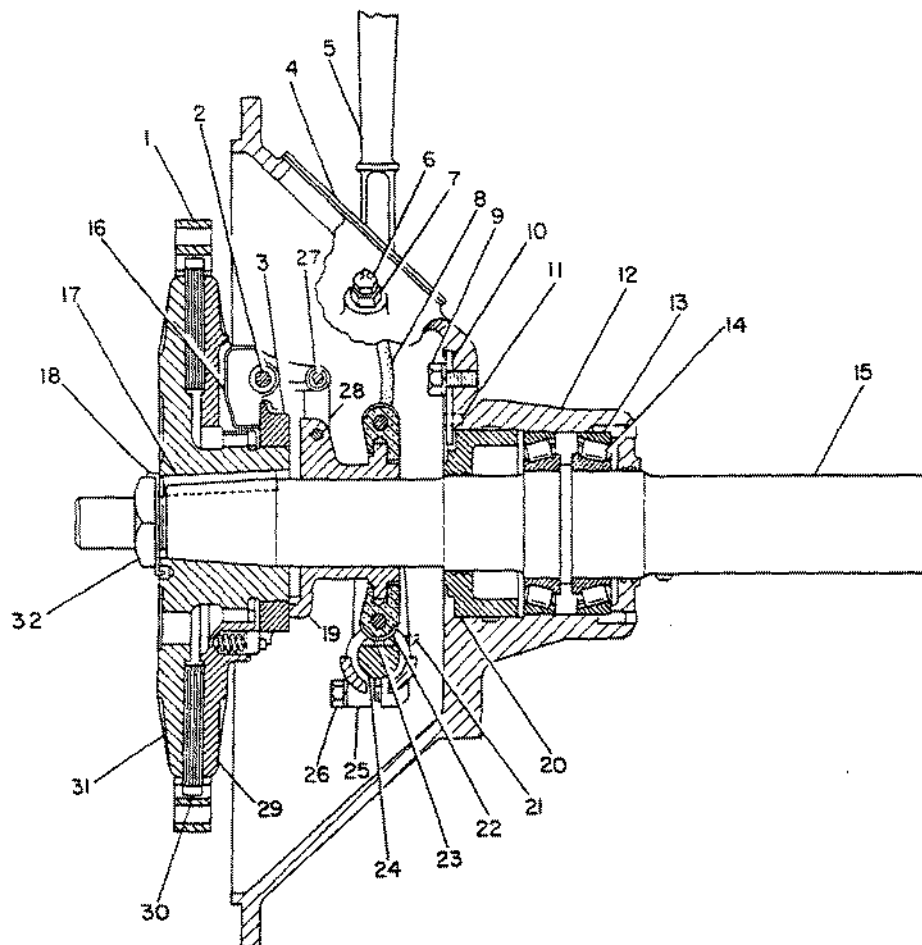
C-CHANGE FROM PREVIOUS TYPE

R-577612 EP

3055

4P3073 CLUTCH GP
Part Of 4P3074 Power Take Off
An Attachment

BASIC ENGINE



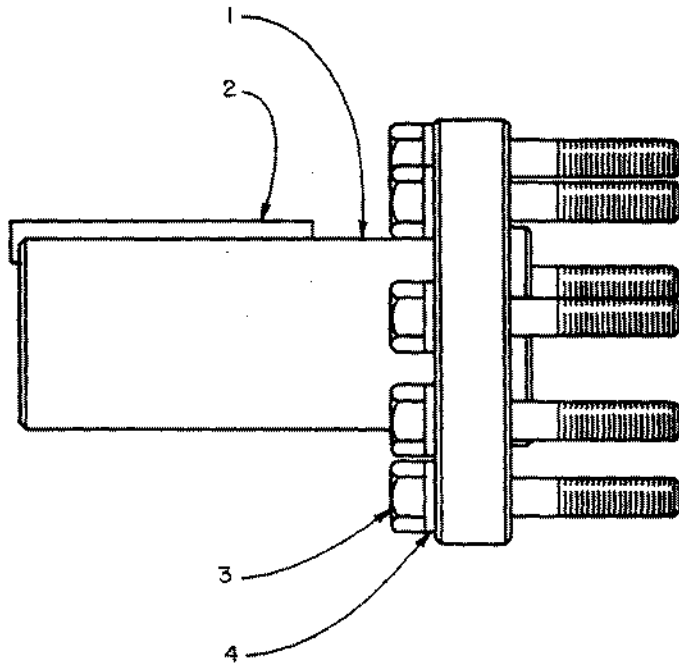
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5N9315	1	RING-DRIVE		20	2N9363	1	RETAINER-BEARING
	2	6L3966	3	PIN		21	8B7121	2	FITTING-HYDRAULIC
		6L3964	3	COTTER		22	4B4715	1	COLLAR AS
		5D2751	6	WASHER-SPRING			0L0639	2	BOLT
	3	2L8262	1	RING-ADJUSTING			2L6267	2	LOCKNUT
	4	1083561	1	PLATE-INSTRUCTION			4B4722	2	SHIM
		1083560	1	PLATE-WARNING		23	6L5151	2	KEY-WOODRUFF
		1L6931	2	SCREW AS-MACHINE		24	4B4756	1	SHAFT-GOVERNOR CONTROL
	5	4W2652	1	LEVER AS-HAND		25	4B4725	1	YOKE
		0S1587	1	BOLT		26	0S1591	2	BOLT
	6	3B8489	2	FITTING-GREASE			9F5644	2	LOCKWASHER
	7	9S1354	1	NUT		27	6L3965	6	PIN
		6F0253	1	LOCKWASHER			6L3960	6	COTTER
	8	4B4775	1	HOSE AS (12.0IN)		28	5B5251	6	LINK
	9	2H3755	1	BOLT		29	3N7953	1	PLATE AS
		3F9556	1	LOCKWASHER			3N7954	1	PIN-LOCK
	10	7L0116	1	LOCK			3N7955	1	SPRING-LOCK PIN
	11	5B6159	1	SETSCREW-POINT		30	3N7952	1	PLATE-DRIVE
	12	5L4202	1	HOUSING-CLUTCH		31	2L8256	1	PLATE-HUB & BACK
	13	6B3224	2	CUP-BEARING		32	2L8257	1	NUT-HUB
	14	4B7255	2	CONE-BEARING					THE FOLLOWING REPAIR
	15	4W2649	1	SHAFT-CLUTCH			5N3789	1	KIT IS AVAILABLE:
	16	2L8259	3	LEVER					CLUTCH AS (CLUTCH)
	17	1L9087	1	KEY					(INCLUDES LEVERS, PINS,
	18	4B4771	1	LOCK					LINK, COLLAR, SLEEVE,
	19	2L8260	1	SLEEVE-SLIDING					RINGS, PLATES & WASHER)

B-577608 EP

3055

4W2650 CLUTCH GP
Part Of 4W2651 Power Take Off
An Attachment

BASIC ENGINE



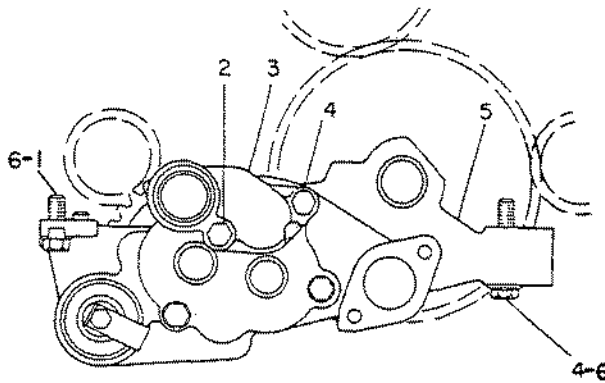
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6L2704	1	SHAFT-GOVERNOR CONTROL
	2	1D2328	1	KEY
	3	OS2353	9	BOLT
	4	4D3704	9	WASHER-HARD

B-479756 EP

1237

6L2692 SHAFT GP-STUB
Rear Mounted
An Attachment

LUBRICATION SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
CY	1	3B1915	2	BOLT
	2	OS1619	1	BOLT
	3	4N5353	1	ELBOW-LINE
		2P8746	1	GASKET
	4	OS1590	3	BOLT
	5	6N2642	1	PUMP GP-ENGINE OIL
	6	5M2894	4	WASHER

C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

R-542638 EP

1304

2P1784 PUMP GP-ENGINE OIL
6N2642-Page 63.01

LUBRICATION SYSTEM

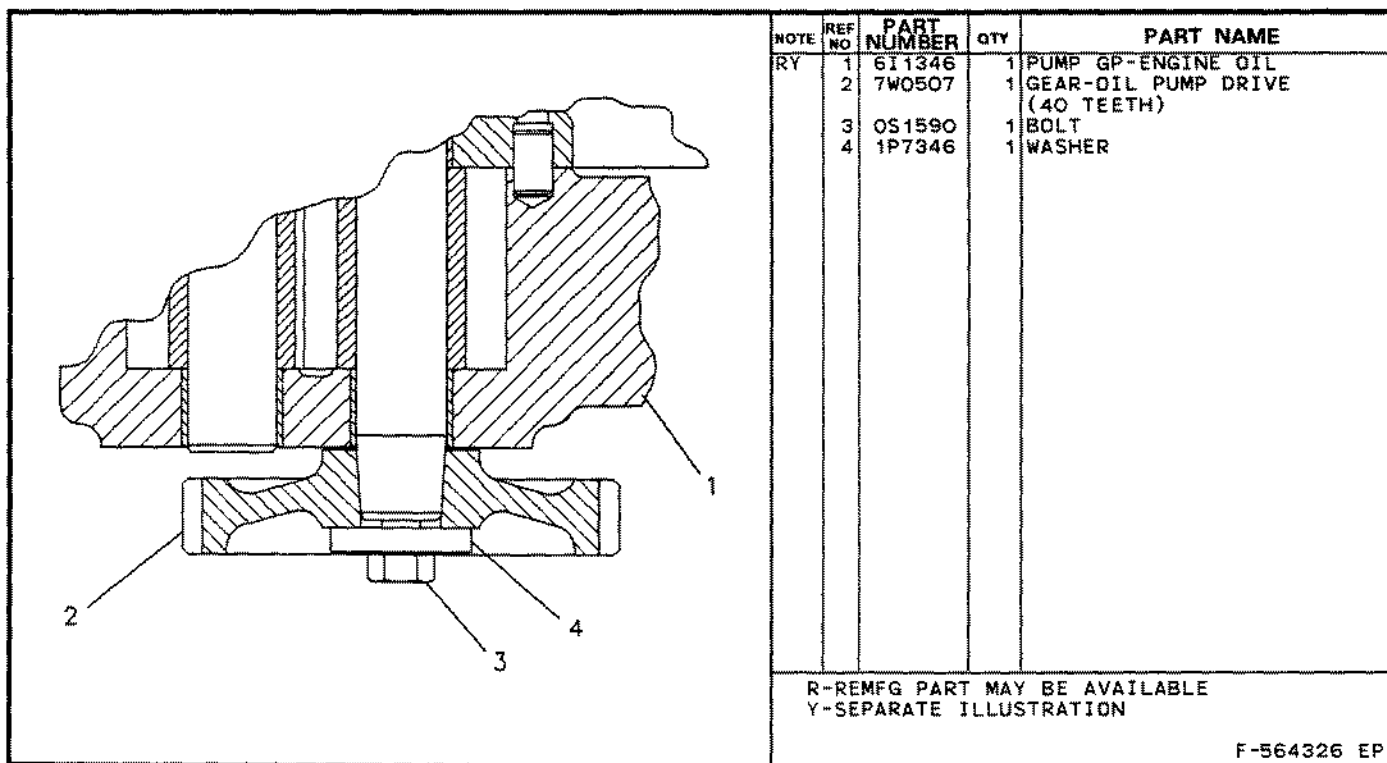
PAGE

- 1 4P4020 PUMP GP-ENGINE OIL..... 63.02
- 1 OS1590 BOLT
- 1 7W0507 GEAR-OIL PUMP DRIVE
- 1 8M5599 KEY-SPECIAL WOODRUFF
- 1 1P7346 WASHER

528893 P

1304

6N2642 PUMP GP-ENGINE OIL
S/N 2B17737-17921
Part Of 2P1784 Pump-Engine Oil



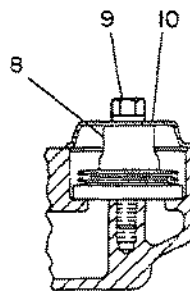
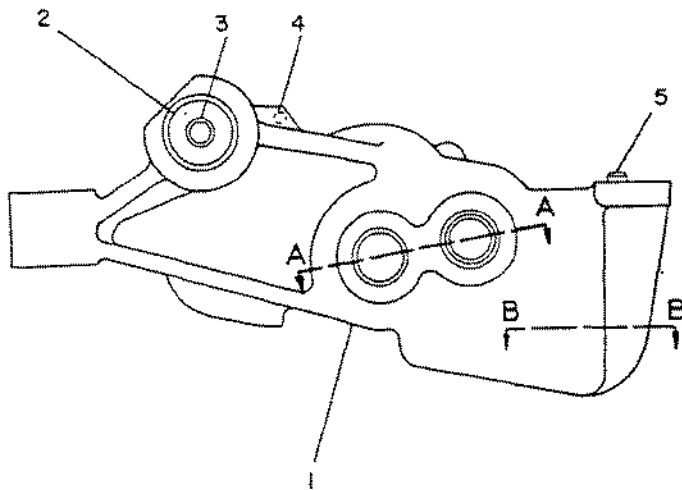
1304

6N2642 PUMP GP-ENGINE OIL
S/N 02B17922-Up
6I1346-Page 64
Part Of 2P1784 Pump-Engine Oil

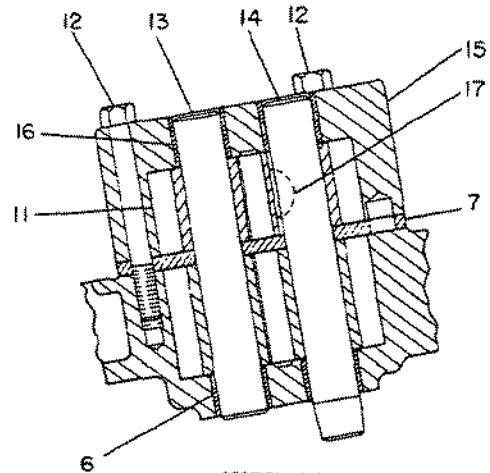
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SEBP2156

LUBRICATION SYSTEM



SECTION B-B



SECTION A-A

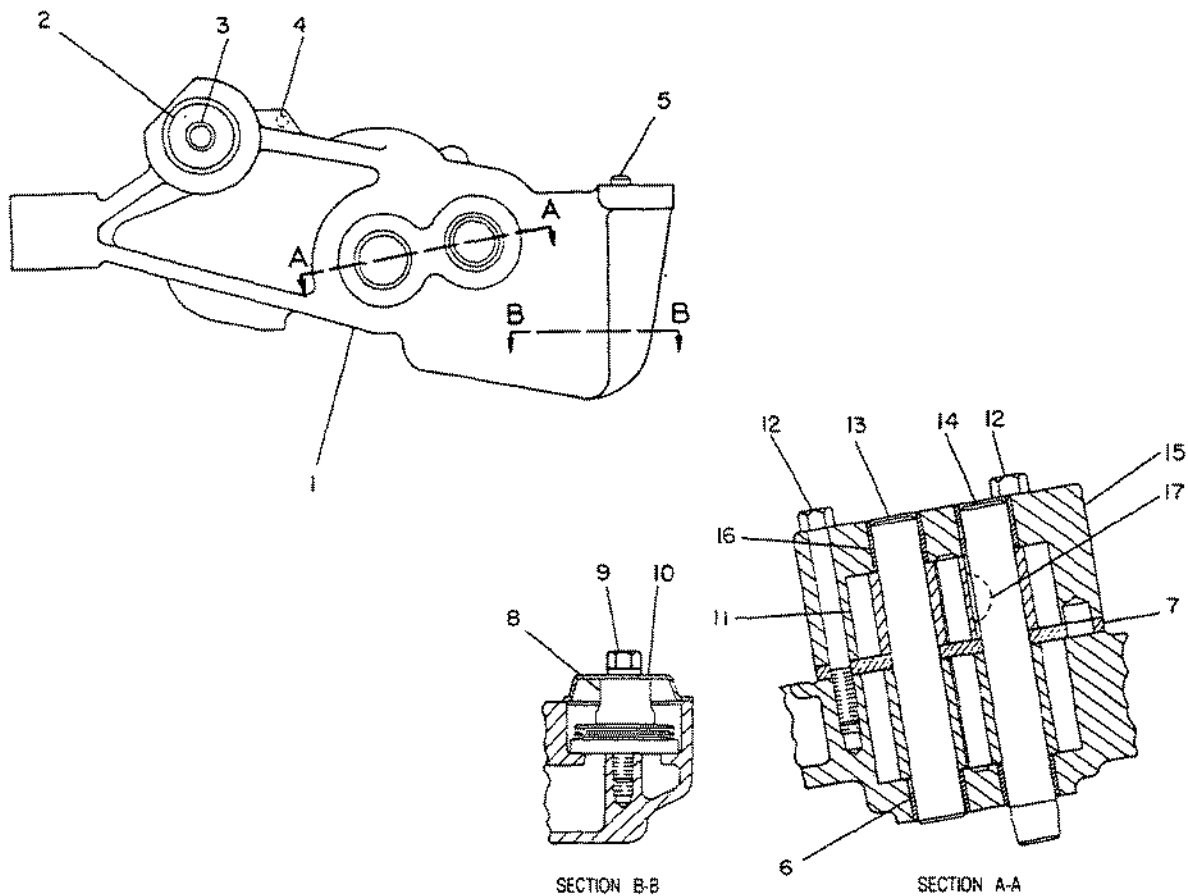
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4W2322	1	BODY AS-OIL PUMP					
	2	2P1170	1	SHAFT AS-GEAR					
	3	4B9782	1	BALL					
	4	4B9880	1	BALL					
	5	1F1006	1	DOWEL					
	6	8S6511	2	BEARING-SLEEVE					
	7	2P1781	1	SPACER-OIL PUMP					
	8	4P3546	1	VALVE AS-RELIEF					
	9	2B2694	1	BOLT					
		9M1974	1	WASHER-HARD					
	10	4N3732	1	COVER-VALVE					
	11	6N1036	2	GEAR-OIL PUMP (8 TEETH)					
	12	OT0065	3	BOLT					
	13	8S0493	1	SHAFT AS-PUMP					
	14	2P6245	1	SHAFT AS-PUMP					
	15	4W2321	1	BODY AS-PUMP					
	16	8S6511	2	BEARING-SLEEVE					
	17	1B8709	1	KEY-WOODRUFF					

B-505511 EP

1304

4P4020 PUMP GP-ENGINE OIL
Two Section Gear
Part Of 6N2642 Pump-Engine Oil

LUBRICATION SYSTEM



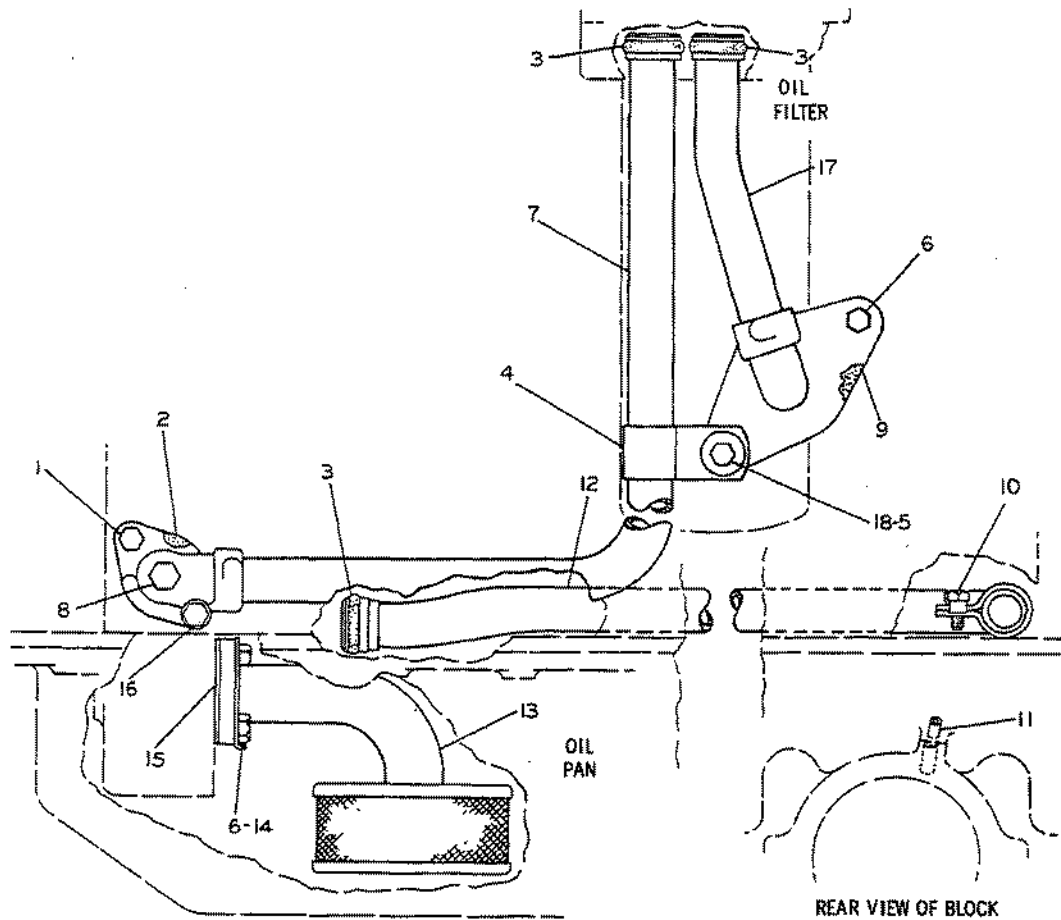
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4W2322	1	BODY AS-OIL PUMP					
	2	2P1170	1	SHAFT AS-GEAR					
	3	4B9782	1	BALL					
	4	4B9880	1	BALL					
	5	1F1006	1	DOWEL					
	6	8S6511	2	BEARING-SLEEVE					
	7	2P1781	1	SPACER-OIL PUMP					
	8	4P3546	1	VALVE AS-RELIEF					
	9	2B2694	1	BOLT					
		9M1974	1	WASHER-HARD					
	10	4N3732	1	COVER-VALVE					
	11	6N1036	2	GEAR-OIL PUMP (8 TEETH)					
	12	OTO065	3	BOLT					
	13	8SO493	1	SHAFT AS-PUMP					
	14	6I1345	1	SHAFT AS-OIL PUMP					
	15	4W2321	1	BODY AS-PUMP					
	16	8S6511	2	BEARING-SLEEVE					
	17	1B8709	1	KEY-WOODRUFF					

B-551688 EP

1304

6I1346 PUMP GP-ENGINE OIL*R
Part Of 6N2642 Pump-Engine Oil

LUBRICATION SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C C C	1	1A2029	1	BOLT					
	2	2M5407	1	GASKET					
	3	9M4849	3	SEAL-O-RING					
	4	4L3641	1	CLIP					
	5	1L5081	1	SPACER					
	6	OS1594	3	BOLT					
	7	8N7318	1	TUBE AS-INLET					
	8	5M6213	1	PLUG					
	9	7F7590	1	GASKET					
	10	OT0102	1	BOLT					
		OL0364	1	LOCK					
	11	2S1541	4	ORIFICE-JET					
	12	9Y7589	1	TUBE AS-SCAVENGE					
	13	7C2880	1	BELL AS-SUCTION					
	14	8S8874	1	LOCK-NUT					
	15	8M0904	1	GASKET					
	16	OL2070	1	BOLT					
	17	8N7315	1	TUBE AS-OUTLET					
	18	OS1571	1	BOLT					
		5M2894	1	WASHER					

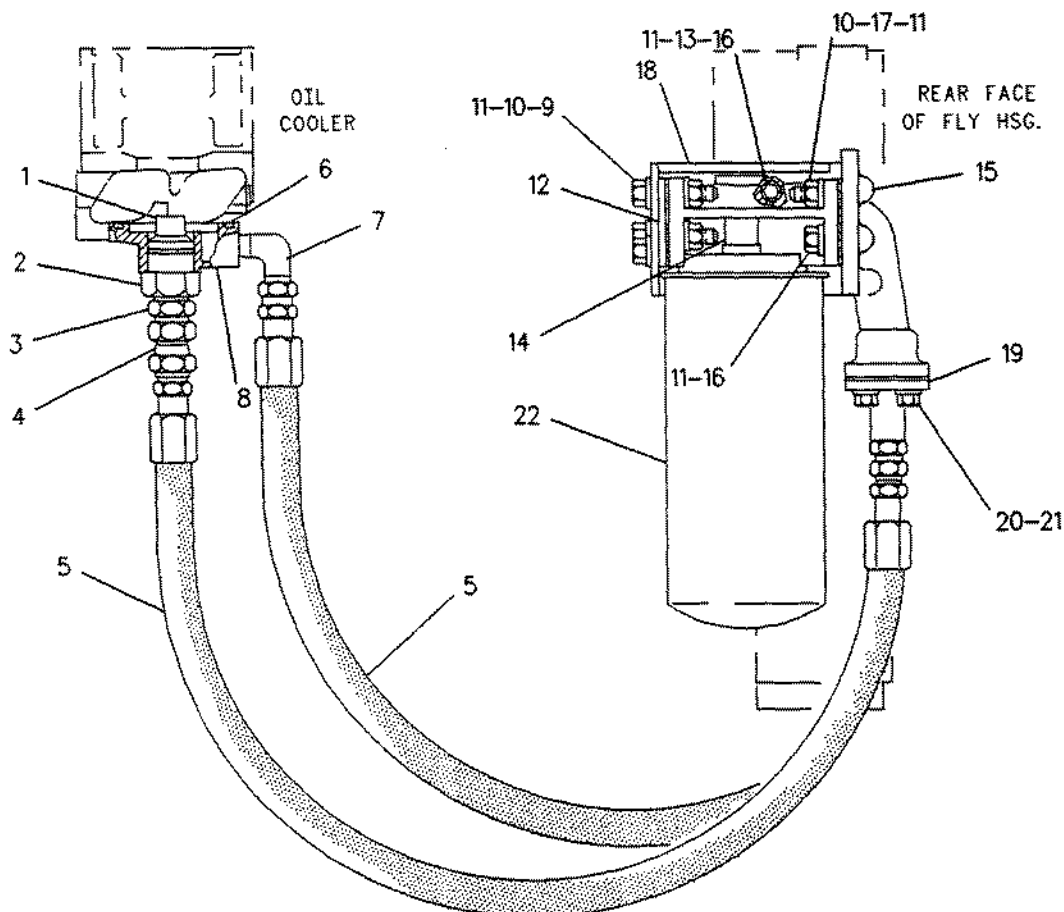
C-CHANGE FROM PREVIOUS TYPE

B-479842 EP

1307

2P6512 LINES GP-ENGINE OIL

LUBRICATION SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	2P4315	1	STUD-HOLLOW					
	2	7F0216	1	NUT-JAM					
	3	5S2392	1	FITTING					
	4	5P2244	1	UNION-ADAPTER					
	5	5N9411	2	HOSE AS					
	6	8H7521	1	SEAL-O-RING					
	7	9L4007	1	ELBOW-FLARED					
	8	2P4316	1	ADAPTER-FILTER BASE					
	9	6F6673	1	SEAL-O-RING					
	10	2A4639	4	BOLT					
	11	9S8752	6	NUT-FULL					
	12	5M2894	14	WASHER					
	13	9L5717	1	COVER-BASE					
	14	2P4305	2	GASKET					
	15	6H7127	2	LUG					
	16	2P4303	1	BASE AS-OIL FILTER					
	17	2P4304	1	STUD-TAPERLOCK					
	18	7N3300	1	ADAPTER-FILTER BASE					
	19	OS1588	4	BOLT					
	20	2M1538	2	STUD-TAPERLOCK					
	21	5N9412	1	BRACKET AS					
	22	5N9536	1	PLATE AS					
	23	2D0091	2	GASKET					
	24	4F8965	4	BOLT					
	25	5P8244	4	WASHER					
	26	2B7557	4	CORK					

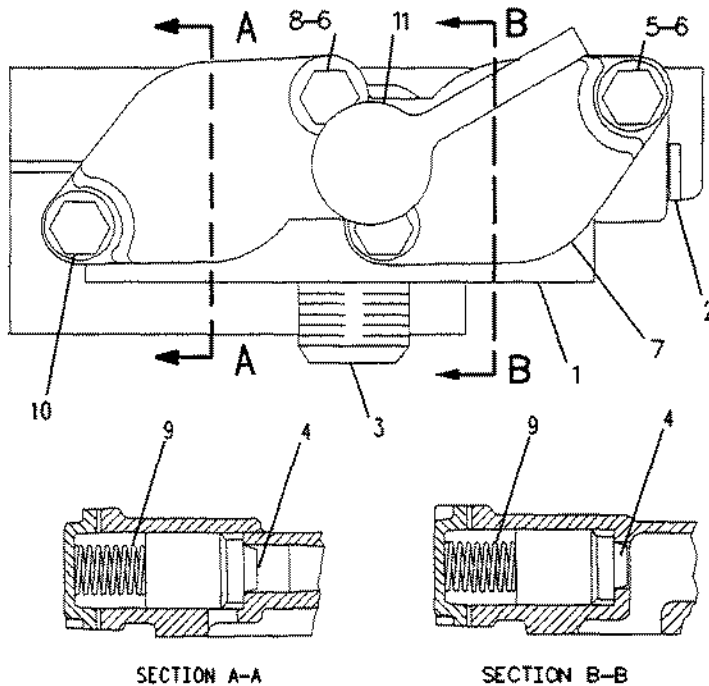
C-CHANGE FROM PREVIOUS TYPE

F-577607 EP

1318

5N9410 FILTER GP-ENGINE OIL
An Attachment

LUBRICATION SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	9Y7149	1	BASE AS-OIL FILTER
		3B0645	3	PLUG-CUP
	2	2B0858	1	PLUG-PIPE
	3	2P2537	1	STUD-HOLLOW
	4	1P1367	2	PLUNGER
C	5	OS1618	1	BOLT
	6	9M1974	3	WASHER-HARD
C	7	9Y6859	1	COVER
C		9Y6860	1	GASKET
C	8	1B2790	2	BOLT
	9	8M3182	2	SPRING
B	10	OS1618	1	BOLT
B		9M1974	1	WASHER-HARD
C	11	8C3445	1	CAP-DUST
C		3U7354	1	SEAL-O-RING
C		8C3446	1	VALVE

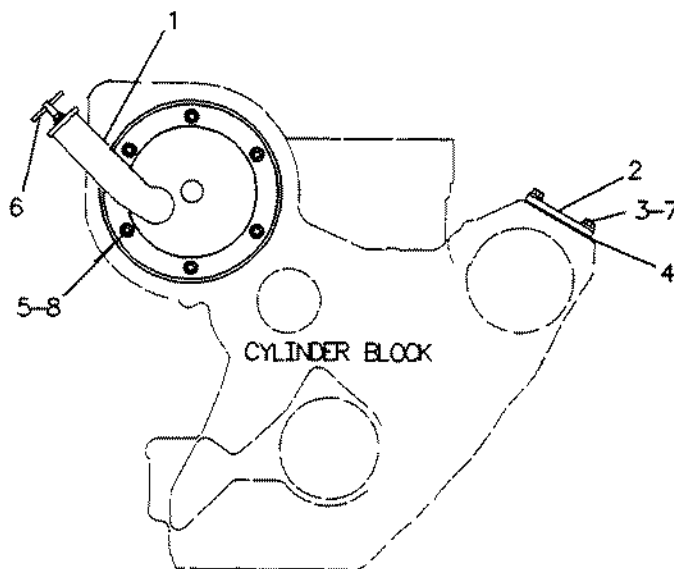
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE

F-534616 EP

1306

8N4457 BASE GP-OIL FILTER

Part Of 2W6954 & 7E3392 Coolers-Filter Base & Engine Oil



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1W5464	1	FILLER AS-OIL
C		6N7887	1	GASKET-HOUSING COVER
	2	4N4526	1	COVER
C	3	OL1351	2	BOLT
	4	2P2720	1	GASKET
	5	3S2713	6	NUT-FULL
	6	5L2952	1	CAP AS-OIL FILLER
		6L2609	1	SEAL-RUBBER
C	7	5M2894	2	WASHER
	8	8M9024	6	WASHER-HARD

C-CHANGE FROM PREVIOUS TYPE

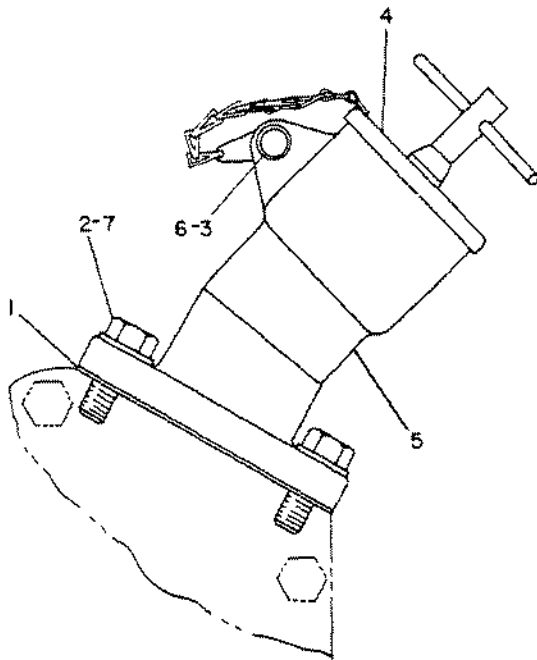
R-513848 EP

1316

4N6975 FILLER GP-OIL

An Attachment

LUBRICATION SYSTEM



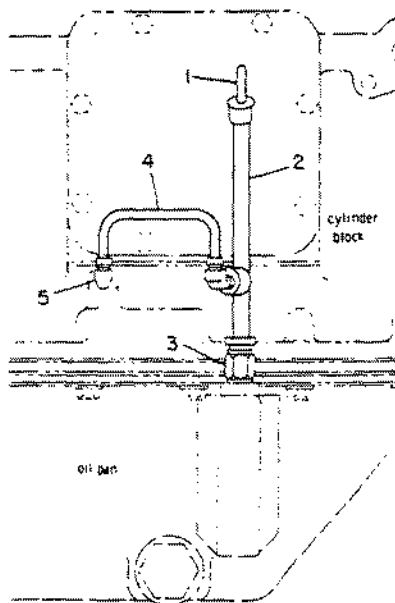
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	2P2720	1	GASKET
C	2	1A2029	2	BOLT
	3	9M5732	1	RIVET-POP
C	4	6N2985	1	CAP AS-FILLER
	5	2P2719	1	PIPE-OIL FILLER
	6	2A3211	1	WASHER
C	7	5M2894	2	WASHER

C-CHANGE FROM PREVIOUS TYPE

B-403565 EP

1316

2P6855 FILLER GP-OIL



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3N4244	1	GAUGE AS-OIL LEVEL
	2	3N4164	1	TUBE AS-GUIDE
C	3	8S1326	1	CONNECTOR AS
	4	2P2697	1	TUBE AS-AIR VENT
	5	5K9243	2	ELBOW-FLARED

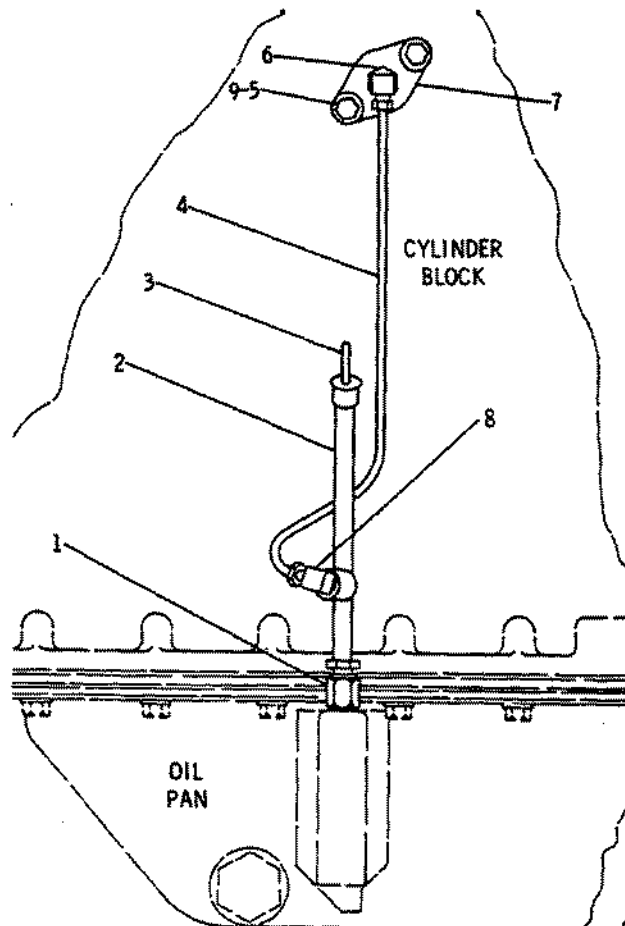
C-CHANGE FROM PREVIOUS TYPE

B-223596 EP

1326

3N2925 GAUGE GP-OIL LEVEL (DIPSTICK)

LUBRICATION SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8S1326	FITTING-----	1
		(Includes)	
	8F8998	NUT-----	1
2	3N4164	TUBE ASSEM.-----	1
3	3N4244	GAUGE ASSEM.-----	1
4	4N4754	TUBE ASSEM.-----	1
C 5	S1594	BOLT-----	2
6	3B7721	BUSHING-----	1
C 7	1W9353	COVER-----	1
	4M2250	GASKET-----	1
8	5K9243	ELBOW-----	2
C 9	5M2894	WASHER-----	2

C INDICATES CHANGE

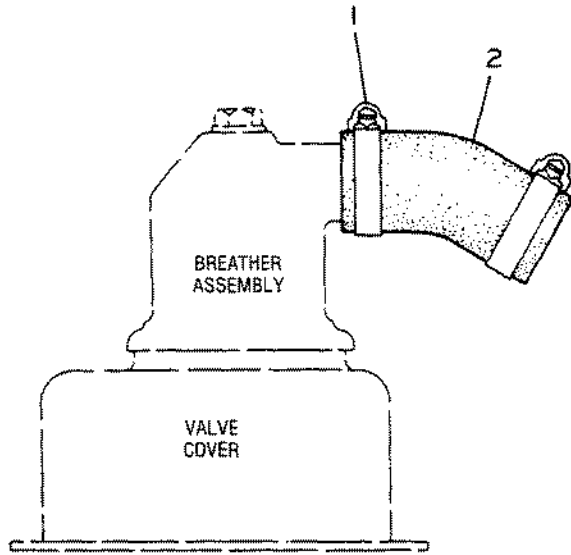
302484

302484 EP

1326

4N7143 GAUGE GP-OIL LEVEL (DIPSTICK)
An Attachment

LUBRICATION SYSTEM

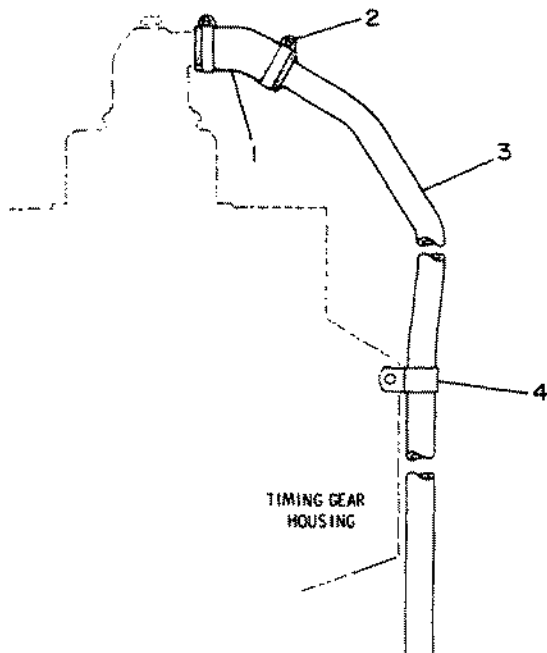


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9M2904	2	CLAMP-HOSE
	2	8S0780	1	HOSE

B-117712 EP

1317

3N3277 FUMES DISPOSAL GP
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8S0780	1	HOSE
	2	9M2904	2	CLAMP-HOSE
	3	2P3767	1	TUBE
	4	1S4557	1	CLIP

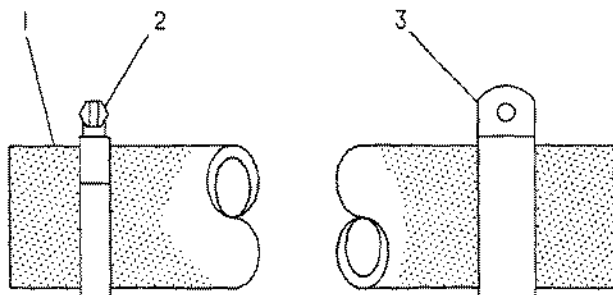
C-CHANGE FROM PREVIOUS TYPE

B-205716 EP

1317

3N3392 FUMES DISPOSAL GP
An Attachment

LUBRICATION SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	5N5570	1	HOSE
	2	9M2904	1	CLAMP-HOSE
	3	1S0833	1	CLIP

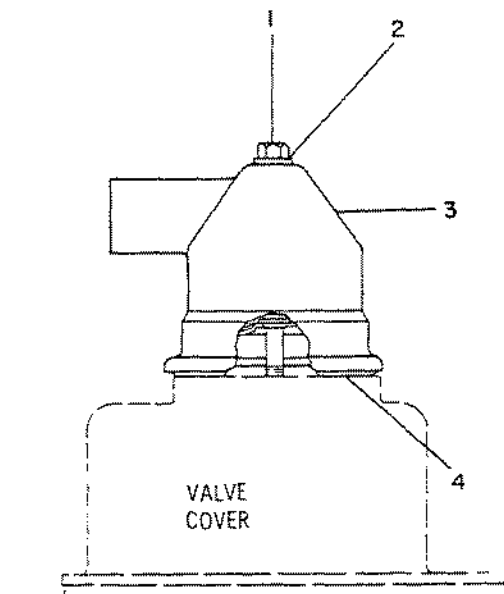
B-USE AS REQUIRED

A-330642 EP

1317

4W0276 FUMES DISPOSAL GP

For Use With Blower Fan, Generator Set & Enclosure
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C C C C	1	3H3243	1	BOLT
	2	9N0869	1	WASHER
	3	2W9162	1	BREATHER AS
	4	4L9564	1	SEAL-O-RING

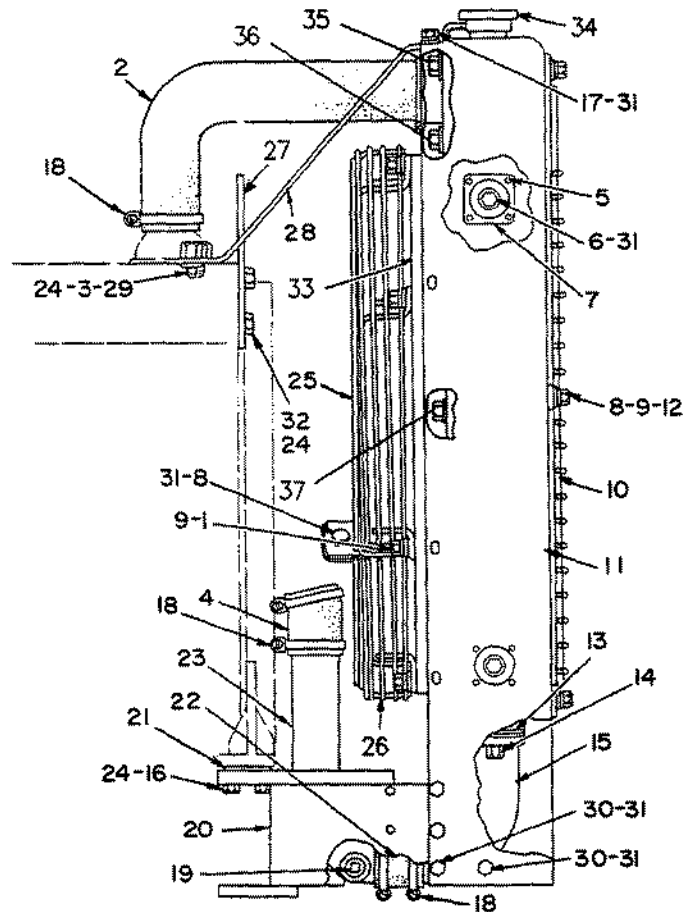
C-CHANGE FROM PREVIOUS TYPE

B-403837 EP

1317

1P4244 BREATHER GP

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	OS0509	8	BOLT		25	2W3889	1	GUARD AS-FAN (UPPER)
	2	3N6036	1	HOSE-OUTLET		26	2W3891	1	GUARD AS-FAN (LOWER)
	3	OS1585	1	BOLT 3.81CM(1.5IN)LONG			9F2978	2	NUT-WELD
	4	7N2597	1	SPACER		27	8N3272	1	PLATE-LIFTING EYE
	5	3N6033	1	HOSE-PUMP INLET		28	6N7870	1	BRACE
	6	9M5733	16	RIVET-POP		29	OS1595	1	BOLT 3.18CM(1.25IN)LONG
	7	2A4639	4	BOLT		30	OL1351	8	BOLT
	8	2L4238	4	MOUNT-FLEXIBLE		31	5M2894	16	WASHER
	9	OS1594	8	BOLT		32	4B3823	4	BOLT
	10	3F1417	14	WASHER		33	4L2114	1	RADIATOR GP
	11	8L4533	1	GUARD-RADIATOR		34	6L8617	1	CAP-RADIATOR
	12	8L4492	1	SHELL AS-RADIATOR		35	8T6767	1	PLUG-PIPE
	13	9F2978	6	NUT-WELD		36	8T6765	1	PLUG-PIPE
	14	3L1585	1	GASKET		37	5S7349	8	BOLT
	15	4F8965	2	BOLT			8T4205	8	WASHER-HARD
	16	4L2138	1	ELBOW-RADIATOR OUTLET					J- USED WITHOUT HOOD & DASH OR HOOD DOORS AND BASE GROUP
	17	OS1592	4	BOLT					
	18	OTO102	2	BOLT					
	19	9M7959	6	CLAMP					
	20	1B5174	1	PLUG-PIPE					
	21	4L2921	1	SUPPORT AS-RH					
	22	4L2922	1	SUPPORT AS-LH					
	23	4L7893	4	SHIM 1.52MM(.0598IN)THK					
	24	5P1262	1	HOSE 7.62CM(3IN)					
	25	3N2669	1	ELBOW-PUMP INLET					
	26	5P8245	6	WASHER					

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

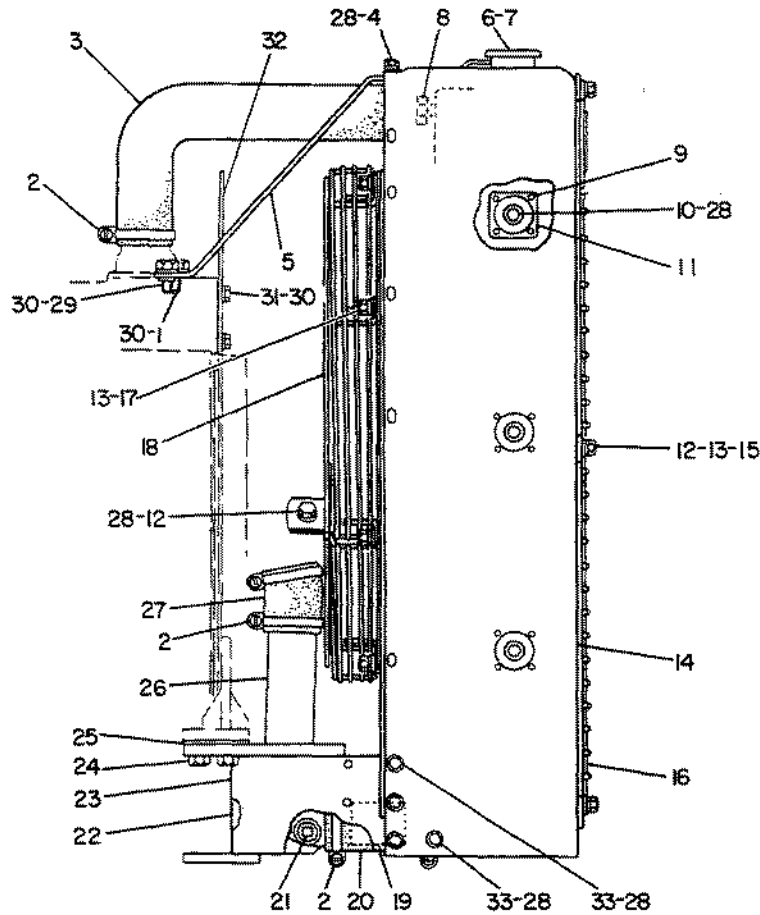
R-564363 EP

1353

3N2789 RADIATOR GP

For Use With 660 MM (26 In) Blower Or Suction Fan
An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	OS1595	1	BOLT 3.18CM(1.25IN)LG		26	3N2669	1	ELBOW-PUMP INLET
	2	9M7959	6	CLAMP		27	3N6033	1	HOSE-PUMP INLET
	3	3N6036	1	HOSE-OUTLET		28	5M2894	18	WASHER
	4	OTO102	2	BOLT		29	OS1585	1	BOLT 3.81CM(1.5IN)LG
	5	6N7870	1	BRACE		30	7N2597	1	SPACER
	6	2N0256	1	RADIATOR GP		31	5P8245	6	WASHER
	7	6L8617	1	CAP-RADIATOR		32	4B3823	4	BOLT
	8	3J5390	1	PLUG		33	8N3272	1	PLATE-LIFTING EYE
	9	9M5733	24	RIVET-POP			OL1351	8	BOLT
	10	2A4639	6	BOLT					
	11	2L4238	6	MOUNT-FLEXIBLE					
C	12	OS1594	8	BOLT					
	13	3F1417	14	WASHER					
	14	8L4495	1	SHELL AS-RADIATOR					
	15	9F2978	6	NUT-WELD					
	16	8L4534	1	GUARD-RADIATOR					
	17	OSO509	8	BOLT					
C	18	2W5643	1	GUARD AS-FAN (UPPER)					
C	19	8N1633	1	GUARD AS-FAN (LOWER)					
E	20	3H3338	1	TUBE					
	21	5P1262	1	HOSE 15.24CM(6IN)					
	22	1B5174	1	PLUG-PIPE					
	23	4L2922	1	SUPPORT AS-LH					
	24	4L2921	1	SUPPORT AS-RH					
	25	OS1592	4	BOLT					
		4L7893	4	SHIM 1.52MM(.0598IN)THK					

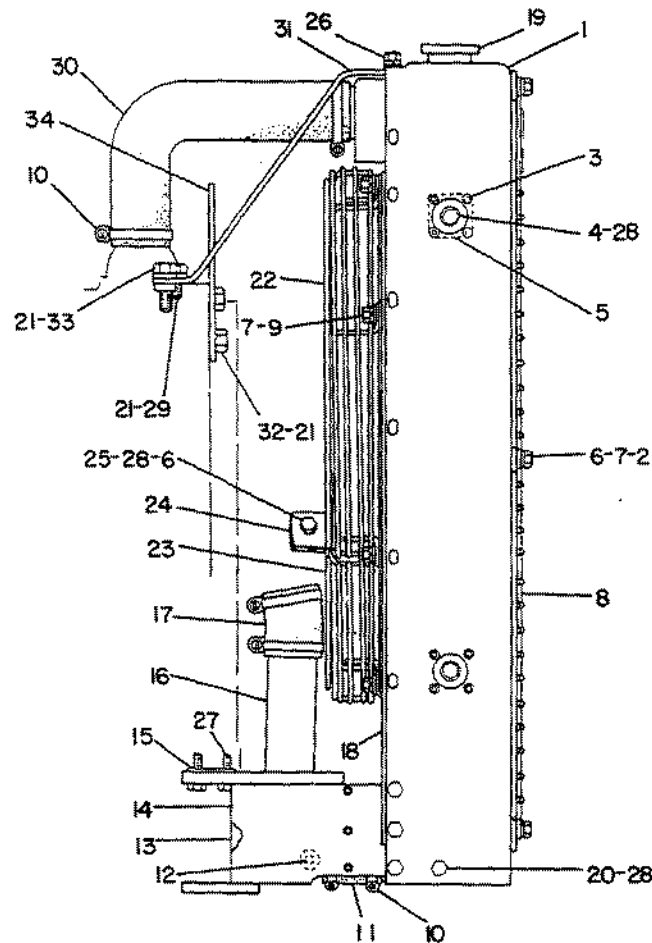
C-CHANGE FROM PREVIOUS TYPE
E-ORDER BY THE CENTIMETER

B-513702 EP

1353

3N2790 RADIATOR GP-HIGH CAPACITY
Refer To 7N5191 Chart-Page 75 For Usage
An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	2N1999	1	SHELL AS-RADIATOR	C	26	OTO102	2	BOLT
	2	9F2978	6	NUT-WELD		27	OS1592	4	BOLT
	3	9M5733	16	RIVET-POP		28	5M2894	16	WASHER
	4	2A4639	4	BOLT		29	OS1595	1	BOLT 3.18CM(1.25IN) LONG
	5	2L4238	5	MOUNT-FLEXIBLE		30	3N6034	1	HOSE-OUTLET
	6	OS1594	8	BOLT		31	6N7870	1	BRACE
	7	3F1417	14	WASHER		32	4B3823	4	BOLT
	8	8L4534	1	GUARD-RADIATOR		33	OS1585	1	BOLT
	9	OS0509	8	BOLT		34	7N2597	1	SPACER
	10	9M7959	6	CLAMP			8N3272	1	PLATE-LIFTING EYE
	11	5P1262		HOSE 15.24CM(6IN)					
	12	1B5174	1	PLUG-PIPE					
	13	4L2922	1	SUPPORT AS-LH					
	14	4L2921	1	SUPPORT AS-RH					
	15	4L7893	4	SHIM 1.52MM(.0598IN) THK					
	16	3N2669	1	ELBOW-PUMP INLET					
	17	3N6033	1	HOSE-PUMP INLET					
	18	2N0254	1	RADIATOR GP					
	19	3J5390	1	PLUG					
	20	6L8617	1	CAP-RADIATOR					
	21	OL1351	8	BOLT					
	22	5P8245	6	WASHER					
	23	2W5643	1	GUARD AS-FAN (UPPER)					
	24	8N1633	1	GUARD AS-FAN (LOWER)					
	25	6N8599	2	CLIP					
	26	9F2978	2	NUT-WELD					

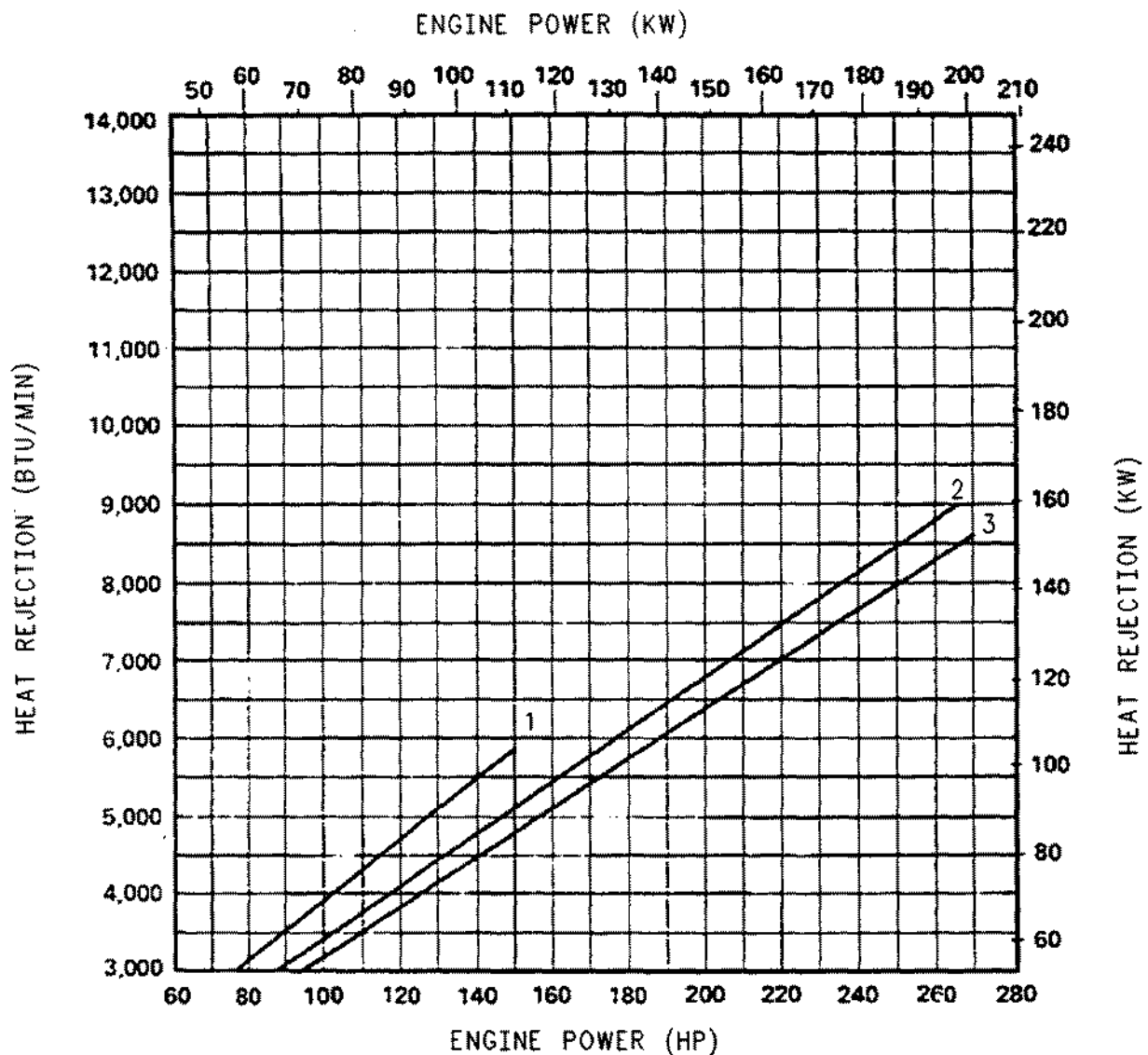
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
E-ORDER BY THE CENTIMETER

B-513770 EP

1353

3N4657 RADIATOR GP-STANDARD CAPACITY
For Usage Refer To 7N5191 Chart-Page 75
An Attachment

COOLING SYSTEM



CURVE	ENGINE DESCRIPTION
1	PCNA HOT MANIFOLD
2	PCT PCTA WATER SHIELDED MANIFOLD
3	PCT PCTA HOT MANIFOLD

R-527081 EP

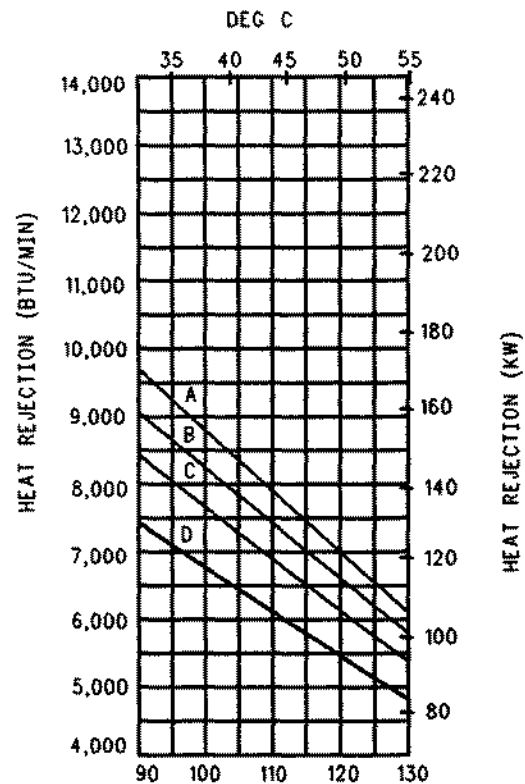
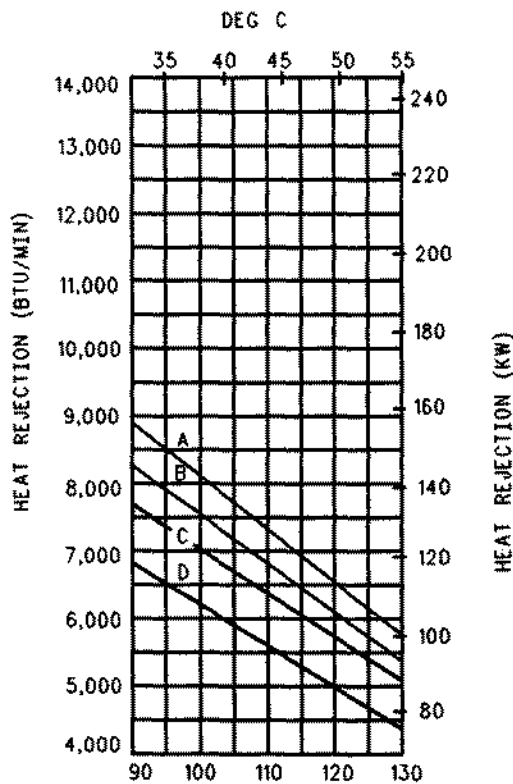
1353

7N5191 RADIATOR GP-FAN & FAN DRIVE CHART-PART 1 OF 3
An Attachment

COOLING SYSTEM

SPEED RATIO 1.0:1			
CURVE	ENGINE SPEED RPM	AIR FLOW	
		CFM	CMM
A	2200	9,500	269.5
B	2000	8,650	244.9
C	1800	7,750	219.5
D	1500	6,500	184.1

SPEED RATIO 1.0:1			
CURVE	ENGINE SPEED RPM	AIR FLOW	
		CFM	CMM
A	2200	10,000	283.2
B	2000	9,100	257.7
C	1800	8,200	232.2
D	1500	6,800	192.6



MAXIMUM AMBIENT AIR TEMP.
DEG F

MAXIMUM AMBIENT AIR TEMP.
DEG F

RADIATOR 3N2789
RADIATOR W/DUCT FLANGE 3N7208
FAN-BLOWER 26IN (660.4MM) DIA 4N4684
FAN-SUCTION 26IN (660.4MM) DIA 4N4683
FAN DRIVE 3N7210
PULLEY 3N7211

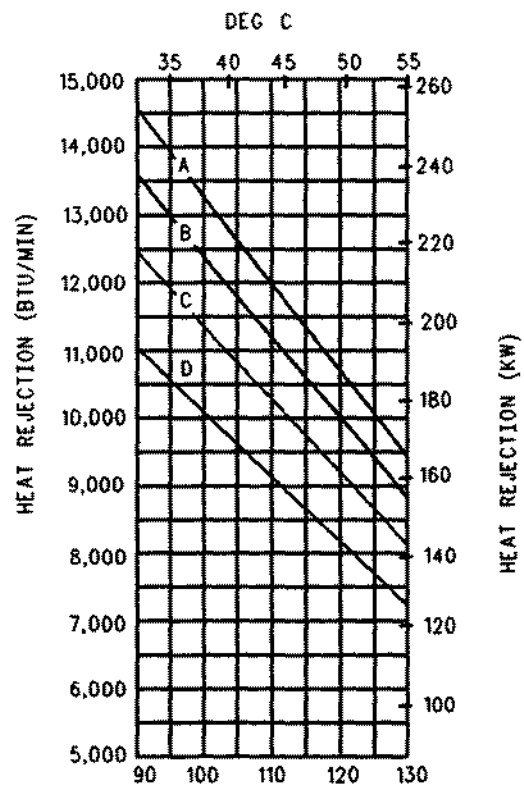
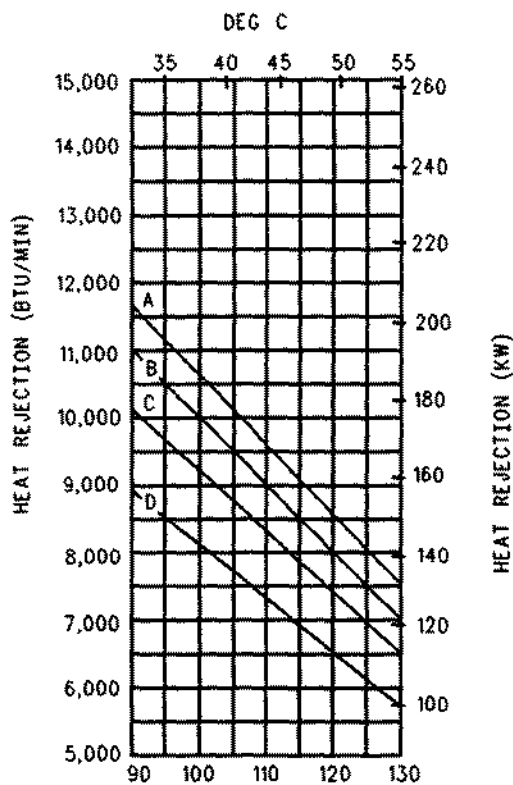
RADIATOR 3N4657
RADIATOR W/DUCT FLANGE 3N6693
FAN-BLOWER 26IN (660.4MM) DIA 4N4686
FAN-SUCTION 26IN (660.4MM) DIA 4N4685
FAN DRIVE 3N7210
PULLEY 3N7211

R-527082 EP

COOLING SYSTEM

SPEED RATIO 1.0:1			
CURVE	ENGINE SPEED RPM	AIR FLOW	
		CFM	CMM
A	2200	10,250	290.2
B	2000	9,300	263.3
C	1800	8,400	237.9
D	1500	6,900	195.4

SPEED RATIO 1.0:1			
CURVE	ENGINE SPEED RPM	AIR FLOW	
		CFM	CMM
A	2200	18,800	532.4
B	2000	17,000	481.4
C	1800	15,400	436.1
D	1500	12,800	362.5



MAXIMUM AMBIENT AIR TEMP.
DEG F

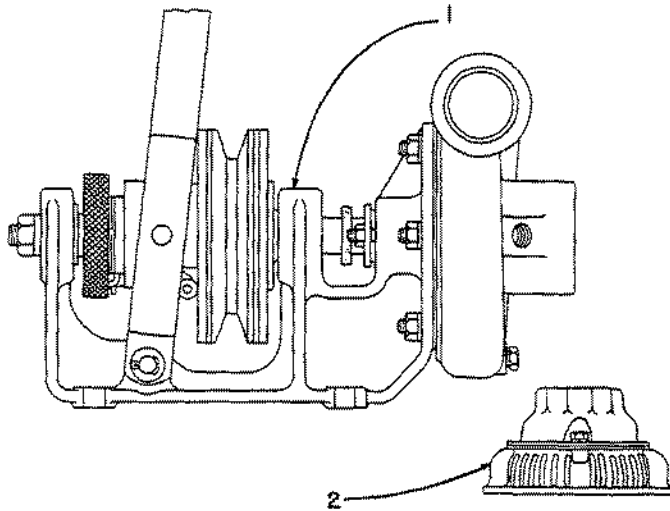
MAXIMUM AMBIENT AIR TEMP.
DEG F

RADIATOR 3N2790
 RADIATOR W/DUCT FLANGE 3N6694
 FAN-BLOWER 26IN (660.4MM) DIA 4N4686
 FAN-SUCTION 26IN (660.4MM) DIA 4N4685
 FAN DRIVE 3N7210
 PULLEY 3N7211

RADIATOR W/DUCT FLANGE 7N9517
 FAN-BLOWER 33IN (838.2MM) DIA 4N2569
 FAN-SUCTION 33IN (838.2MM) DIA 4N2570
 FAN DRIVE 3N7019
 PULLEY 3N5627
 ADAPTER (BLOWER FAN) 4N2370
 ADAPTER (SUCTION FAN) 4N2371

R-527499 EP

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	6L5875	1	PUMP AS-BILGE
Y	2	3F4394	1	FOOT VALVE & STRAINER AS

Y-SEPARATE ILLUSTRATION

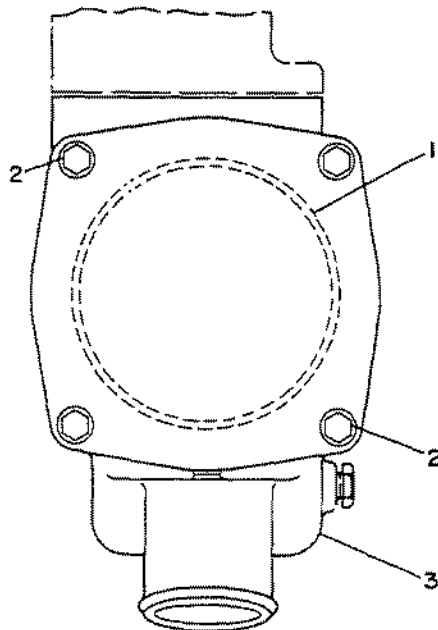
B-479751 EP

1371

6L5858 PUMP GP-WATER

3F4394 & 6L5875-Page 83

2--5F3581 Vee Belts Are Available For Use With Front Power Take-Off
For Use With Marine Auxiliary Engine. An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5F3106	1	SEAL-O-RING
	2	OT0055	2	BOLT
	5M2894	2	WASHER	
CYR	3	2W8002	1	PUMP GP-WATER

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

B-315173 EP

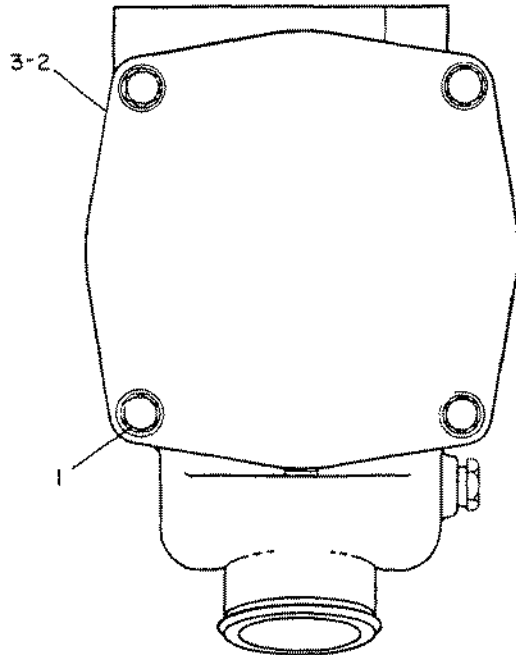
1361

7N5908 PUMP GP-WATER

2W8002-Page 81

An Attachment

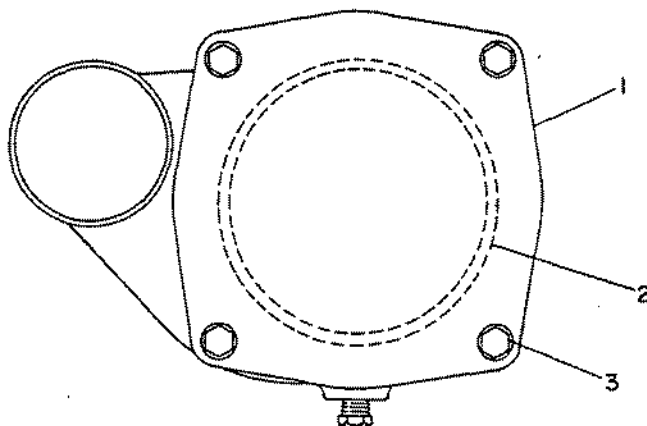
COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
CRY	1	OTO055	2	BOLT
		5M2894	2	WASHER
	2	2W8001	1	PUMP GP-WATER
	3	5F3106	1	SEAL-O-RING
C-CHANGE FROM PREVIOUS TYPE R-REMG PART MAY BE AVAILABLE Y-SEPARATE ILLUSTRATION				
				B-582839 EP

1361

7N5909 PUMP GP-WATER
2W8001-Page 80
Also An Attachment

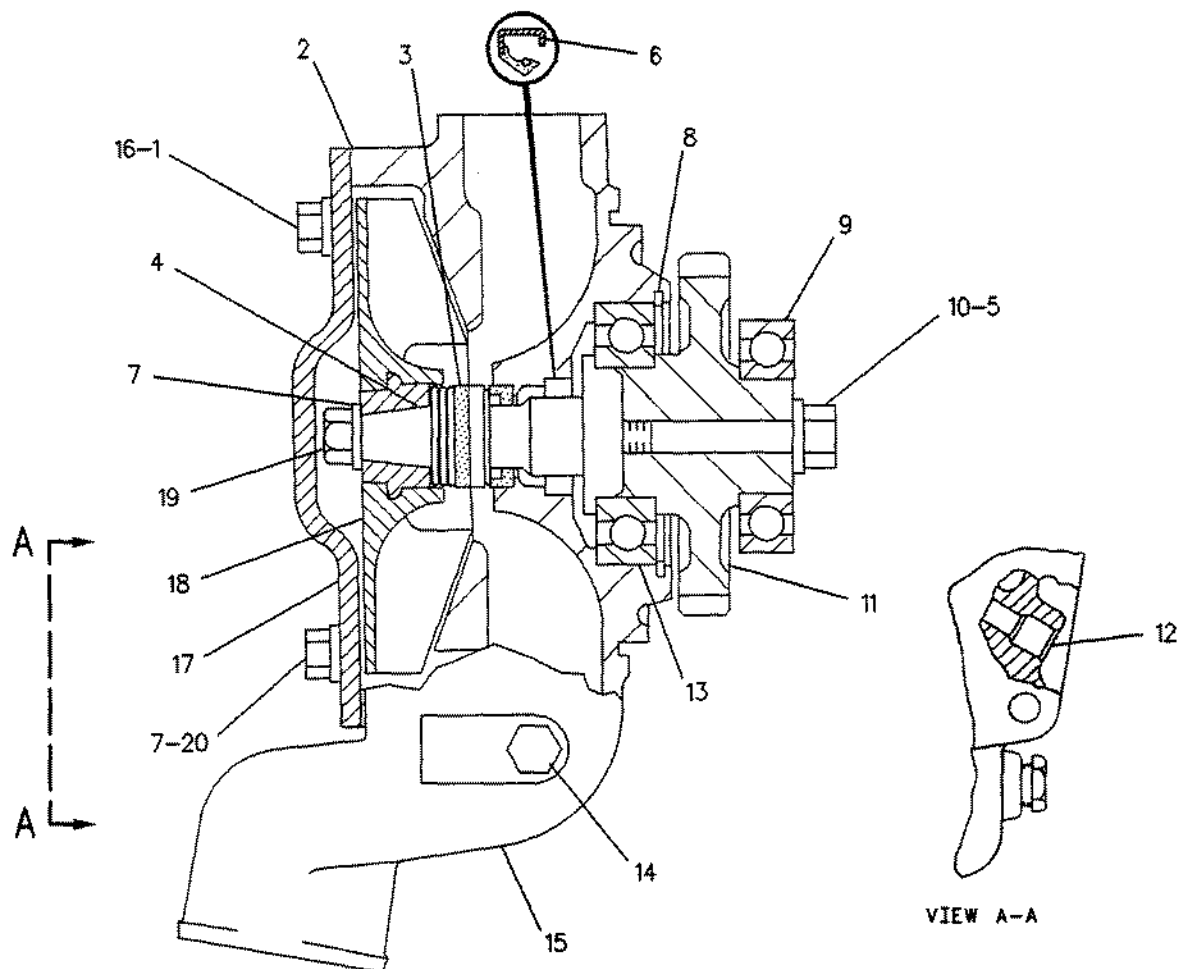


NOTE	REF NO	PART NUMBER	QTY	PART NAME
CY	1	2W8004	1	PUMP GP-WATER
	2	5F3106	1	SEAL-O-RING
	3	OTO055	2	BOLT
		5M2894	2	WASHER
C-CHANGE FROM PREVIOUS TYPE Y-SEPARATE ILLUSTRATION				
				B-321953 EP

1361

7N6208 PUMP GP-WATER
2W8004-Page 82
An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
CB	1	OL1351	1	BOLT					
	2	8N5928	1	GASKET					
	3	4W3864	1	SEAL GP					
J	4	2W7255	1	SHAFT-WATER PUMP					
	5	4S9191	1	WASHER					
C	6	8C5210	1	SEAL-LIP TYPE					
	7	5M2894	2	WASHER					
J	8	1K6985	1	RING-RETAINING					
J	9	8H9789	1	BALL BEARING					
	10	3B8428	1	BOLT					
	11	7W0450	1	GEAR (40 TEETH)					
J	12	4N5834	1	FILTER					
J	13	6H3957	1	BALL BEARING					
	14	8T6765	1	PLUG-PIPE					
	15	1W4619	1	HOUSING-PUMP					
CB	16	5M2894	1	WASHER					
	17	8N5929	1	COVER-WATER PUMP					
	18	4W9645	1	IMPELLER					
J	19	OS1594	1	BOLT					
	20	OL1351	1	BOLT					
		6V9906	1	THE FOLLOWING REPAIR KIT IS AVAILABLE: KIT-REBUILD (INCL. PARTS MARKED J)					

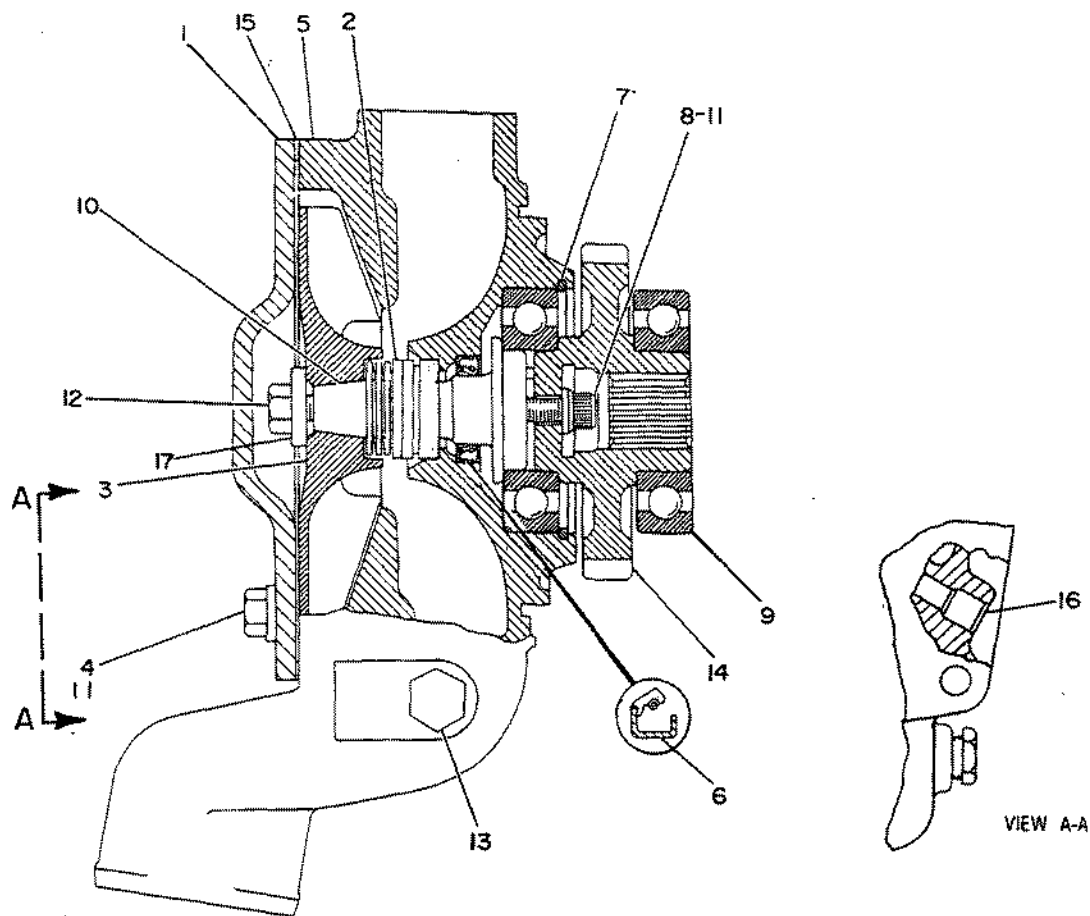
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE

F-577284 EP

1361

2W8001 PUMP GP-WATER*R
Part Of 7N5909 Pump-Water

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8N5929	1	COVER-WATER PUMP					
	2	4W3864	1	SEAL GP					
	3	7N5910	1	IMPELLER-PUMP					
	4	OL1351	2	BOLT					
	5	1W4619	1	HOUSING-PUMP					
	6	8C5210	1	SEAL-LIP TYPE					
J	7	1K6985	1	RING-RETAINING					
J	8	6K3771	1	BOLT-12 POINT HEAD					
J	9	6H3957	2	BALL BEARING					
J	10	2W7255	1	SHAFT-WATER PUMP					
	11	5M2894	2	WASHER					
J	12	OS1594	1	BOLT					
	13	5M6213	1	PLUG					
	14	2W7678	1	GEAR AS (40 TEETH)					
	15	8N5928	1	GASKET					
CJ	16	4N5834	1	FILTER					
J	17	9M6527	1	WASHER-HARD					
		6V9928	1	THE FOLLOWING REPAIR KIT IS AVAILABLE: KIT-WATER PUMP (INCL PARTS MARKED J)					

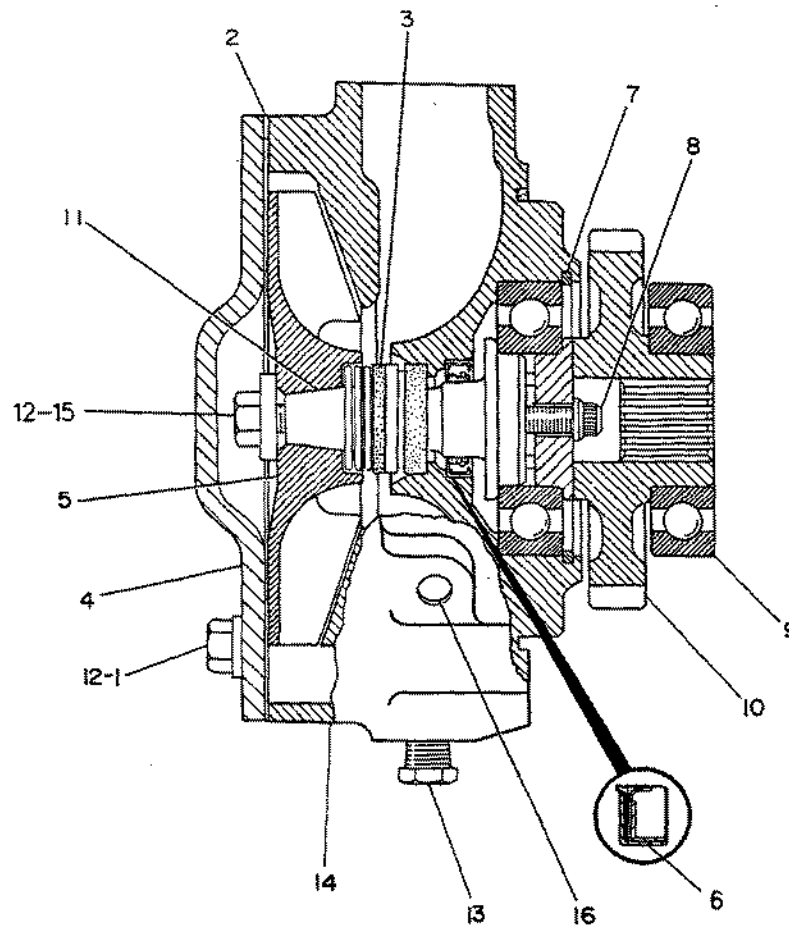
C-CHANGE FROM PREVIOUS TYPE

R-505679 EP

1361

2W8002 PUMP GP-WATER*R
Part Of 7N5908 Pump-Water
An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	OL1351	2	BOLT					
	2	8N5928	1	GASKET					
	3	4W3864	1	SEAL GP					
	4	8N5929	1	COVER-WATER PUMP					
	5	4W9645	1	IMPELLER					
	6	8C5210	1	SEAL-LIP TYPE					
	7	1K6985	1	RING-RETAINING					
	8	6K3771	1	BOLT-12 POINT HEAD					
	9	6H3957	2	BALL BEARING					
	10	2W7678	1	GEAR AS (40 TEETH)					
	11	2W7255	1	SHAFT-WATER PUMP					
	12	5M2894	3	WASHER					
	13	8T6765	1	PLUG-PIPE					
	14	1W6557	1	HOUSING-PUMP					
	15	OS1594	1	BOLT					
	16	4N5834	1	FILTER					

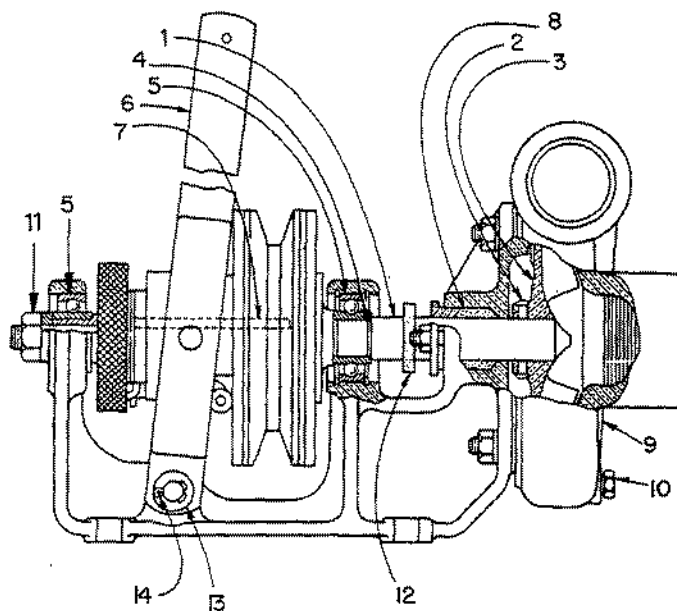
C-CHANGE FROM PREVIOUS TYPE

R-577617 EP

1361

2W8004 PUMP GP-WATER
Part Of 7N6208 Pump-Water
An Attachment

COOLING SYSTEM

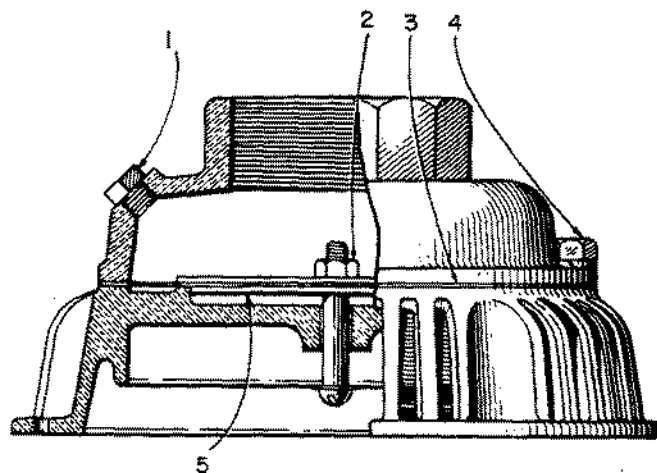


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6L7366	1	IMPELLER AS
	2	1A1345	1	PIN
	3	6L7367	1	IMPELLER
	4	6L7369	1	SHIM
	5	5F5049	2	BEARING
	6	5F5061	1	LEVER AS
	7	5F5062	1	KEY
	8	5F5047	1	PACKING
	9	6L7365	1	HOUSING AS
	10	6B7440	1	PLUG-PIPE
	11	1B4205	1	NUT
	12	6L7368	1	PACKING
	13	5F5041	2	WASHER
	14	3B4604	1	PIN-COTTER

R-577297 EP

1371

6L5875 PUMP AS-BILGE (RH)
Part Of 6L5858 Pump-Water
An Attachment



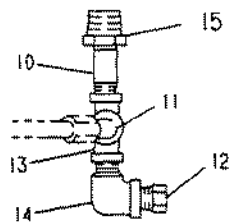
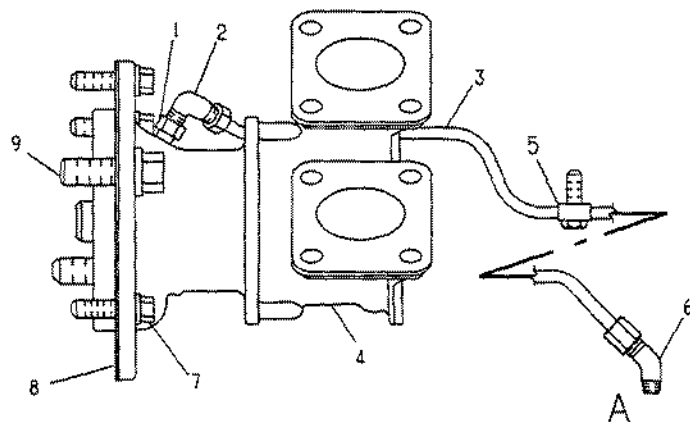
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	6B7440	1	PLUG-PIPE
	2	4B2048	1	NUT
	3	5F1051	1	GASKET
	4	OS1614	3	BOLT
	5	3B4504	3	LOCKWASHER
	5	5F1053	1	SEAL-FOOT VALVE

B-479744 EP

1371

3F4394 FOOT VALVE & STRAINER AS
Part Of 6L5858 Pump-Water
An Attachment

COOLING SYSTEM



ALTERNATE VIEW OF AREA A

NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5P6923	1	ADAPTER-ORIFICE
	2	2N1287	1	ELBOW-FLARED
	3	2W4461	1	TUBE AS
Y	4	5N9357	1	PUMP GP-WATER
	5	3L2875	1	CLIP
	6	5J7303	1	ELBOW
	7	2P3204	3	BOLT-WASHER HEAD
	8	2P0220	1	GASKET-PUMP
	9	OS1589	2	BOLT
B	10	3B7262	1	NIPPLE-PIPE
B	11	3B6488	1	COUPLING-PIPE
B	12	5M6213	1	PLUG
B	13	45933	1	TEE-PIPE
B	14	7J8611	1	ELBOW
	15	3B7764	1	BUSHING-TERMINAL

B-USE AS REQUIRED
Y-SEPARATE ILLUSTRATION

A-514193 EP

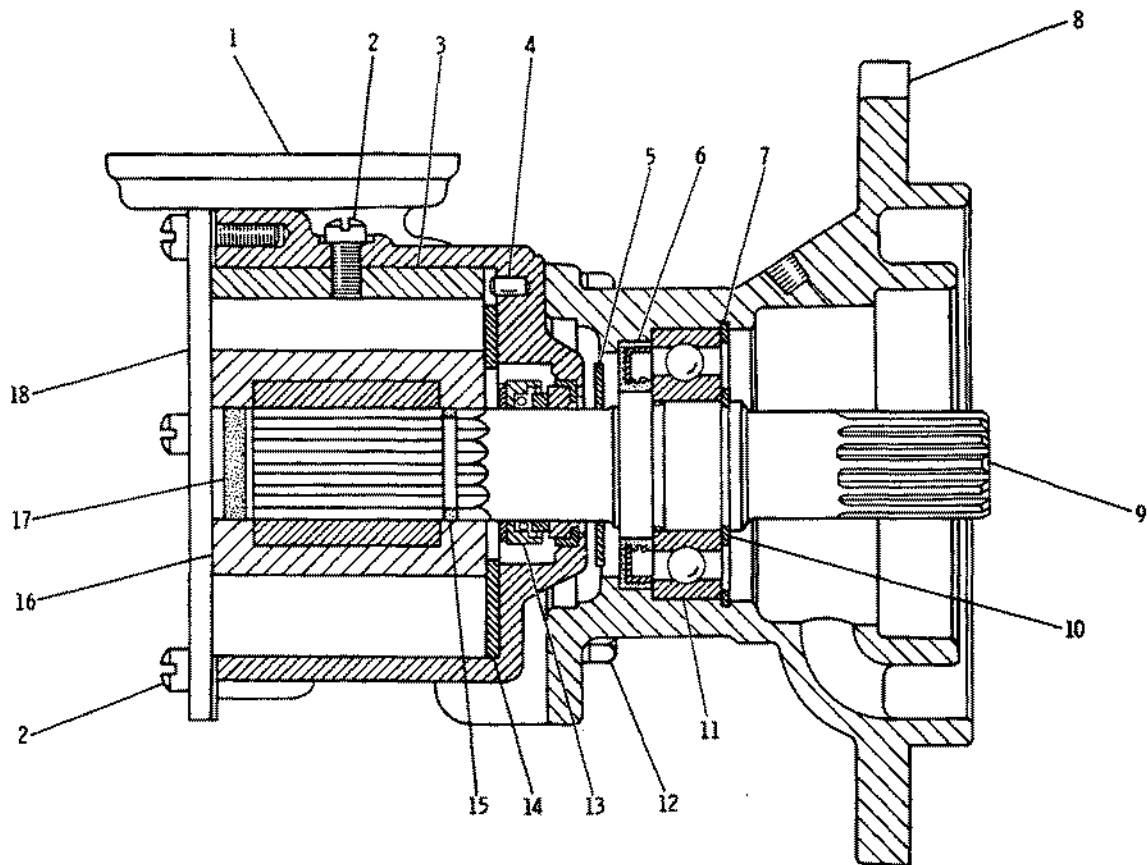
1371

5N9356 PUMP GP-AUXILIARY (SEA WATER)

5N9357-Page 85

For Use With Auxiliary & Attachment Lines
An Attachment

COOLING SYSTEM



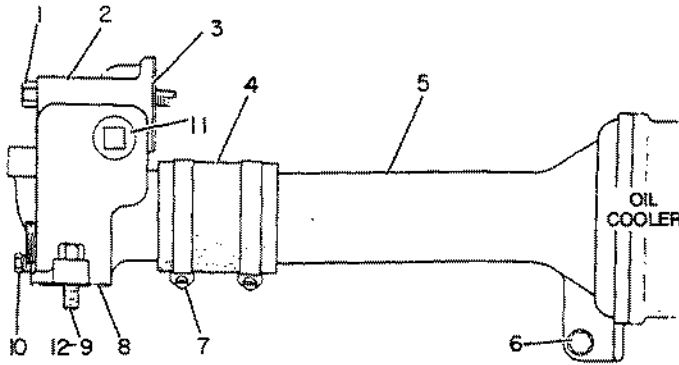
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7L7504	1	BODY					
	2	3F7586	6	SCREW-MACHINE					
	3	6L8790	1	CAMSHAFT					
	4	4L9022	1	DOWEL					
	5	1L4786	1	SLINGER					
	6	4L9021	1	SEAL-LIP TYPE					
	7	1L4775	1	RING-RETAINING					
	8	5N9358	1	HOUSING-BEARING					
	9	5N9359	1	SHAFT-GOVERNOR CONTROL					
	10	4M5285	1	RING-RETAINING					
	11	7L7508	1	BALL BEARING					
	12	4M0061	4	BOLT					
		3L6789	4	LOCKWASHER					
	13	7L2130	1	SEAL AS					
	14	4L8473	1	PLATE-WEAR					
	15	8F3469	1	SEAL					
	16	5N9360	1	IMPELLER AS					
	17	2L7985	1	SEAL-SPLINE					
	18	5N5288	1	COVER-END					
		1L4785	1	GASKET					

B-301621 EP

1371

5N9357 PUMP GP-WATER (SEA WATER)
 Part Of 5N9356 Pump-Auxiliary
 An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	OT0065	1	BOLT 8.89CM(3.50IN) LONG
C		OS1590	1	BOLT 5.08CM(2IN) LONG
	2	3N3161	1	ELBOW
	3	2P6132	1	GASKET-ELBOW
CD	4	5P1260	1	HOSE 7.62CM(3IN)
	5	2P8870	1	PIPE-PUMP OUTLET
C	6	OS1591	1	BOLT
C	7	5P4868	2	CLAMP
	8	2P0406	1	GASKET
C	9	OS1588	1	BOLT 3.18CM(1.25IN) LONG
	10	5M6213	1	PLUG
C	11	1B5174	3	PLUG-PIPE
	12	OT0055	1	BOLT 10.80CM(4.25IN) LONG
		5M2894	1	WASHER
		5L6573	1	LUG

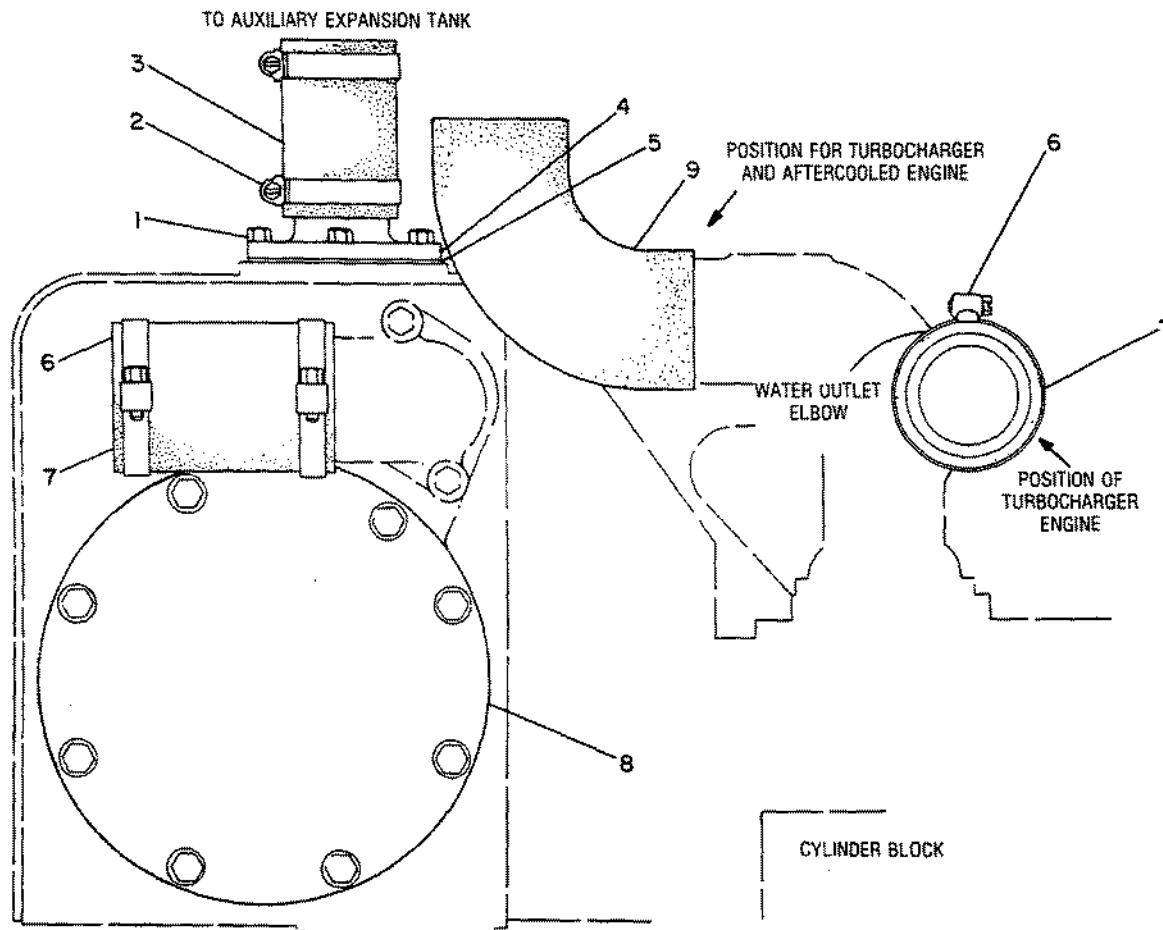
C-CHANGE FROM PREVIOUS TYPE
D-ORDER BY THE METER

B-217768 EP

1380

3N3914 LINES GP-WATER
An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
CE	1	OS1615	6	BOLT					
	2	9M0164	2	CLAMP-HOSE					
	3	5P1258		HOSE 8.89CM(3.50IN)					
	4	4L2892	1	PIPE-SURGE TANK					
CE Y C	5	4L7636	1	GASKET					
	6	9M7959	4	CLAMP					
	7	5P1262		HOSE 114.30CM(45IN)					
	8	3N4924	1	COVER GP-EXPANSION TANK					
	9	3R1317	1	HOSE					

C-CHANGE FROM PREVIOUS TYPE
E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

B-217765 EP

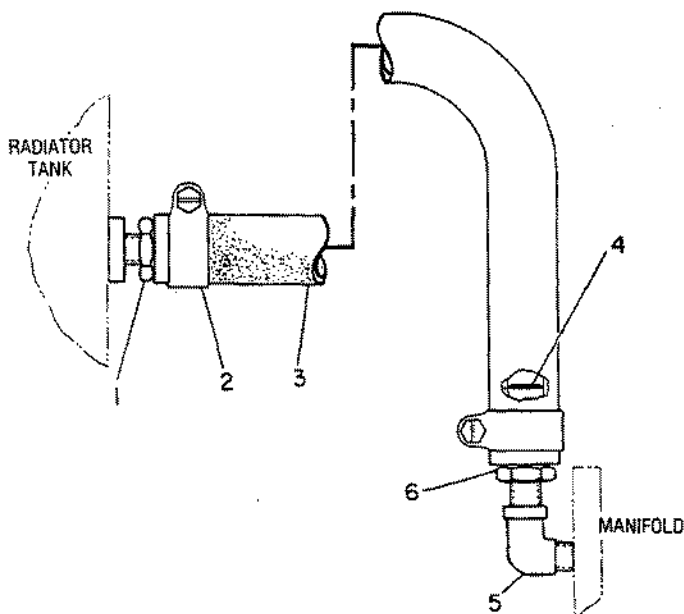
1380

3N4921 LINES GP-WATER (KEEL COOLING)

3N4924-Page 94

For Use With Marine Auxiliary Engine
An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	7D7026	1	CONNECTOR-HOSE
C	2	5D1026	2	CLAMP-HOSE
BCE	3	5P0767		HOSE
C	4	8N4485	1	VALVE AS
C	5	3B6552	1	ELBOW
C	6	6V7183	1	CONNECTOR-HOSE

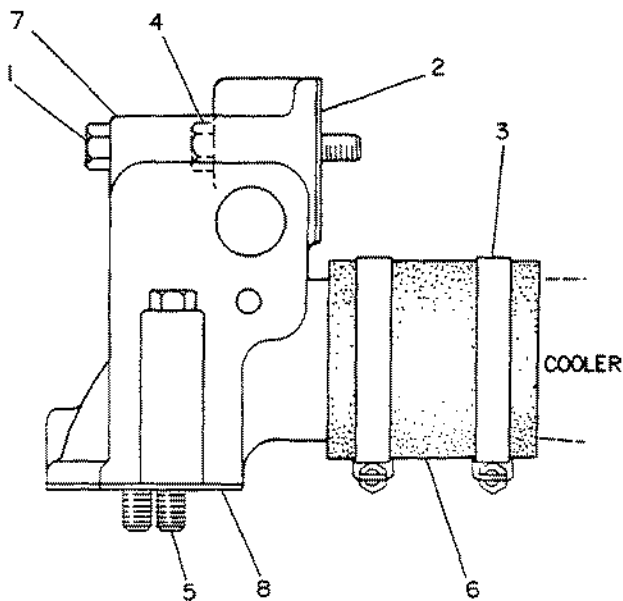
B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE
E-ORDER BY THE CENTIMETER

B-340228 EP

1380

1W7910 LINES GP-WATER

For Use With Watercooled Exhaust Manifold & Radiator
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	0T0065	1	BOLT
	2	2P6132	1	GASKET-ELBOW
	3	5P4868	2	CLAMP
	4	0S1590	1	BOLT
	5	0S1619	2	BOLT
	6	5P1260		HOSE (7.62CM)
	7	8N4112	1	LINES GP-WATER
	8	7N0200	1	GASKET

E-ORDER BY THE CENTIMETER
Y-SEPARATE ILLUSTRATION

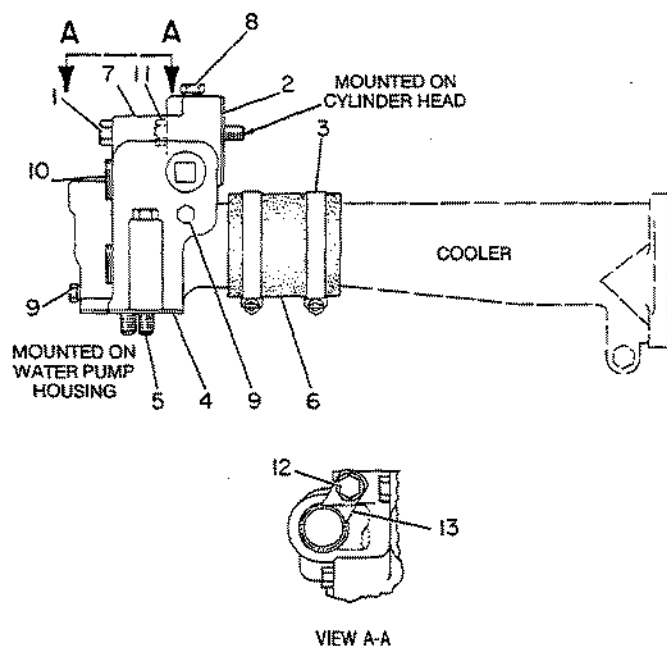
R-520341 EP

1380

2W6779 LINES GP-WATER

8N4112-Page 89

COOLING SYSTEM



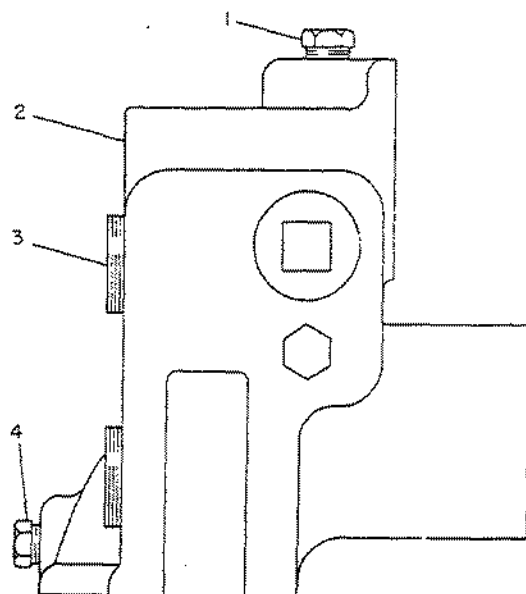
NOTE	REF NO	PART NUMBER	QTY	PART NAME
BE	1	OT0065	1	BOLT
	2	2P6132	1	GASKET-ELBOW
	3	5P4868	2	CLAMP
	4	7N0200	1	GASKET
	5	OS1619	1	BOLT
	6	5P1260	1	HOSE
	7	8N4151	1	LINES GP-WATER
	8	7N6918	1	ELBOW
	9	3J5390	1	PLUG
	10	5M6213	2	PLUG
	11	1B5174	3	PLUG-PIPE
	12	OS1590	1	BOLT
	13	OT0055	1	BOLT

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER

B-326962 EP

1380

4W4569 LINES GP-WATER



NOTE	REF NO	PART NUMBER	QTY	PART NAME
B	1	3J5390	1	PLUG
	2	7N0172	1	ELBOW
	3	1B5174	3	PLUG-PIPE
	4	5M6213	2	PLUG

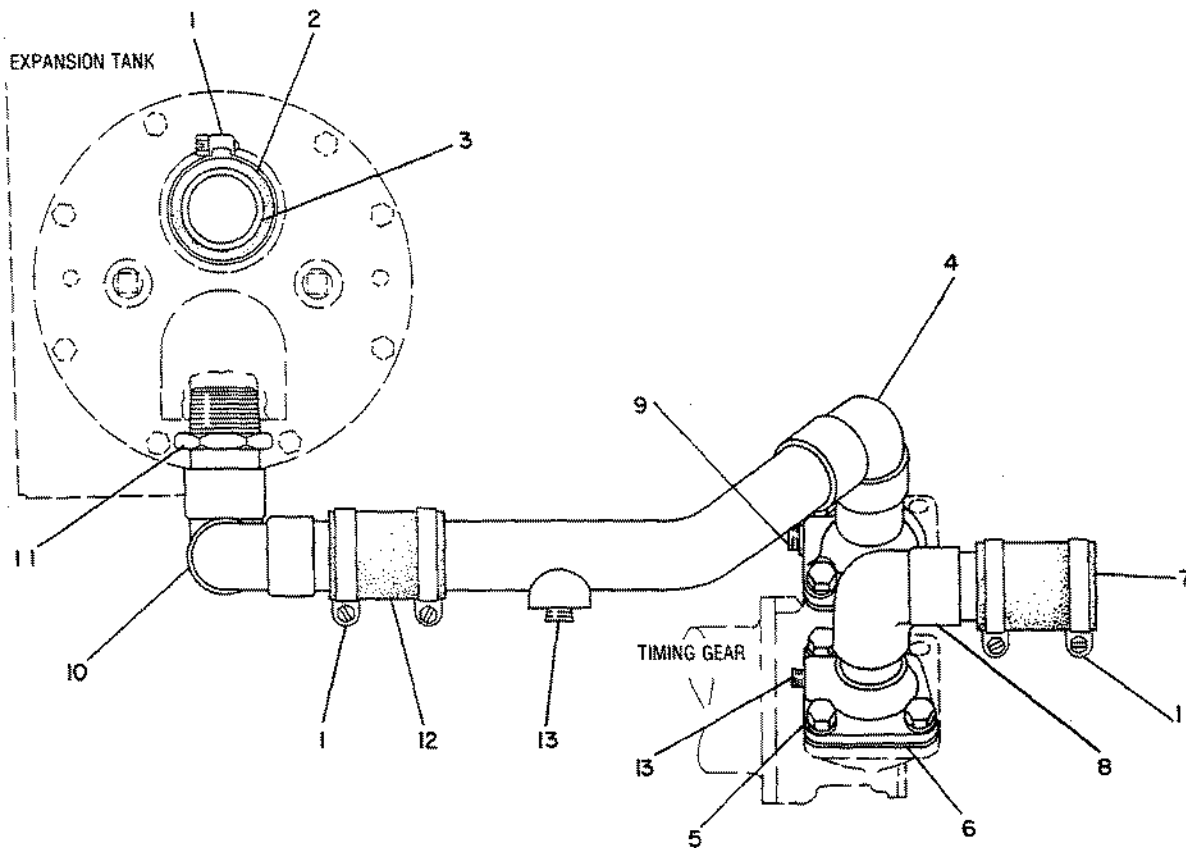
B-USE AS REQUIRED

B-313095 EP

1380

8N4112 LINES GP-WATER
Bypass & Outlet Elbow
Part Of 2W6779 Lines-Water

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9M0164	6	CLAMP-HOSE					
CE	2	5P1258		HOSE 8.89CM(3.5IN)					
	3	4H7137	1	PIPE					
C	4	5N8588	1	TUBE AS-OUTLET					
C	5	3H5841	6	BOLT					
C	6	5M2894	6	WASHER					
C	7	2N5291	2	GASKET					
CE	8	5P1256		HOSE 7.62CM(3IN)					
C	9	5N8590	1	TUBE AS					
	10	5L7685	1	ROD AS-ZINC					
	11	6L2279	1	PLUG-PIPE					
	12	7L0217	1	TUBE AS					
E	13	5L2994	1	ADAPTER-MALE					
		5P1256		HOSE 7.62CM(3IN)					
		8B8817	2	PLUG					

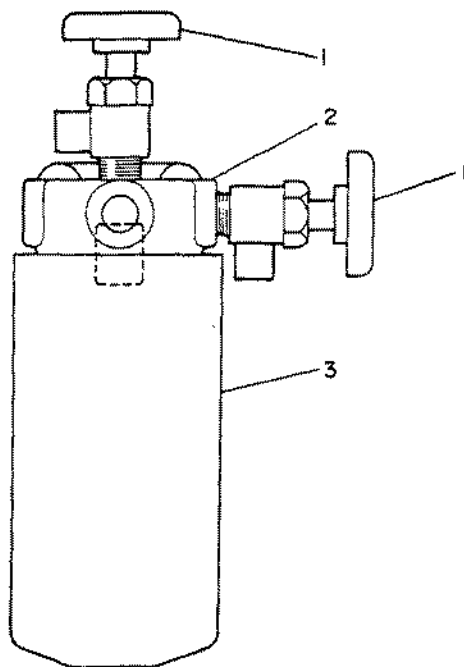
C-CHANGE FROM PREVIOUS TYPE
E-ORDER BY THE CENTIMETER

B-237060 EP

1380

3N4920 LINES GP-AUXILIARY (SEA WATER)
An Attachment

COOLING SYSTEM



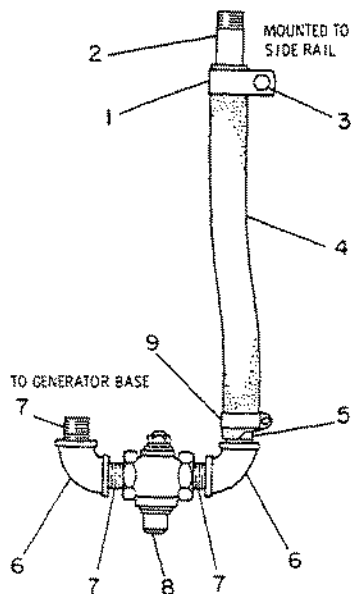
NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	9N3666	2	VALVE AS
	2	9N3668	1	BASE AS
		9N3645	1	STUD-TAPERLOCK
	3	9N3368	1	ELEMENT AS-COOLANT CONDITIONER
CJ				-OR-
		9N3366	1	ELEMENT AS-PRECHARGE
J-REFER TO CHART FOR COOLANT CONDITIONER INFORMATION				
C-CHANGE FROM PREVIOUS TYPE				

B-528502 EP

1352

9N3659 COOLANT CONDITIONER GP (REMOTE MOUNTED)

For Use On Engines With A 38 - 83 Liter (10 - 22 Gallon)
Cooling System
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	2L2685	1	CLIP
	2	3B7747	1	NIPPLE-PIPE
C	3	OS1590	1	BOLT
		1D4717	1	NUT
		5M2894	2	WASHER
C		2B0941	1	SPACER
E	4	5P1506		HOSE 39CM(15IN)
	5	1F6660	1	NIPPLE-PIPE
	6	4B5984	2	ELBOW
	7	3B7745	3	NIPPLE-CLOSE
	8	9B4202	1	COCK
	9	9M7958	1	CLAMP
C-CHANGE FROM PREVIOUS TYPE				
E-ORDER BY THE CENTIMETER				

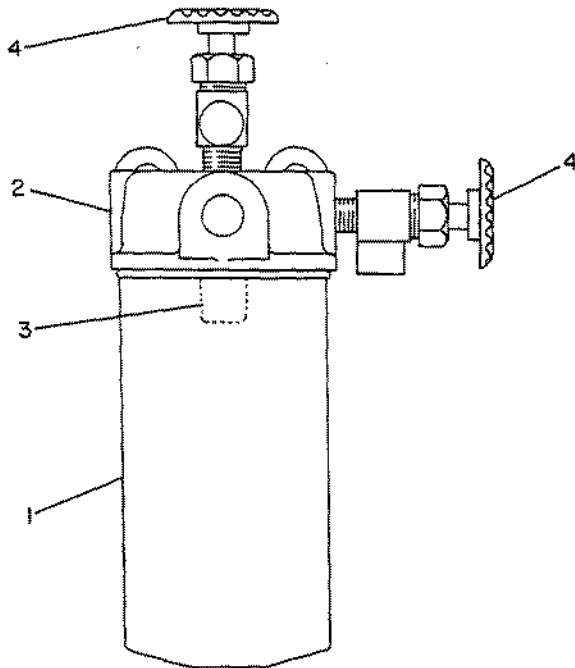
B-513260 EP

1380

5N5569 LINES GP-DRAIN (COOLANT)

For Use With Package Generator Set With Wide Base
An Attachment

COOLING SYSTEM



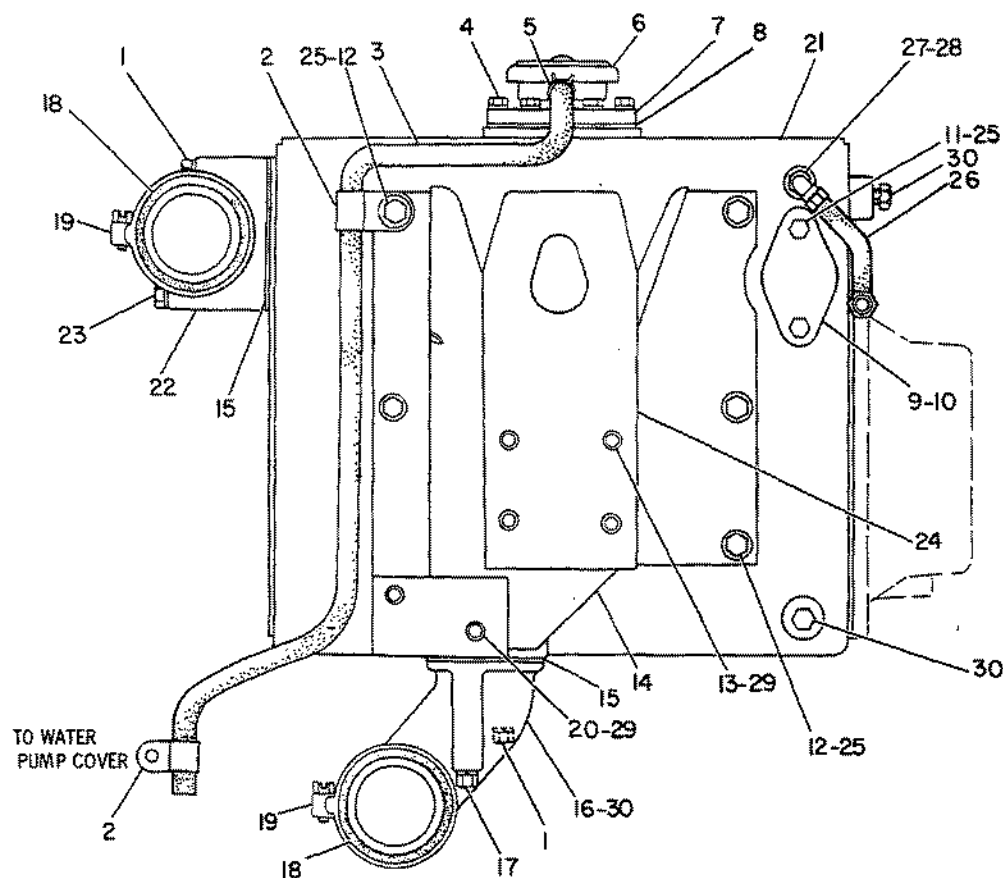
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9N6123	1	ELEMENT AS-COOLANT CONDITIONER
				-OR-
		9N3717	1	ELEMENT AS-MAINTENANCE (6-8 GAL. CAPACITY)
				-OR-
		9N3718	1	ELEMENT AS-MAINTENANCE (9-12 GAL. CAPACITY)
	2	9N3668	1	BASE AS
	3	9N3645	1	STUD-TAPERLOCK
	4	9N3666	2	VALVE AS

B-576661 EP

1352

1W1310 FILTER GP-COOLANT
An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
BE	1	OL1143	2	BOLT 6.35CM(2.50IN)LG	B	26	2D9872	1	HOSE AS
	2	5B1345	2	CLIP		27	3B6552	1	ELBOW
	3	5P1420		HOSE		28	5M6214	1	PLUG-PIPE
	4	OS1615	6	BOLT		29	2M0849	6	WASHER
	5	5P0537	6	WASHER		30	5M6213	3	PLUG
	6	6L8700	1	CLAMP					
	7	6L8617	1	CAP-RADIATOR					
	8	8L3934	1	NECK AS-FILLER					
	9	4L7636	1	GASKET					
	10	6B0041	1	COVER					
	11	6L6580	1	GASKET					
	12	OS0509	2	BOLT					
	13	1A2029	6	BOLT 2.9CM(1.125IN)LG					
	14	7B3235	4	BOLT					
	15	6N7845	1	BRACKET AS-SUPPORT					
	16	6L5567	2	GASKET					
	17	3N1439	1	ELBOW-EXPANSION TANK					
	18	OT0065	1	BOLT 8.89CM(3.50IN)LG					
	19	5P1262		HOSE					
	20	9M7959	4	CLAMP					
	21	2B0947	2	BOLT					
	22	3N4188	1	TANK AS-EXPANSION					
	23	1S4662	1	ELBOW-BYPASS					
	24	OS1619	1	BOLT					
	25	8N3272	1	PLATE-LIFTING EYE					
		5M2894	8	WASHER					

B-USE AS REQUIRED
E-ORDER BY THE CENTIMETER

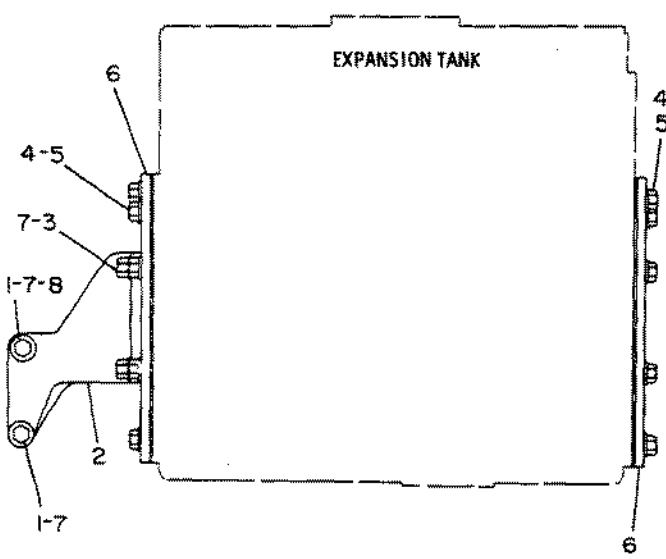
B-339557 EP

1354

8N7740 TANK GP-EXPANSION

Not For Use With Radiator, Fan Drive Or Aftercooler
For Use With Attachment Regulator Housing
An Attachment

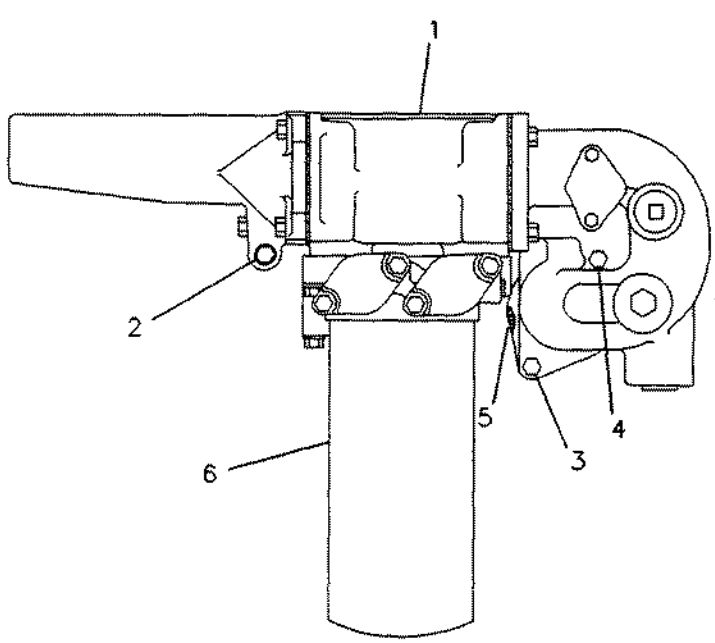
COOLING SYSTEM

	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	C	1	OS1619	2	BOLT
	C	2	7N1991	1	SUPPORT-EXPANSION TANK
	C	3	3B1915	2	BOLT
	C	4	5M2894	14	WASHER
	C	5	OS1594	14	BOLT
		6	8L4847	2	COVER
		7	7L0874	2	GASKET-HEAT EXCHANGER
	C	7	9N1650	4	WASHER-HARD
	BC	8	6B0933	2	SPACER
B-USE AS REQUIRED C-CHANGE FROM PREVIOUS TYPE					
B-345677 EP					

1354

3N4924 COVER GP-EXPANSION TANK

For Use With Expansion Tank Without Heat Exchanger
Part Of 3N4921 Lines-Water
An Attachment

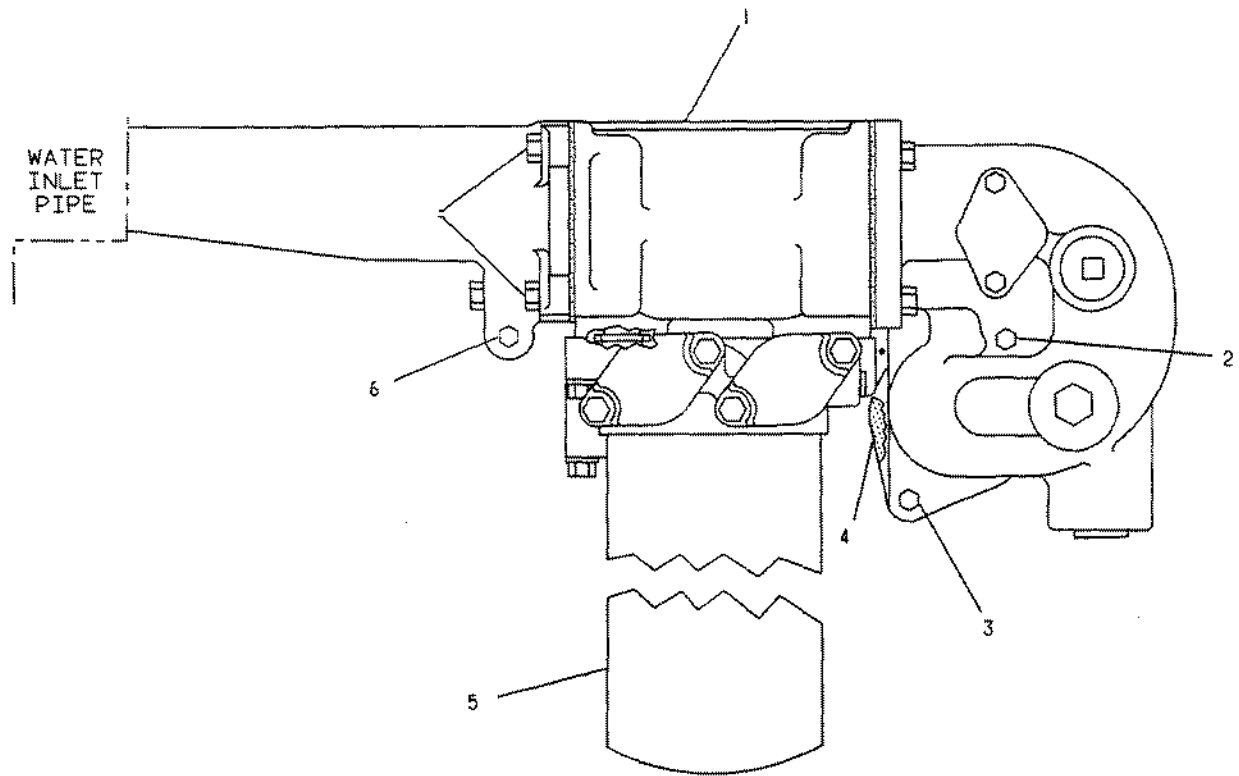
	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	Y	1	7E3392	1	COOLER GP-FLTR BASE & ENG OIL
		2	3B1915	1	BOLT
			5M2894	1	WASHER
		3	OS1591	1	BOLT
		4	OL1352	1	BOLT
		5	2W4561	1	GASKET
		6	1R0739	1	FILTER AS-OIL
Y-SEPARATE ILLUSTRATION					
F-545392 EP					

1378

7E3705 COOLER GP-FILTER BASE & ENGINE OIL

7E3392-Page 97

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	2W6954	1	COOLER GP-FLTR BASE & ENG OIL					
	2	OL1352	1	BOLT					
	3	OS1591	1	BOLT					
	4	2W4561	1	GASKET					
C	5	1W3300	1	FILTER AS-ENGINE OIL					
C	6	3B1915	1	BOLT					
C		5M2894	1	WASHER					

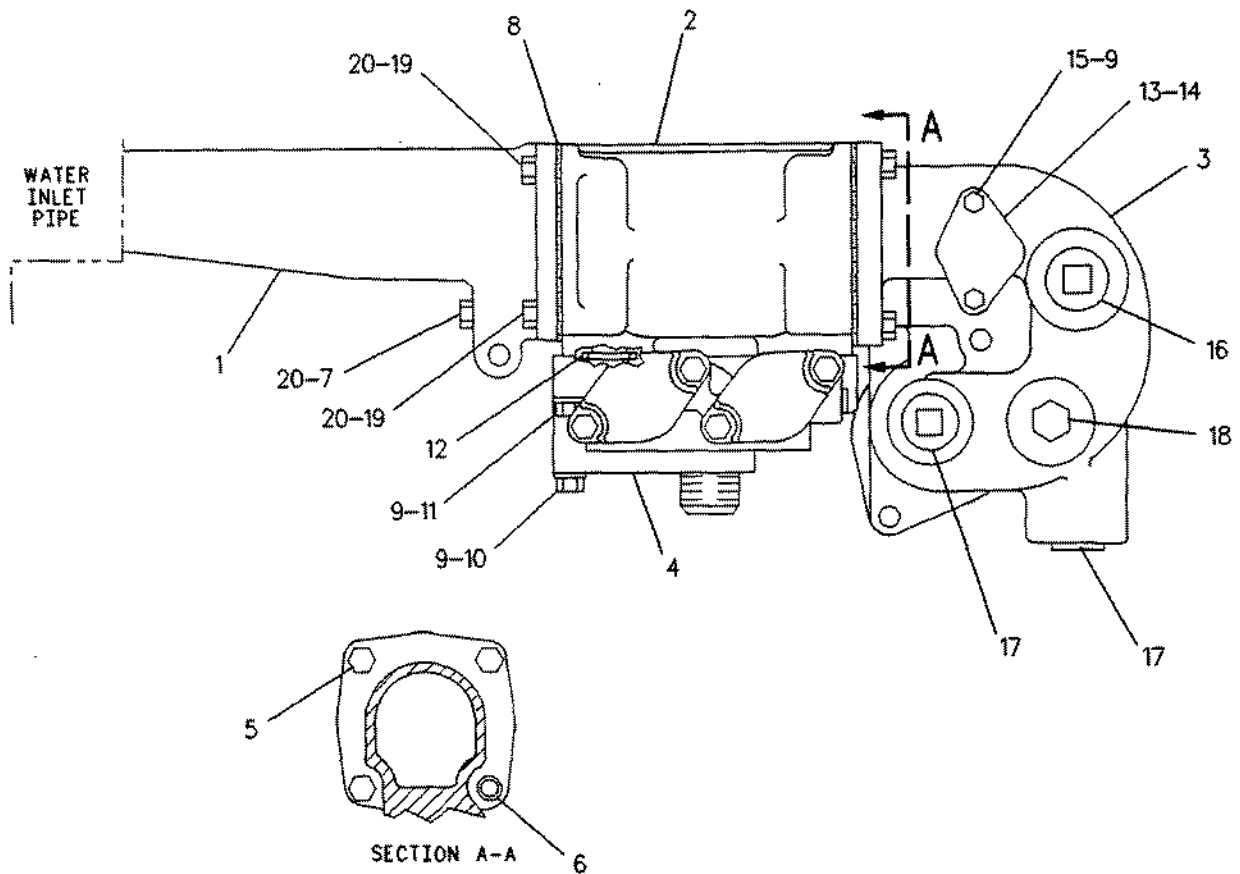
C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

A-403067 EP

1378

2W6953 COOLER GP-FILTER BASE & ENGINE OIL
2W6954-Page 96.

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	2W5240	1	PIPE-PUMP OUTLET					J-HEATER SUPPLY & WATER
R	2	7N0165	1	CORE AS-OIL COOLER					COOLED MANIFOLD RETURN
	3	6N0122	1	ELBOW					L-COOLANT SUPPLY FOR
Y	4	8N4457	1	BASE GP-OIL FILTER					AIR COMPRESSOR
C	5	1A2029	3	BOLT					H-ENGINE COOLANT
	6	1T0765	1	BOLT					PREHEATER
	7	0L2070	1	BOLT					
	8	5S6051	2	GASKET					
	9	9M1974	6	WASHER-HARD					
	10	1D4540	1	BOLT					
	11	1B9575	3	BOLT					
	12	8M4432	2	SEAL-O-RING					
	13	4N3840	1	COVER					
	14	4N3841	1	GASKET					
	15	OS1617	2	BOLT					
J	16	8T6761	1	PLUG-PIPE					
H	17	7X7731	2	PLUG-PIPE					
L	18	8T6767	1	PLUG-PIPE					
C	19	OS1588	3	BOLT					
C	20	5M2894	4	WASHER					

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

F-574803 EP

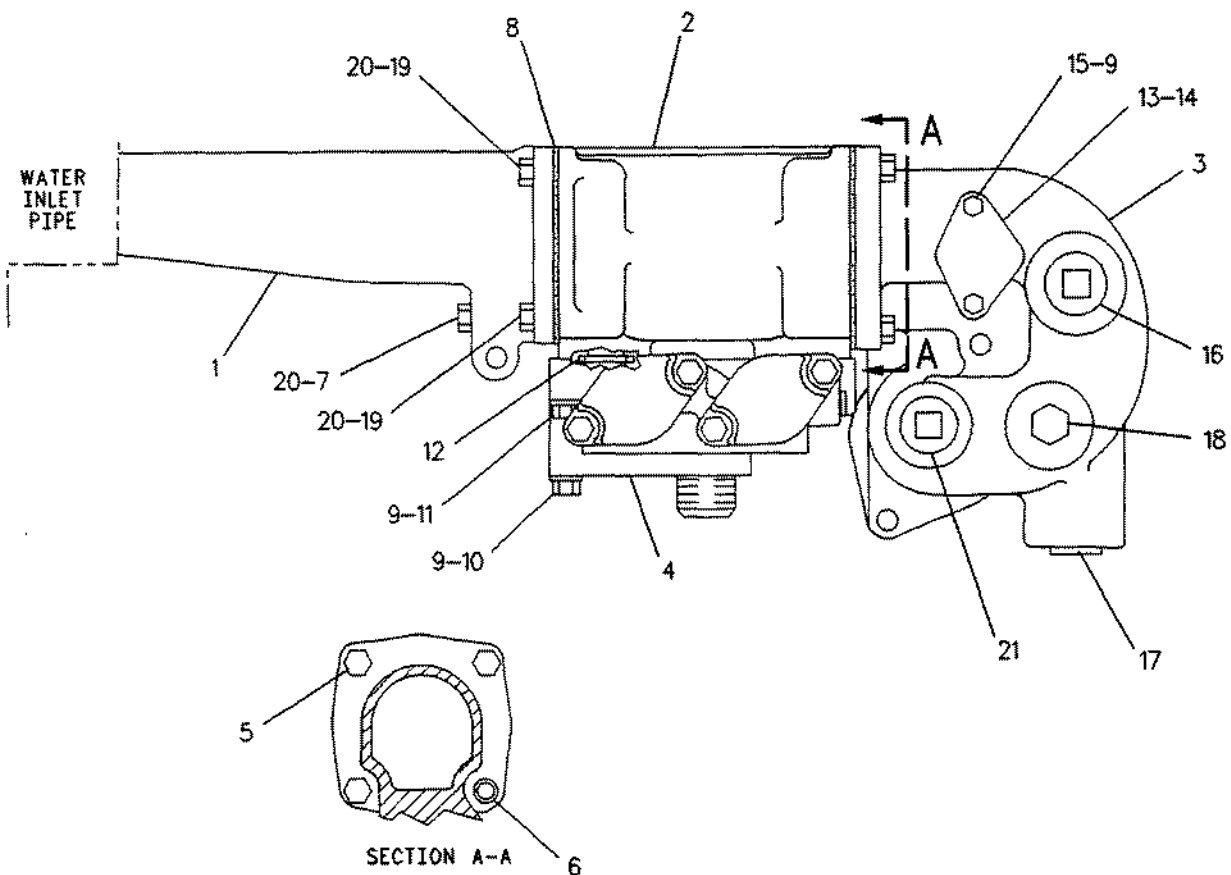
1378

2W6954 COOLER GP-FILTER BASE & ENGINE OIL

8N4457-Page 67

Part Of 2W6953 Cooler-Filter Base & Engine Oil

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
R	1	7E3391	1	PIPE					
	2	7N0165	1	CORE AS-OIL COOLER					J-HEATER SUPPLY & WATER
Y	3	6N0122	1	ELBOW					COOLED MANIFOLD RETURN
	4	8N4457	1	BASE GP-OIL FILTER					H-COOLANT SUPPLY FOR
	5	1A2029	3	BOLT					AIR COMPRESSOR
	6	1T0765	1	BOLT					L-ENGINE COOLANT
	7	OL2070	1	BOLT					PREHEATER
	8	5S6051	2	GASKET					
	9	9M1974	6	WASHER-HARD					
	10	1D4540	1	BOLT					
	11	1B9575	3	BOLT					
	12	8M4432	2	SEAL-O-RING					
	13	4N3840	1	COVER					
	14	4N3841	1	GASKET					
	15	OS1617	2	BOLT					
J	16	8T6761	1	PLUG-PIPE					
L	17	7X7731	1	PLUG-PIPE					
H	18	8T6767	1	PLUG-PIPE					
	19	OS1588	3	BOLT					
	20	5M2894	4	WASHER					
	21	7X7731	1	PLUG-PIPE					

R-REMFG PART MAY BE AVAILABLE
Y-SEPARATE ILLUSTRATION

F-570272 EP

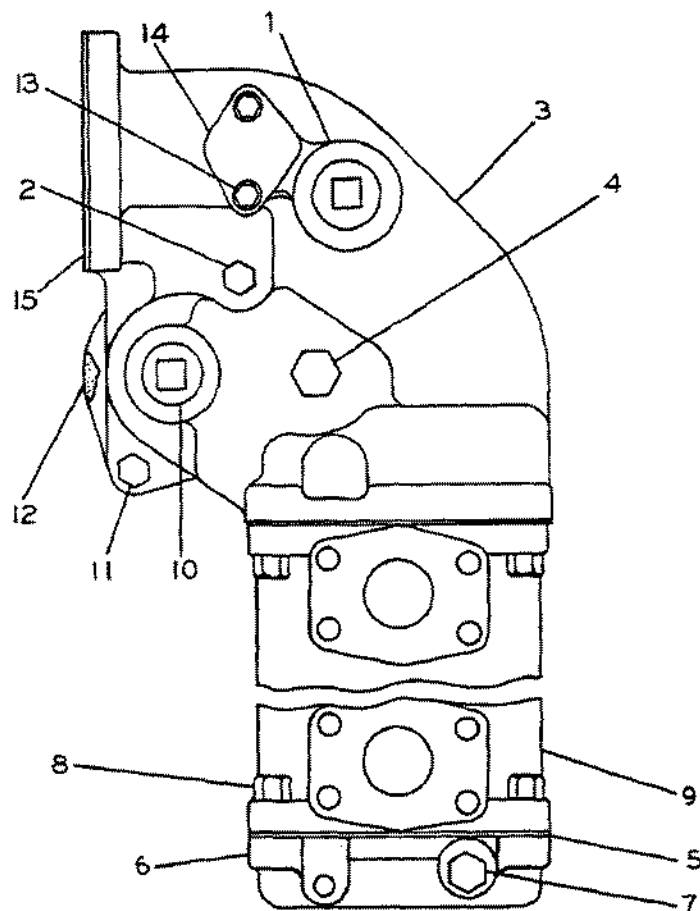
1378

7E3392 COOLER GP-FILTER BASE & ENGINE OIL

8N4457-Page 67

Part Of 7E3705 Cooler-Filter Base & Engine Oil

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3B0551	1	PLUG-PIPE					
C	2	OL1352	1	BOLT					
C	3	6N0124	1	BONNET					
	4	3J5390	1	PLUG					
	5	5M4741	2	GASKET					
	6	5S7163	1	BONNET					
	7	8M9307	1	PLUG-DRAIN					
		6F7062	1	WASHER					
	8	1A2029	8	BOLT					
R	9	2W9978	1	CORE AS-OIL COOLER					
	10	1B5174	1	PLUG-PIPE					
C	11	OS1591	1	BOLT					
	12	2W4561	1	GASKET					
C	13	OS1617	2	BOLT					
C		9M1974	2	WASHER-HARD					
C	14	4N3840	1	COVER					
C		4N3841	1	GASKET					
C	15	5S6051	1	GASKET					

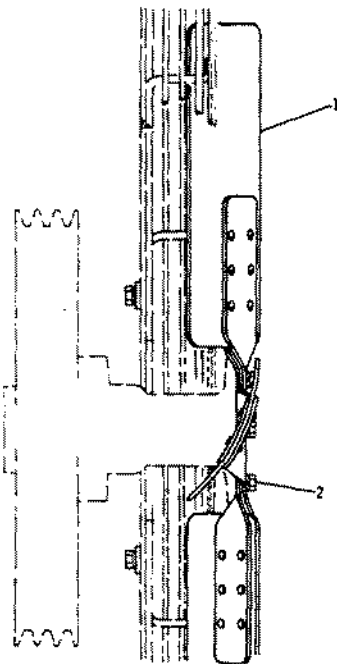
C-CHANGE FROM PREVIOUS TYPE
R-REMFG PART MAY BE AVAILABLE

R-518332 EP

1375

3N7688 COOLER GP-TRANSMISSION OIL
An Attachment

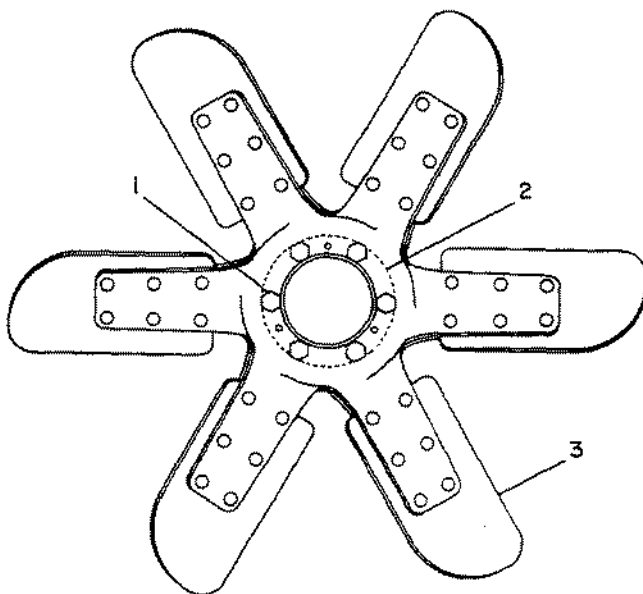
COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C C	1	4N2572	1	SPIDER AS-FAN
	2	1A2029	6	BOLT
		5M2894	6	WASHER
C-CHANGE FROM PREVIOUS TYPE				
B-166112 EP				

1356

4N2570 FAN GP-SUCTION (33 IN)
An Attachment

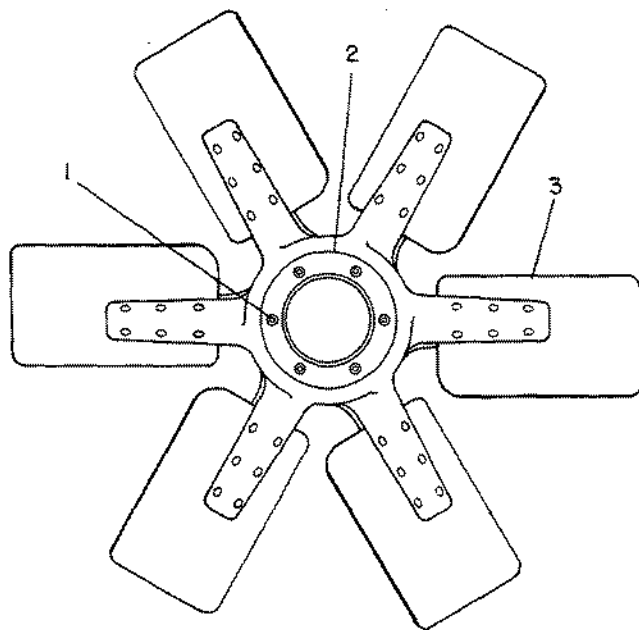


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	2B2694	6	BOLT
		9M1974	6	WASHER-HARD
	2	1L0653	1	SPACER-SPIDER
	3	2M4276	1	SPIDER AS-FAN
B-480237 EP				

1356

4N4683 FAN GP-SUCTION - 660 MM (26 IN)
An Attachment

COOLING SYSTEM

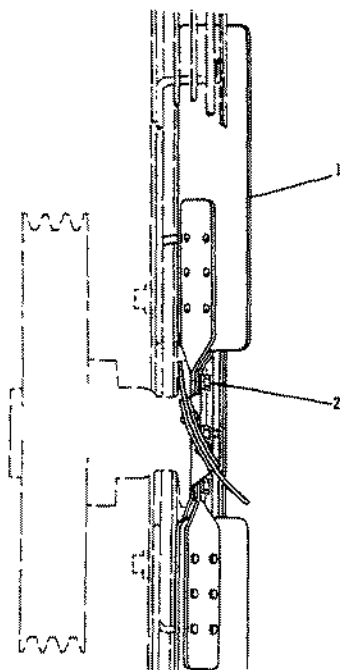


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1B9575	6	BOLT
		9M1974	6	WASHER-HARD
	2	5L1313	1	SPACER-SPIDER
	3	1N8171	1	SPIDER AS-FAN

B-117659 EP

1356

4N4685 FAN GP-SUCTION - 660 MM (26 IN)
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	4N2571	1	FAN AS-BLOWER
	2	1A2029	6	BOLT
		5M2894	6	WASHER

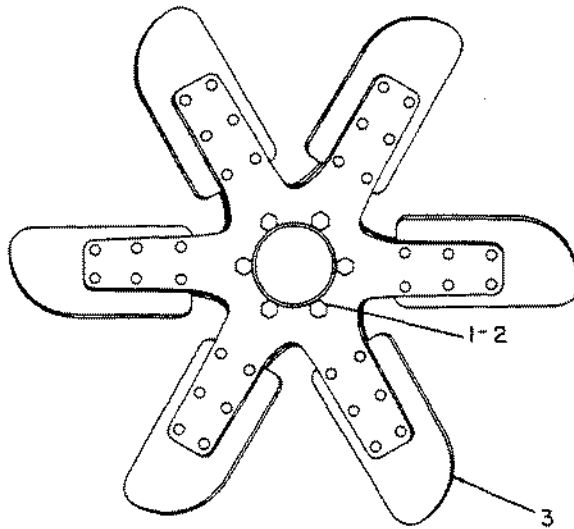
C-CHANGE FROM PREVIOUS TYPE

B-217636 EP

1356

4N2569 FAN GP-BLOWER (33 IN)
An Attachment

COOLING SYSTEM

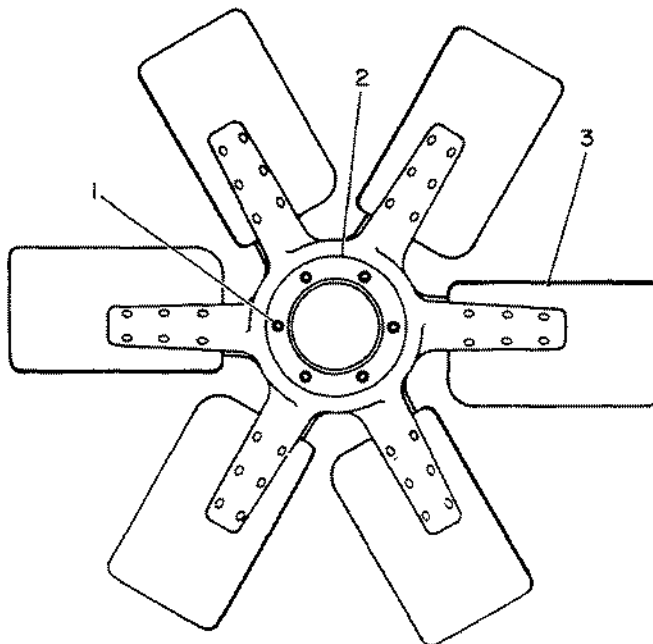


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	483388	6	BOLT
	2	9M1974	6	WASHER-HARD
	3	2M4277	1	SPIDER AS

B-117746 EP

1356

4N4684 FAN GP-BLOWER - 660 MM (26 IN)
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1B2790	6	BOLT
		9M1974	6	WASHER-HARD
	2	2L3980	1	SPACER-SPIDER
	3	1N8173	1	SPIDER AS-FAN

B-117660 EP

1256

4N4686 FAN GP-BLOWER - 660 MM (26 IN)
An Attachment

COOLING SYSTEM

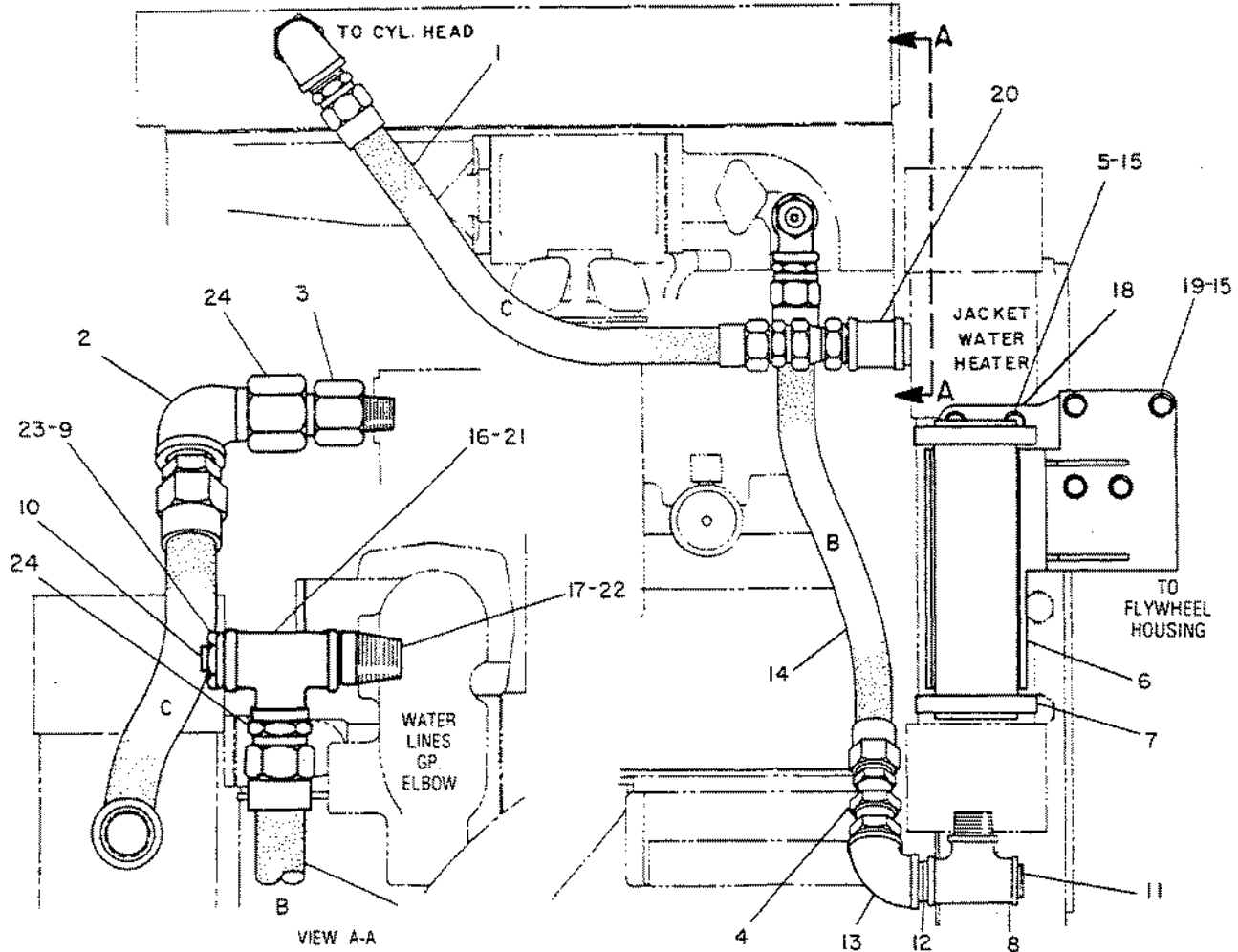
1 1057123 THERMOSTAT AS

560549 P

1383

7E6247 HEATER GP-JACKET WATER
3 Kw - 120/240 Volt
An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5N6056	1	HOSE AS					J-FOR USE WITHOUT WATERCOOLED MANIFOLD
	2	3B6555	1	ELBOW					L-FOR USE WITH WATERCOOLED MANIFOLD
	3	70950	1	ADAPTER-PIPE					
	4	1L5987	2	CONNECTOR-PIPE					
	5	1A2029	4	BOLT					
	6	5N6061	1	BRACKET AS					
	7	5P0598	2	CLAMP					
	8	4B7770	1	TEE					
J	9	5B4855	1	BUSHING-REDUCER					
	10	2B0858	1	PLUG-PIPE					
	11	3B0551	1	PLUG-PIPE					
	12	7B7169	1	NIPPLE-CLOSE					
	13	3B6498	1	ELBOW					
C	14	7D6093	1	HOSE AS					
	15	5M2894	8	WASHER					
CJ	16	4B7770	1	TEE					
J	17	6B8128	1	NIPPLE-PIPE					
	18	7C5092	1	PLATE					
	19	OS0509	4	BOLT					
	20	3B6491	1	COUPLING-PIPE					
L	21	1L8444	1	TEE					
L	22	3B7267	1	NIPPLE-PIPE					
L	23	8B2664	1	BUSHING-REDUCER					
C	24	45703	2	ADAPTER-PIPE					

C-CHANGE FROM PREVIOUS TYPE

B-410481 EP

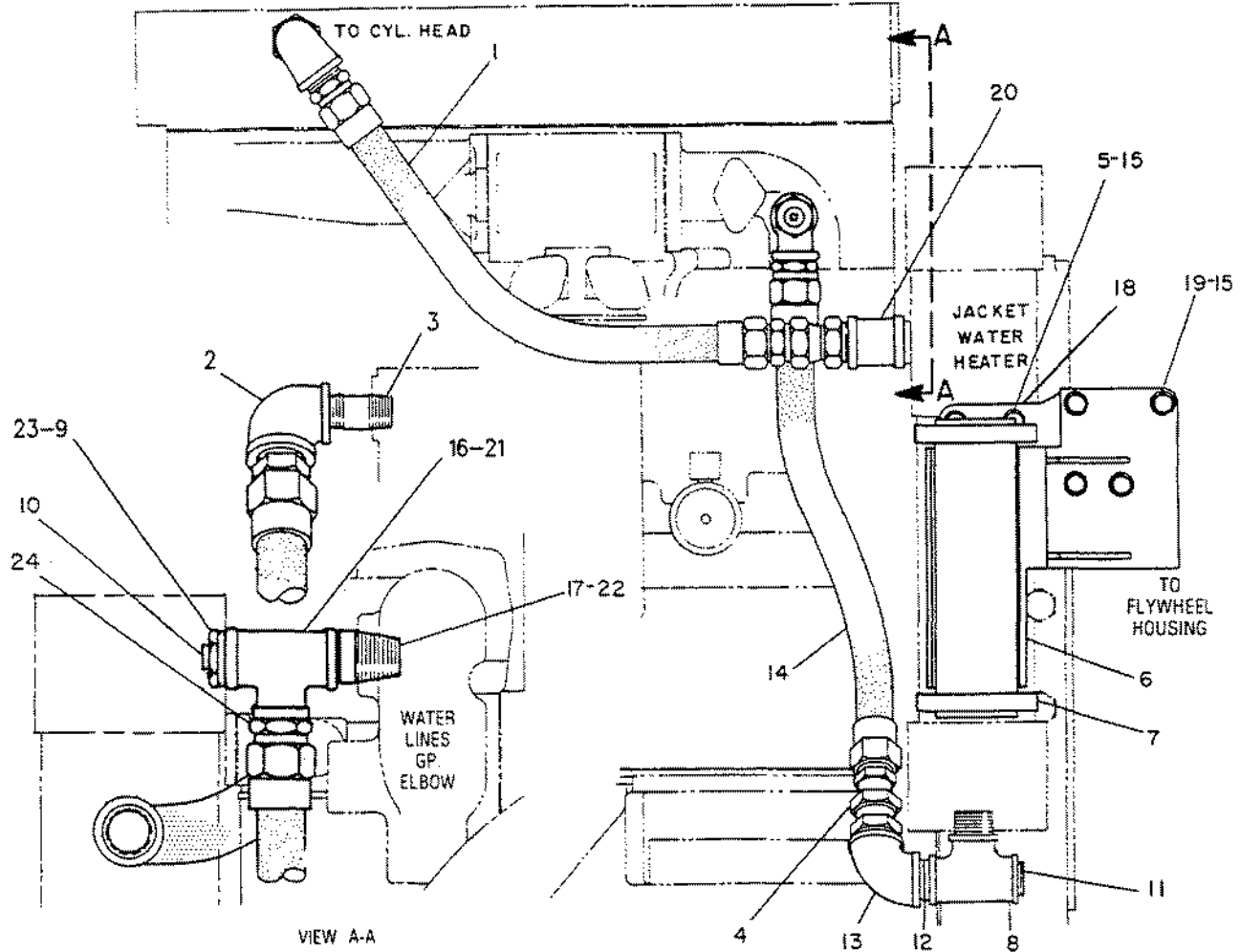
1383

5N6057 MOUNTING GP-JACKET WATER HEATER

Type 1 S/N 2B11014-Up

Cannot Be Used With Heavy Duty Cleaner Or Transmissions Oil Cooler Gp
An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
IC	1	5N3340	1	HOSE AS					J-FOR USE WITHOUT WATERCOOLED MANIFOLD
C	2	3F1783	1	ELBOW-REDUCING					L-FOR USE WITH WATERCOOLED MANIFOLD
	3	3B7866	1	NIPPLE-PIPE					
	4	1L5987	2	CONNECTOR-PIPE					
	5	1A2029	4	BOLT					
	6	5N6061	1	BRACKET AS					
	7	5P0598	2	CLAMP					
	8	4B7770	1	TEE					
J	9	5B4855	1	BUSHING-REDUCER					
	10	8T6762	1	PLUG-PIPE					
	11	8T6761	1	PLUG-PIPE					
	12	7B7169	1	NIPPLE-CLOSE					
	13	3B6498	1	ELBOW					
	14	7D6093	1	HOSE AS					
	15	5M2894	8	WASHER					
J	16	4B7770	1	TEE					
U	17	6B8128	1	NIPPLE-PIPE					
	18	7C5092	1	PLATE					
	19	0S0509	4	BOLT					
	20	3B6491	1	COUPLING-PIPE					
L	21	1L8444	1	TEE					
L	22	3B7267	1	NIPPLE-PIPE					
L	23	8B2664	1	BUSHING-REDUCER					
	24	45703	2	ADAPTER-PIPE					

C-CHANGE FROM PREVIOUS TYPE
I-SEE HOSE FABRICATION GUIDE

R-573165 EP

1383

5N6057 MOUNTING GP-JACKET WATER HEATER

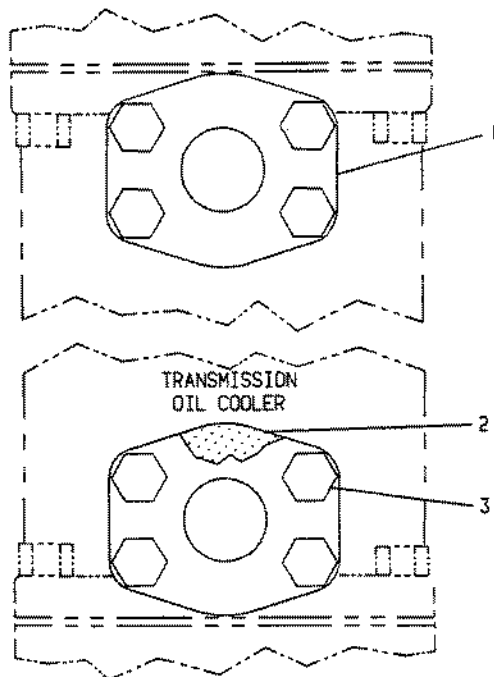
Type 2 S/N 2B11014-Up

Cannot Be Used With Heavy Duty Cleaner Or Transmissions Oil Cooler Gp
An Attachment

103.01

SEBP2156

COOLING SYSTEM

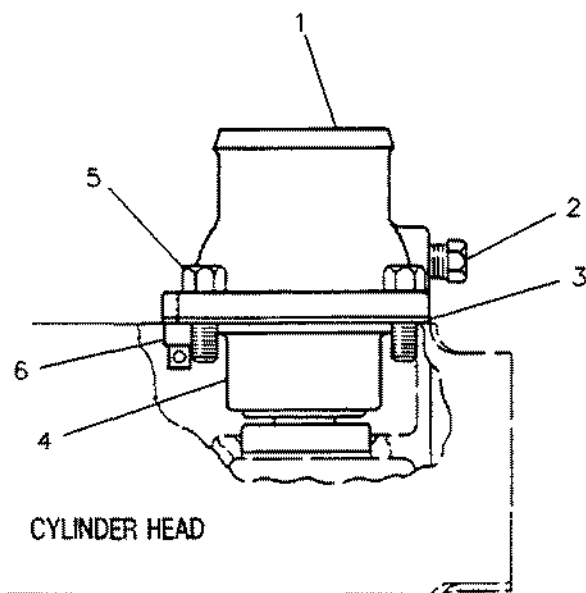


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7C8772	2	FLANGE
	2	2D0094	2	GASKET
	3	1A2029	8	BOLT

A-513388 EP

1375

1W6273 FLANGE GP
For Use With Transmission Oil Cooler
An Attachment



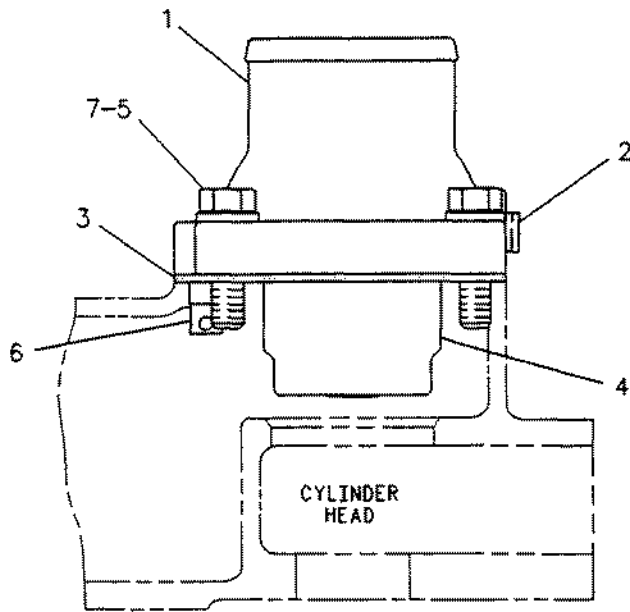
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8N0743	1	PIPE-HEAD OUTLET
	2	5M6213	1	PLUG
	3	7N0944	1	GASKET
	4	7E3361	1	REGULATOR-WATER TEMPERATURE
	5	OS1594	4	BOLT
	6	8N4485	1	VALVE AS

R-518323 EP

1355

4W8113 HOUSING & REGULATOR GP
Only For Use In Underground Mining Applications
An Attachment

COOLING SYSTEM



RIGHT SIDE VIEW

NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	1W6810	1	PIPE-OUTLET
C	2	8T6763	1	PLUG
	3	7N0944	1	GASKET
	4	1118010	1	REGULATOR-WATER TEMPERATURE
C	5	5S7382	4	BOLT (3/8-16X1.375IN)LG
	6	8N4485	1	VALVE AS (VENT)
	7	8T4896	4	WASHER-HARD

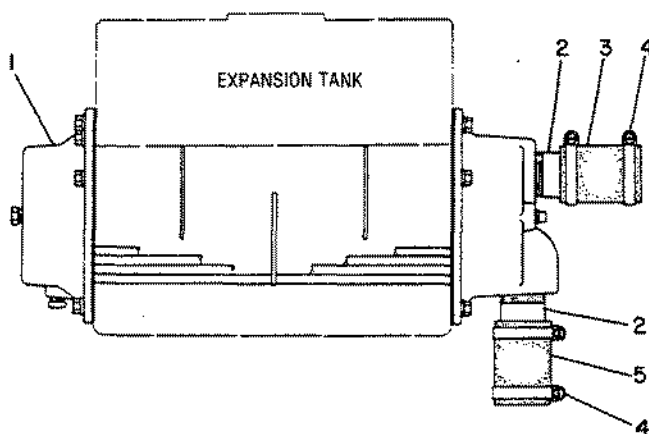
C-CHANGE FROM PREVIOUS TYPE

F-584185 EP

1355

8N0888 HOUSING & REGULATOR GP

Not For Use In Underground Mining Applications
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	3N3270	1	HEAT EXCHANGER GP
	2	4H7137	2	PIPE
G	3	2S6654		HOSE-COOLANT (3.50IN)
	4	9M0164	4	CLAMP-HOSE
G	5	2S6654		HOSE-COOLANT (3.50IN)

G-ORDER BY THE INCH
Y-SEPARATE ILLUSTRATION

B-117797 EP

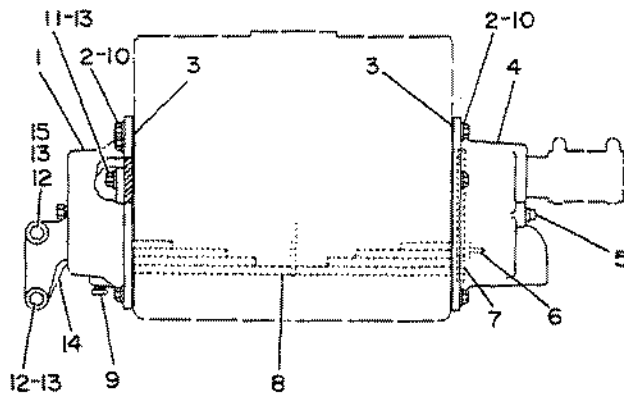
1379

3N4925 HEAT EXCHANGER GP-SEA WATER

3N3270-Page 106

For Use With Expansion Tank, Auxiliary Water Pump
Or Auxiliary Water Lines. An Attachment

COOLING SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7L0875	1	BONNET-HEAT EXCHANGER
C	2	1A2029	14	BOLT
	3	7L0874	2	GASKET-HEAT EXCHANGER
	4	7L0877	1	BONNET-HEAT EXCHANGER
	5	6L2279	2	PLUG-PIPE
	6	6L2280	2	ROD (ZINC)
	7	8L4478	2	DOWEL
	8	5D6642	2	SEAL-O-RING
	9	8L5418	1	BUNDLE-EXCHANGER TUBE
	10	9B0877	2	PLUG
C	11	5M2894	14	WASHER
C	12	1A2029	2	BOLT 28.58MM(1.125IN)LG
				-OR-
C	13	3B1915	2	BOLT 34.93MM(1.375IN)LG
C	14	OS1619	2	BOLT
C	15	9N1650	4	WASHER-HARD
C		7N1991	1	SUPPORT-EXPANSION TANK
BC		6B0933	2	SPACER

B-USE AS REQUIRED
C-CHANGE FROM PREVIOUS TYPE

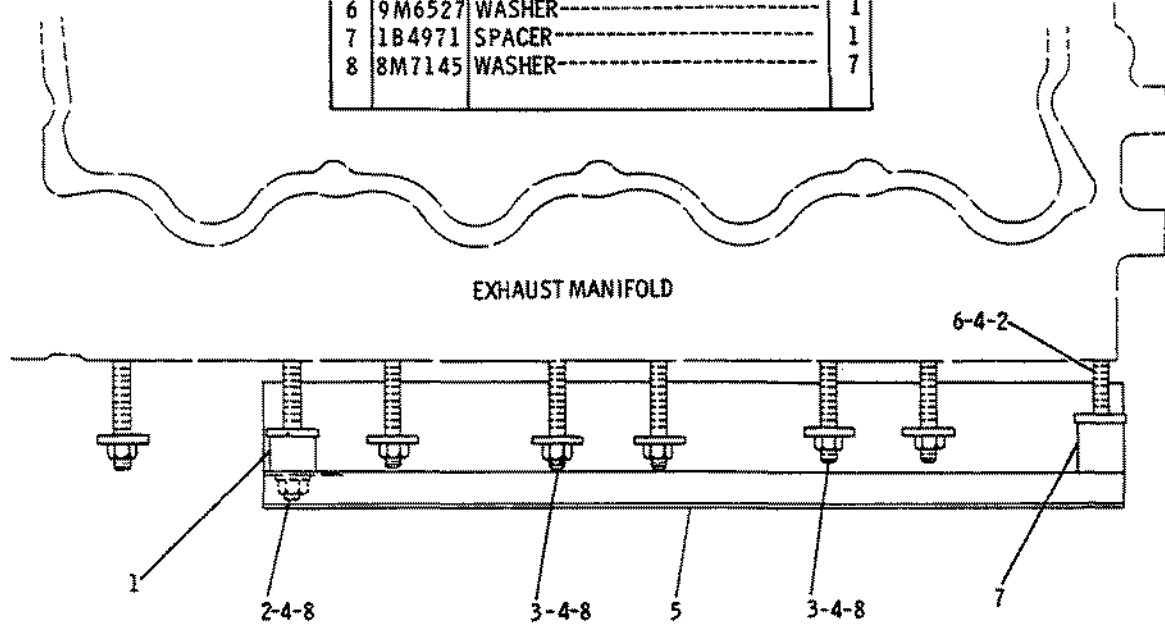
B-345673 EP

1379

3N3270 HEAT EXCHANGER GP-SEA WATER
For Use With Expansion Tanks & Auxiliary Lines
Part Of 3N4925 Heat Exchanger
An Attachment

AIR INLET AND EXHAUST SYSTEM

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1M7643	SPACER	1
2	2M2488	STUD	2
3	5M2894	WASHER	2
4	7S6719	STUD	6
5	1B5355	NUT	8
6	4N9587	SHIELD	4
7	9M6527	WASHER	1
8	1B4971	SPACER	1
9	8M7145	WASHER	7



C INDICATES CHANGE

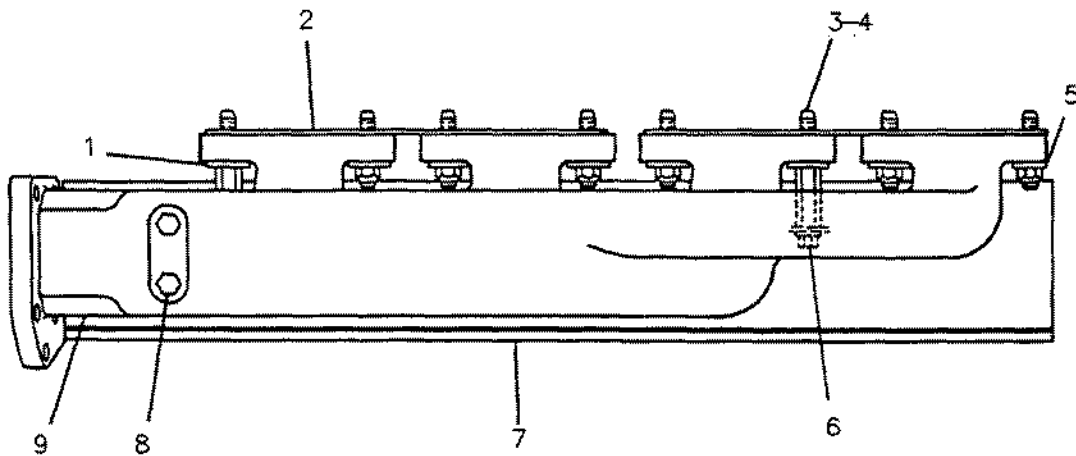
229654

229654 EP

1059

4N9585 FASTENER GP-EXHAUST MANIFOLD
Also An Attachment

AIR INLET AND EXHAUST SYSTEM



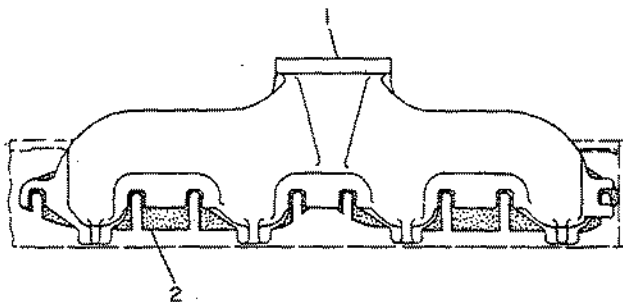
NOTE	REF NO	PART NUMBER	QTY	PART NAME	NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8M7145	7	WASHER					
	2	8S6410	2	GASKET-MANIFOLD					
	3	6V1525	8	STUD-TAPERLOCK					
	4	2N2766	6	LOCKNUT					
	5	5P1075	1	WASHER-HARD					
		OS0509	2	BOLT					
	6	7L4346	2	NUT-SPACER					
		5M2894	2	WASHER					
	7	7N2905	1	SHIELD-MANIFOLD & FUEL PUMP					
	8	5B7890	2	PLUG-PIPE					
	9	2W3261	1	MANIFOLD-EXHAUST					

R-518344 EP

1059

4N9657 MANIFOLD GP-EXHAUST

AIR INLET AND EXHAUST SYSTEM

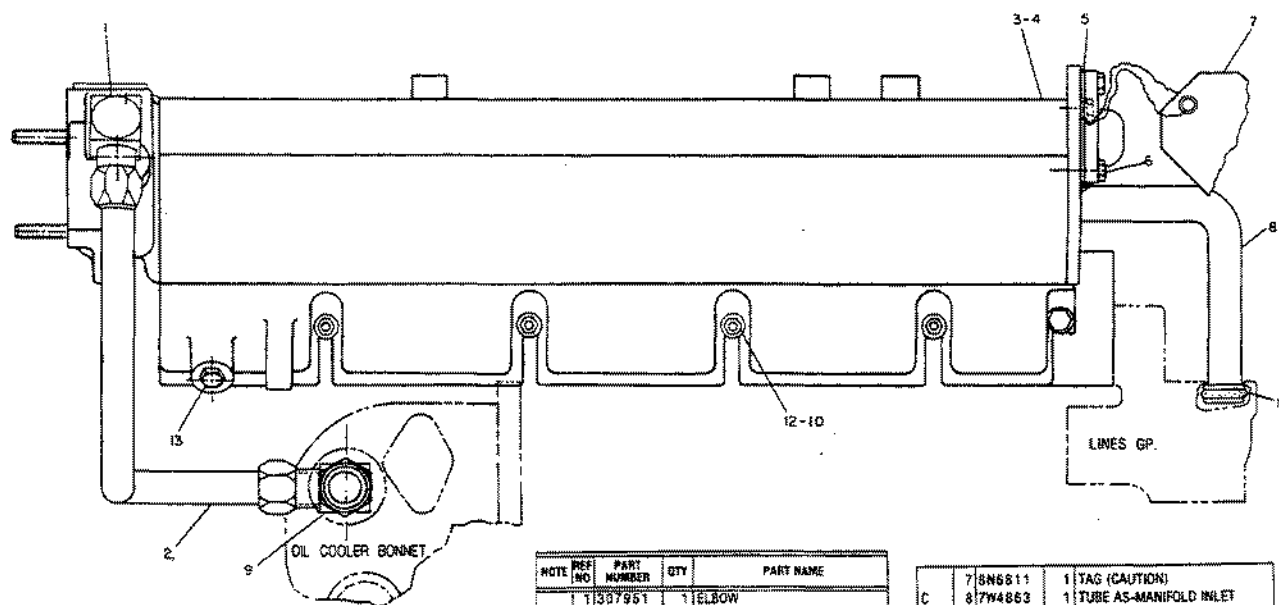


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9S2356	1	MANIFOLD-EXHAUST
	2	9Y1979	2	GASKET-MANIFOLD
B-469437 EP				

1059

2P6570 MANIFOLD GP-EXHAUST
Also An Attachment

AIR INLET AND EXHAUST SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	337951	1	ELBOW
	2	7M8485	1	SEAL
	3	2W7194	1	MANIFOLD AS-EXHAUST
	4	6L8562	4	STUD-TAPERLOCK
	5	6L6580	1	GASKET
	6	10S0509	2	BOLT

C	7	8N6811	1	TAG (CAUTION)
	8	7W4853	1	TUBE AS-MANIFOLD INLET
	9	315744	1	ELBOW
	10	5M2894	1	CONNECTOR
	11	9M4849	1	WASHER
	12	185355	1	SEAL-O-RING
	13	2M4779	1	NUT-FULL
	14	3J5380	1	STUD-TAPERLOCK
	15	3J5380	1	PLUG

C-INDICATES CHANGE

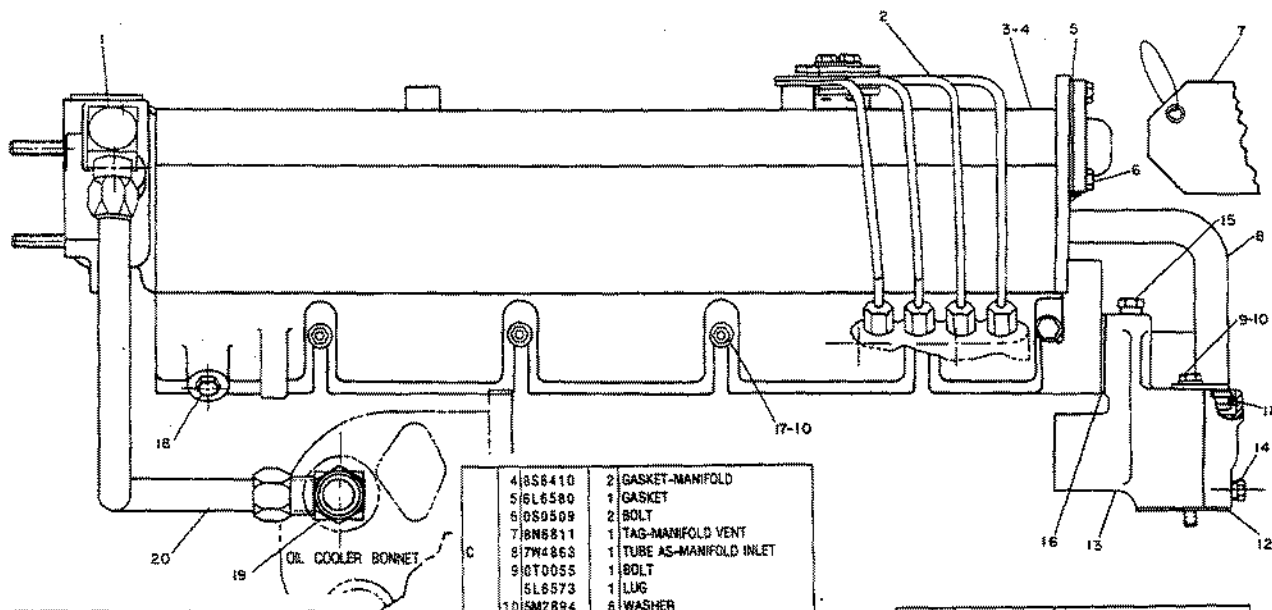
409281

1059

7W5979 MANIFOLD GP-WATER COOLED EXHAUST

V-409281 EP

AIR INLET AND EXHAUST SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Y	1	307951	1	ELBOW
	2	7M8485	1	SEAL
	2	8N5969	1	LINES GP-FUEL INJECTION
	3	2W7194	1	MANIFOLD AS-EXHAUST
	4	6L8562	4	STUD-TAPERLOCK

Y SEPARATE ILLUSTRATION

4	8S8410	2	GASKET-MANIFOLD
5	6L8580	1	GASKET
6	0S9509	2	BOLT
7	8N6811	1	TAG-MANIFOLD VENT
8	7W4863	1	TUBE AS-MANIFOLD INLET
9	0T0055	1	BOLT
	5L8573	1	LUG
10	5M2894	6	WASHER
11	9M4849	1	SEAL-O-RING
12	7N2000	1	GASKET
13	8W4151	1	LINES GP-WATER
	7N6918	1	ELBOW
	1B5174	3	PLUG-PIPE
14	5M6213	2	PLUG
15	3J5390	1	PLUG

16	2P6132	1	GASKET-ELBOW
17	1B5355	5	NUT-FULL
	2M4779	5	STUD-TAPERLOCK
18	3J5390	1	PLUG
19	315744	1	ELBOW
	094440	1	CONNECTOR
20	4W8708	1	TUBE AS

C INDICATES CHANGE

400636

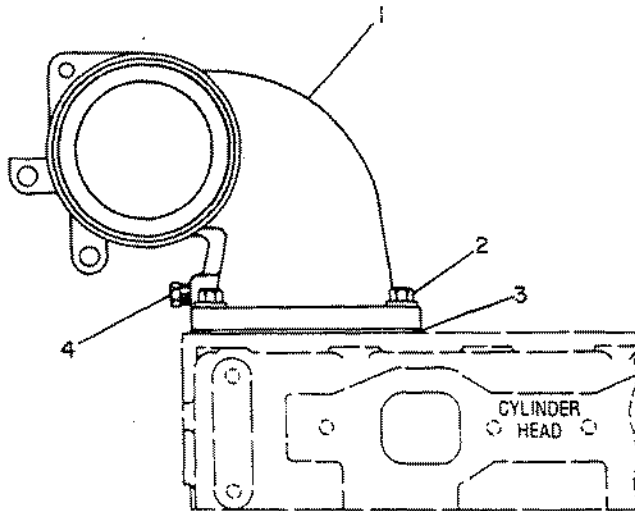
1059

2W7199 MANIFOLD GP-WATER COOLED EXHAUST

8N5969-Page 153

For Use With Naturally Aspirated Engines
An Attachment

AIR INLET AND EXHAUST SYSTEM



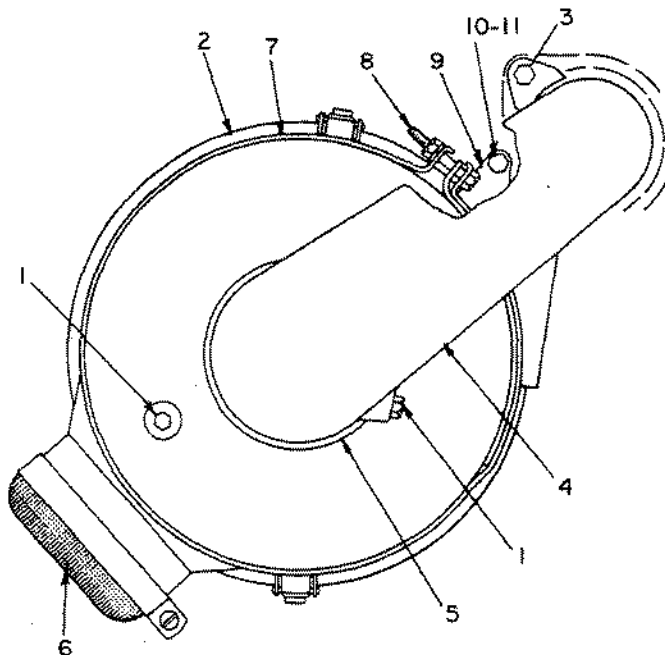
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7L0496	1	ELBOW-AIR INLET
	2	2P3201	4	BOLT-WASHER HEAD 2.54CM(1IN) LONG -OR-
C		OS1588	4	BOLT 3.18CM(1.25IN) LONG
C		5M2894	4	WASHER
	3	5S6735	1	GASKET
	4	5M6213	1	PLUG

C-CHANGE FROM PREVIOUS TYPE

B-203202 EP

1058

3N3314 LINES GP-AIR
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5M6214	2	PLUG-PIPE
CY	2	6N3686	1	AIR CLEANER GP
	3	2P3201	1	BOLT-WASHER HEAD
		9L1659	1	LUG
	4	7L5368	1	ELBOW-AIR CLEANER
C		4L8337	2	SEAL-O-RING
C	5	3H0976	2	SEAL-O-RING
	6	5L7874	1	SCREEN-AIR INLET
	7	5L7875	2	BAND-AIR CLEANER
	8	8T9367	2	BOLT
		6V8185	2	NUT
		8T4205	4	WASHER-HARD
	9	8L5802	1	BRACKET AS-MOUNTING
	10	8T7008	2	BOLT
		6V8801	2	NUT
	11	8T4896	4	WASHER-HARD

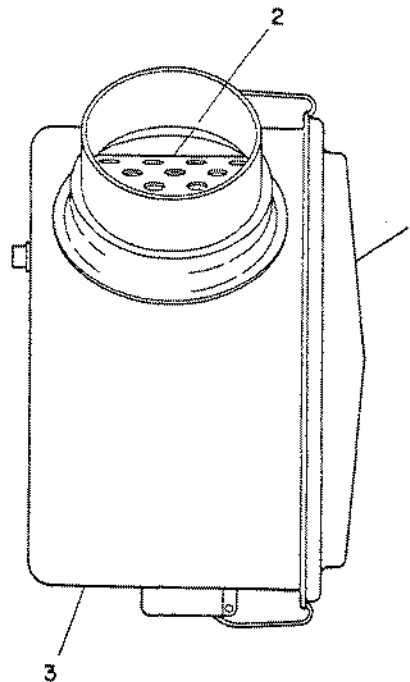
C-CHANGE FROM PREVIOUS TYPE
Y-SEPARATE ILLUSTRATION

R-514300 EP

1051

7L0250 AIR CLEANER GP
6N3686-Page 113
An Attachment

AIR INLET AND EXHAUST SYSTEM

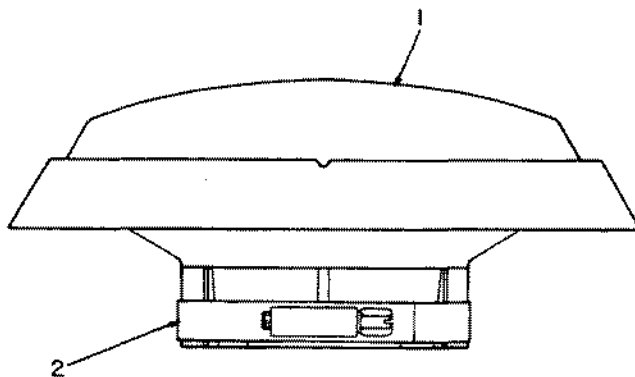


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	1W8588	1	COVER-AIR CLEANER
	2	4L9851	1	ELEMENT AS
	3	7L8470	1	BODY AS
				THE FOLLOWING REPAIR KIT IS AVAILABLE:
		2N9882	1	KIT-SPACER (INCLUDES 4 SPACERS)

B-413034 EP

1051

6N3686 AIR CLEANER GP
Part Of 7L0250 Air Cleaner
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
Z	1		1	CAP
C	2	5P0599	1	CLAMP

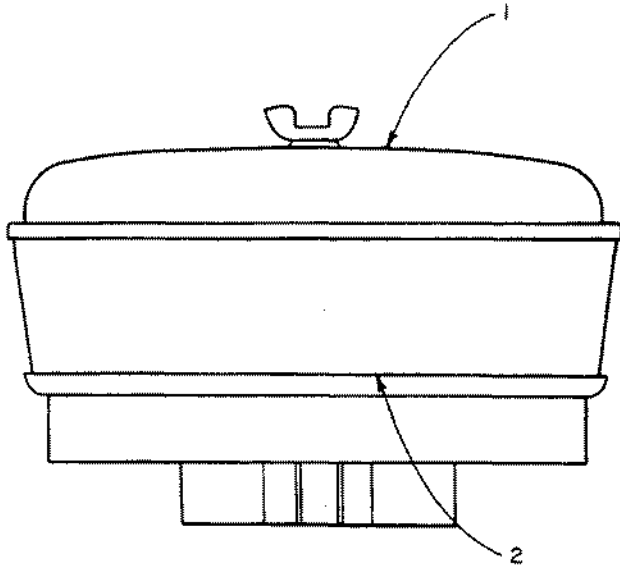
C-CHANGE FROM PREVIOUS TYPE
Z-NOT SERVICED SEPARATELY

B-201769 EP

1051

5L8091 CAP GP-AIR CLEANER
An Attachment

AIR INLET AND EXHAUST SYSTEM

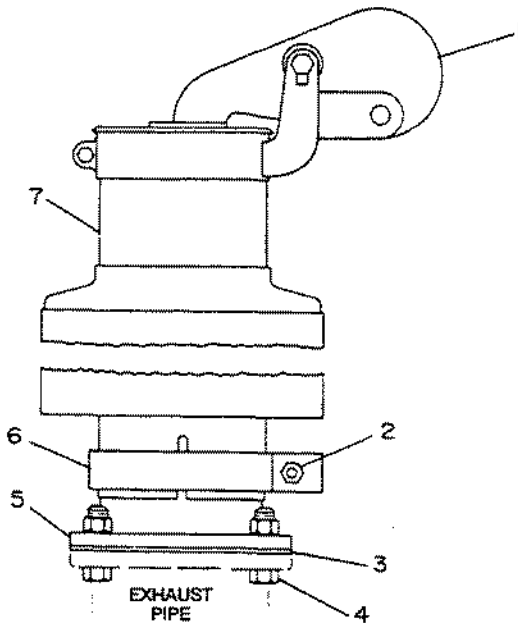


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	9M5201	1	COVER AS
	2	6H8021	1	BODY-PRECLEANER

B-470619 EP

1055

5L7942 PRECLEANER GP
An Attachment



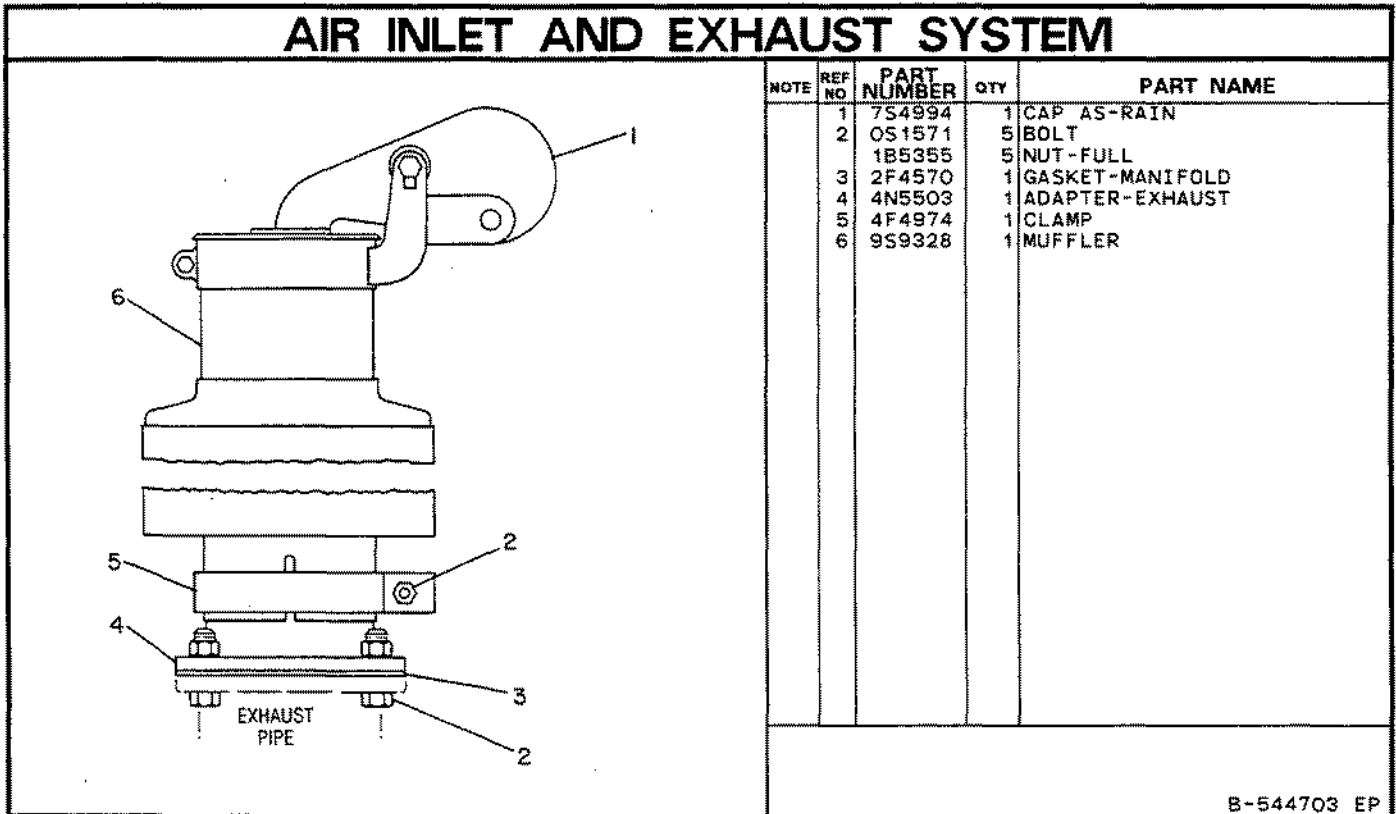
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7S4994	1	CAP AS-RAIN
	2	OS1571	1	BOLT
		1B5355	1	NUT-FULL
	3	6L4716	1	GASKET-FLANGE
	4	OS1585	4	BOLT
		1B5357	4	NUT-FULL
	5	5N6179	1	PIPE AS-EXHAUST
	6	4F4974	1	CLAMP
	7	9S9328	1	MUFFLER

B-225344 EP

1062

5N6180 MUFFLER GP
An Attachment

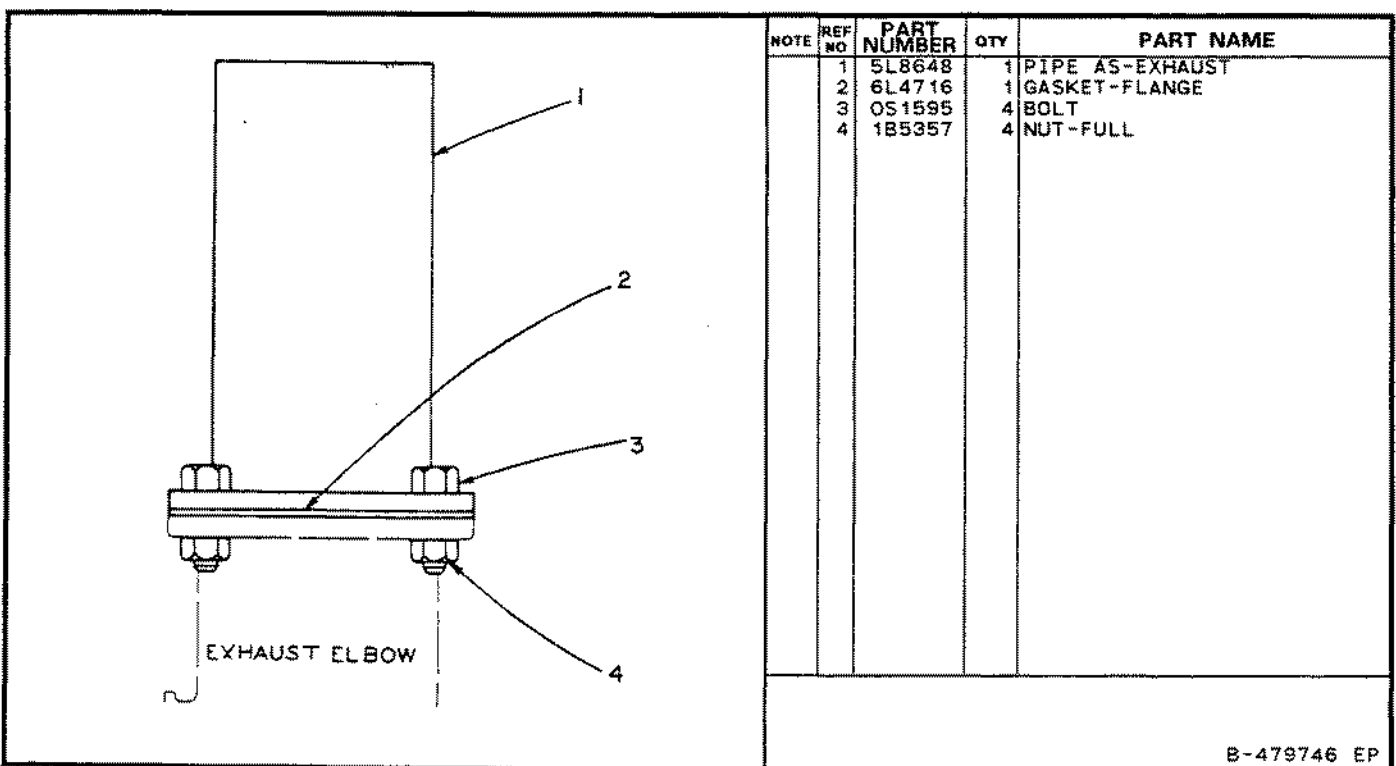
AIR INLET AND EXHAUST SYSTEM



1062

5N7113 MUFFLER GP

For Use With Naturally Aspirated Generator Set With
Exhaust Outlet Atop Center Of Manifold
An Attachment

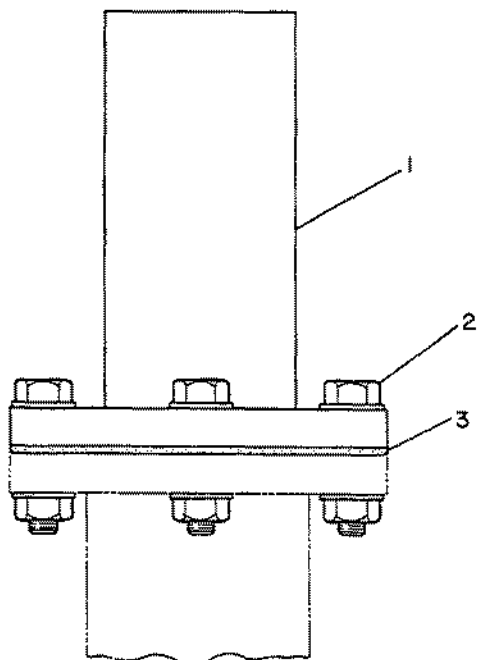


1061

5L8649 PIPE GP-EXHAUST - 102 MM (4 IN)

5L8671 Muffler & 7S4994 Rain Cap Are Available
An Attachment

AIR INLET AND EXHAUST SYSTEM

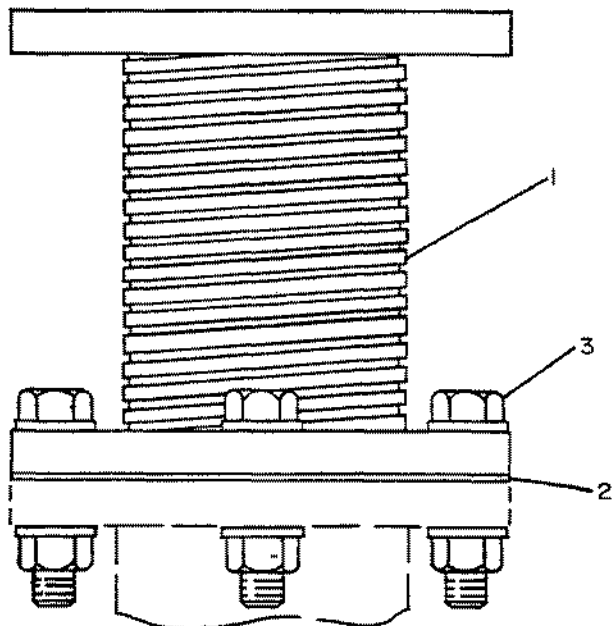


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	2W5224	1	PIPE AS
	2	5L4398	4	BOLT
		1B5357	4	NUT-FULL
		5P8245	8	WASHER
	3	2W5227	1	GASKET

B-319297 EP

1061

2W5223 PIPE GP-EXHAUST - 3 INCH
An Attachment



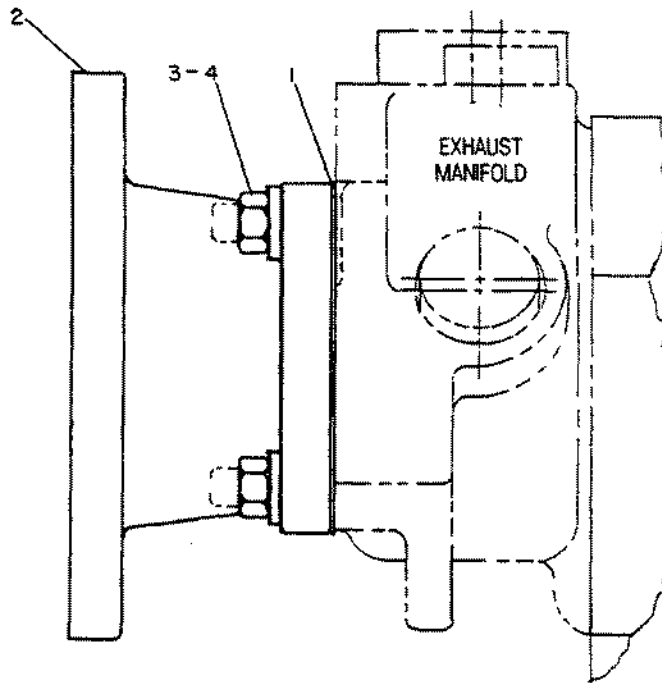
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	2W5220	1	ADAPTER AS
	2	2W5227	1	GASKET
	3	5L4398	4	BOLT
		1B5357	4	NUT-FULL
		5P8245	8	WASHER

B-319287 EP

1061

2W5219 FITTING GP-EXHAUST - FLEXIBLE (3 IN)
An Attachment

AIR INLET AND EXHAUST SYSTEM



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	7M7273	1	GASKET
	2	2W7844	1	ADAPTER
	3	5M2894	4	WASHER
	4	1B5355	4	NUT

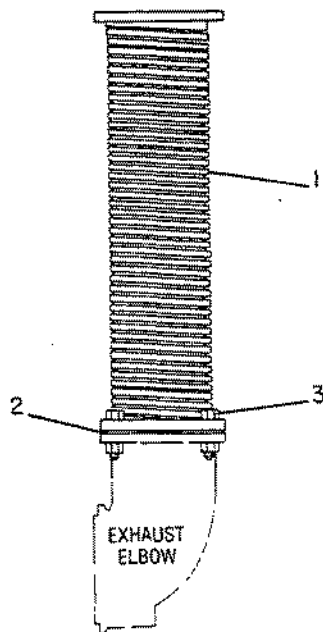
329997

329997 EP

1061

2W7843 FITTING GP-EXHAUST (3 INCH)
 For Use With 2W5226 Flange, 2W5219 Fitting Or
 Watercooled Exhaust Manifold
 An Attachment

AIR INLET AND EXHAUST SYSTEM

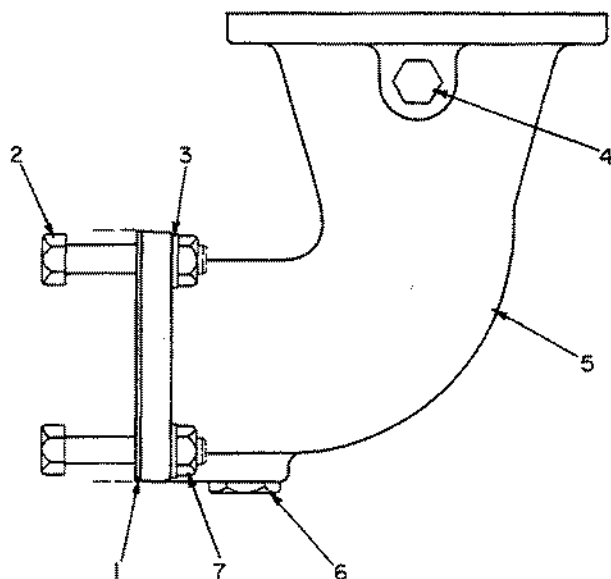


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	3N3013	1	ADAPTER AS
	2	6L4716	1	GASKET-FLANGE
	3	1A1460	4	BOLT
		1B5357	4	NUT-FULL
		5P8245	8	WASHER

B-329998 EP

1061

2W7845 FITTING GP-EXHAUST - FLEXIBLE (4 INCH)
An Attachment



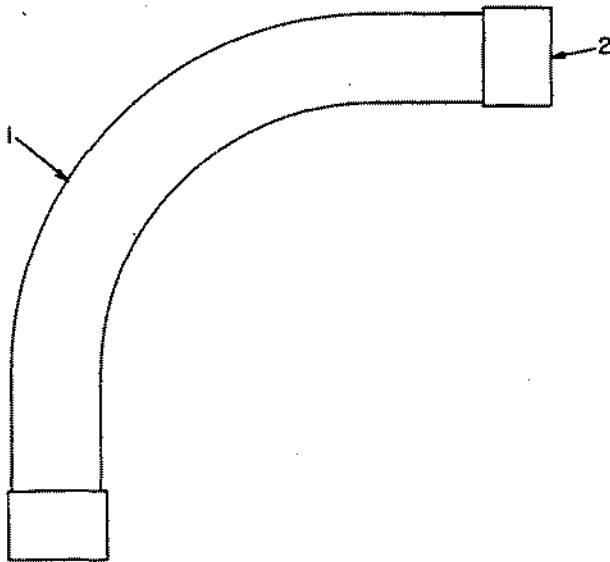
NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	7M7273	1	GASKET-TURBOCHARGER
	2	3H6623	2	BOLT
	3	OTO431	4	WASHER
	4	5B7890	1	PLUG-PIPE
	5	6L7897	1	ELBOW-EXHAUST
	6	3J5390	1	PLUG
	7	8M2296	4	NUT-FULL

B-103027 EP

1061

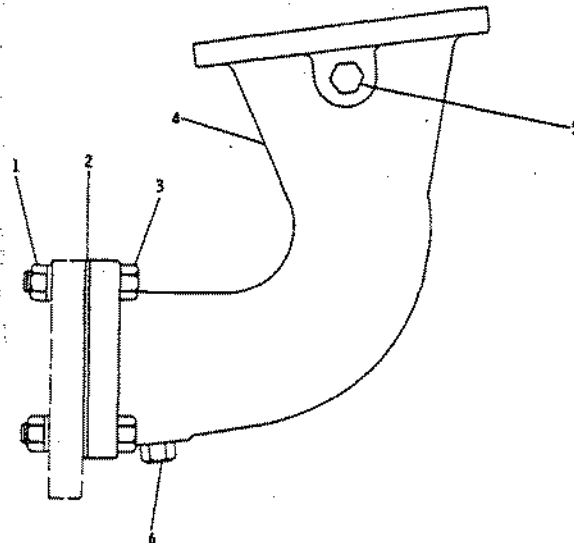
7L0369 ELBOW GP-EXHAUST
Not For Use With Dry Manifold
An Attachment

AIR INLET AND EXHAUST SYSTEM



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5F3065	1	ELBOW
	2	1F6320	2	COUPLING-PIPE
B-102303 EP				

1061 7L0443 ELBOW GP-EXHAUST - 90 DEGREE BEND 102 MM (4 INCH)
 1L1508 Weldable Radius Elbow Is Available
 An Attachment

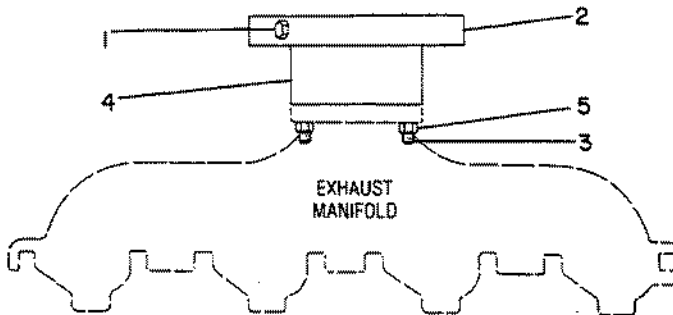


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	8M2296	4	NUT-FULL
	2	5M2894	4	WASHER
	3	6N0390	1	GASKET
	4	9L7373	4	BOLT-HIGH TEMPERATURE
	5	4N9663	1	ELBOW-EXHAUST
	6	5B7890	1	PLUG-PIPE
	7	3J5390	1	PLUG
C-CHANGE FROM PREVIOUS TYPE				

1061 6N0219 ELBOW GP-EXHAUST
 For Use With Dry Manifold
 An Attachment

B-218229 EP

AIR INLET AND EXHAUST SYSTEM

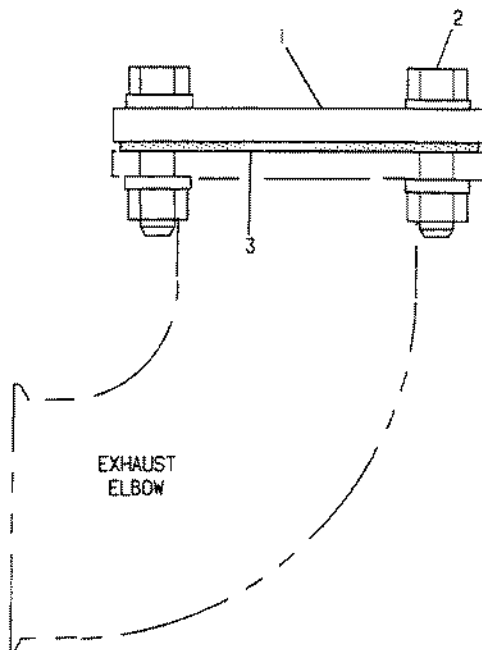


NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	5M6213	1	PLUG
	2	8N9485	1	FLANGE AS-EXHAUST
	3	2M2488	4	STUD
	4	1N3715	1	FLANGE
	5	1B5355	4	NUT-FULL

B-176701 EP

1061

8N9486 FLANGE GP-EXHAUST
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	5N4737	1	FLANGE
	2	1A1460	4	BOLT
		1D4719	4	NUT
		2M0849	8	WASHER
C	3	6L4716	1	GASKET-FLANGE

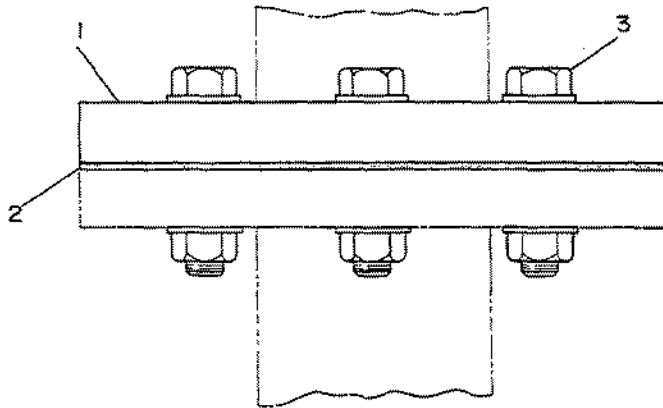
C-CHANGE FROM PREVIOUS TYPE

A-353613 EP

1061

1W8823 FLANGE GP-EXHAUST
Weldable To 4 Inch American Standard Pipe
An Attachment

AIR INLET AND EXHAUST SYSTEM



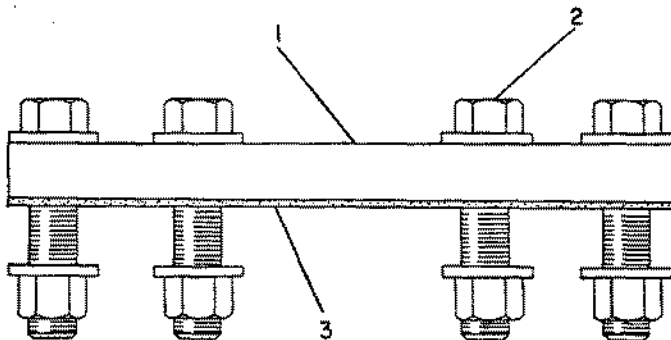
NOTE	REF NO	PART NUMBER	QTY	PART NAME
C	1	2W7849	1	FLANGE-EXHAUST
	2	2W5227	1	GASKET
C	3	5L4398	4	BOLT
C		1B5357	4	NUT-FULL
C		5P8245	8	WASHER

C-CHANGE FROM PREVIOUS TYPE

B-327526 EP

1061

2W5226 FLANGE GP-EXHAUST (3 INCH)
2W4069 Muffler Is Available
An Attachment



NOTE	REF NO	PART NUMBER	QTY	PART NAME
	1	2W7855	1	FLANGE-EXHAUST
	2	5L4398	6	BOLT
		1B5357	6	NUT-FULL
		5P8245	12	WASHER
	3	2W7856	1	GASKET-EXHAUST

B-333483 EP

1061

2W7854 FLANGE GP-EXHAUST
2W4070 Muffler Is Available
An Attachment