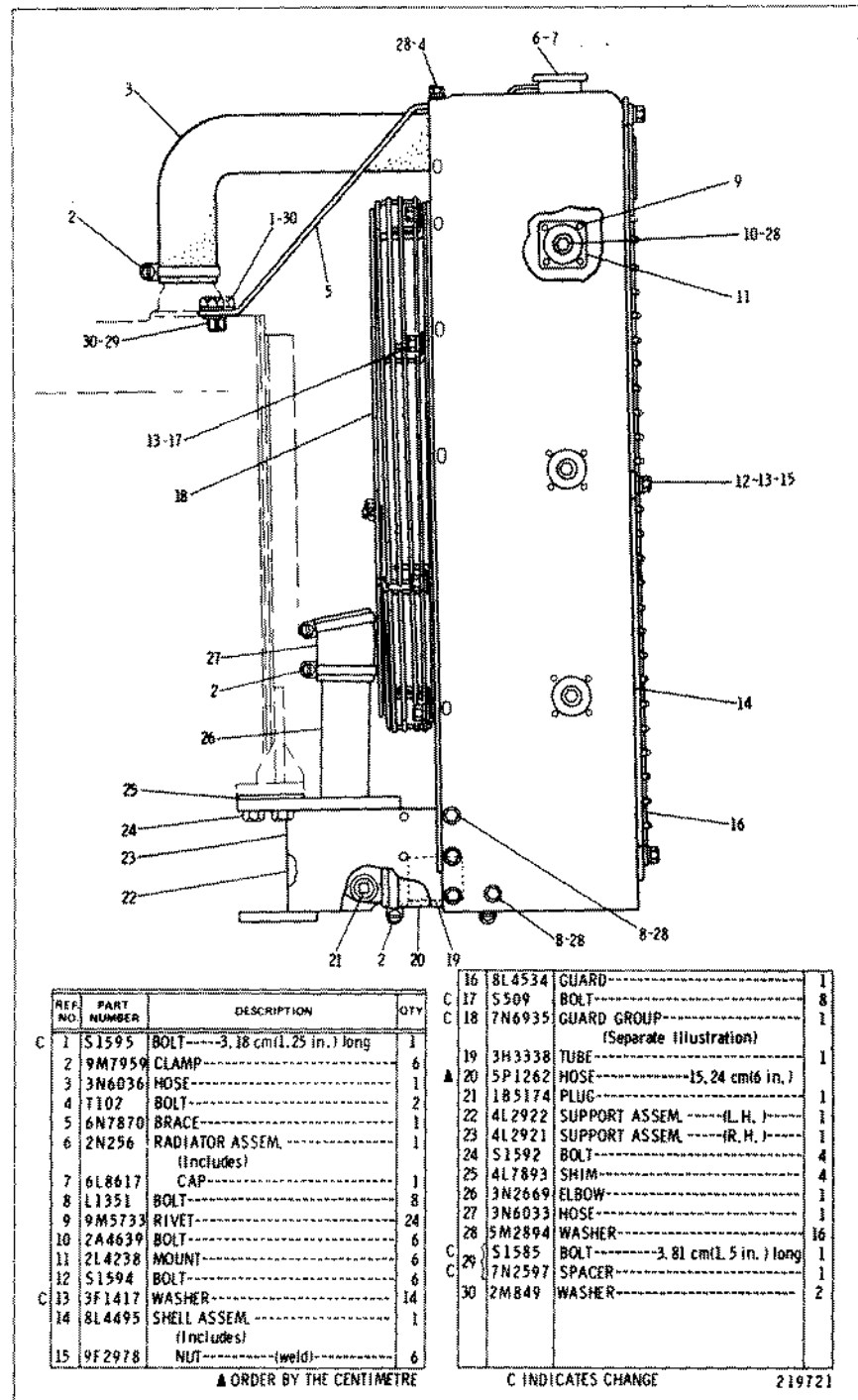




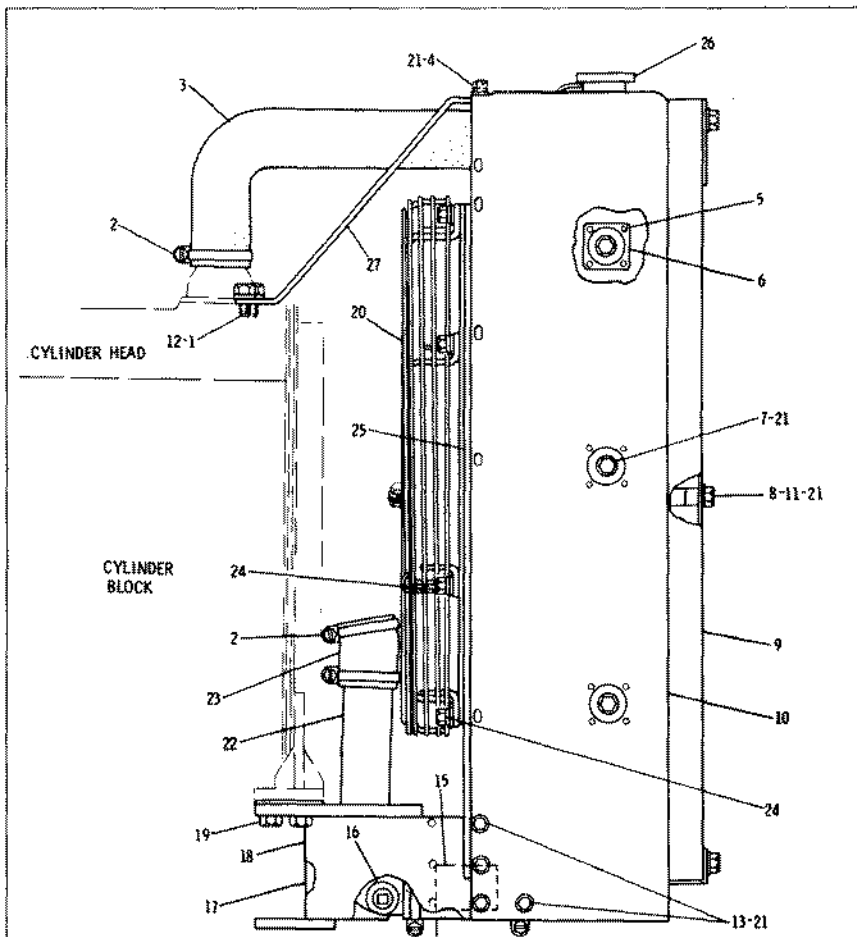
3N2790 RADIATOR GROUP—High Capacity

7N6935 Guard parts are shown on Page 99

Refer to Chart shown on Pages 126 and 127 for usage

AN ATTACHMENT

CATERPILLAR 3306 INDUSTRIAL ENGINE



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	51595	BOLT-----	2
2	9M7959	CLAMP-----	6
3	3N6036	HOSE-----	1
4	T102	BOLT-----	2
5	9M5733	RIVET-----	24
6	2L4238	MOUNT-----	6
7	2A4639	BOLT-----	6
C 8	L1143	BOLT-----	6
8	2B941	SPACER-----	12
9	4B4278	WASHER---2.59 mm(.063 in.) thick	18
10	3N6244	FLANGE ASSEM.-----	1
11	8L4495	SHELL ASSEM.-----	1
		(Includes)	
12	9F2978	NUT-----	6
C 13	2M849	WASHER-----	2
14	L1351	BOLT-----	8
		(Used without hood and dash or hood doors and base group)	
A 14	5P1262	HOSE-----15.24 cm(6 in.)	
15	3H3338	TUBE-----	1
16	1B5174	PLUG-----	1
17	4L2922	SUPPORT ASSEM.---(L.H.)	1
18	4L2921	SUPPORT ASSEM.---(R.H.)	1
19	4B4043	BOLT-----	4
20	4L7893	SHIM-----	4
C 20	7N6935	GUARD GROUP-----	1
		(Separate illustration)	
C 21	5M2894	WASHER---2.77 mm(.109 in.) thick	22
22	3N2669	ELBOW-----	1
23	3N6033	HOSE-----	1
24	5509	BOLT-----	8
25	3F1417	WASHER-----	8
26	2N256	RADIATOR ASSEM.-----	1
		(Includes)	
27	6L8617	CAP-----	1
	6N7870	BRACE-----	1

C INDICATES CHANGE

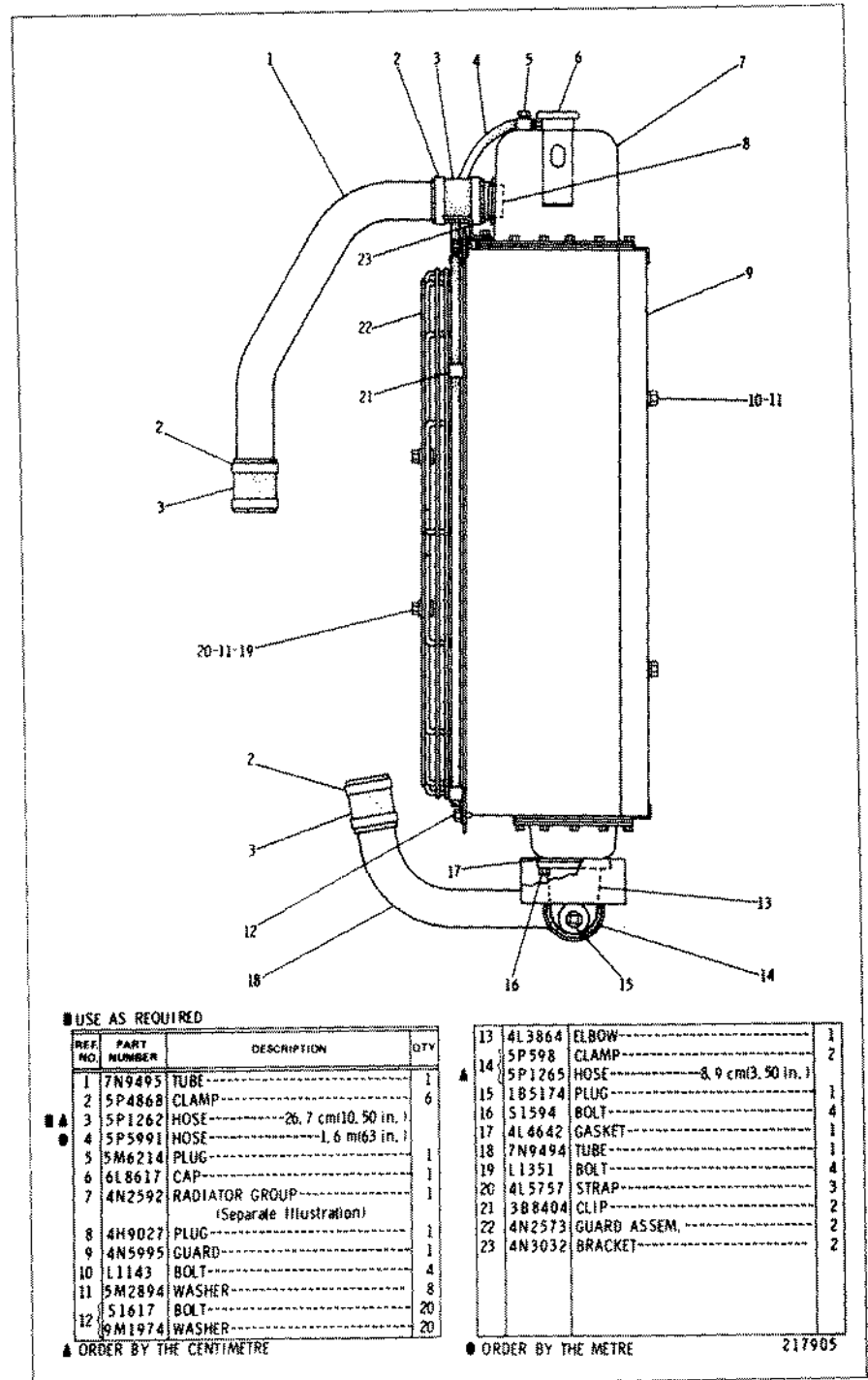
▲ ORDER BY THE CENTIMETRE

217627

3N6694 RADIATOR GROUP—High Capacity
FOR USE WITH DUCT FLANGE

7N6935 Guard parts are shown on Page 99

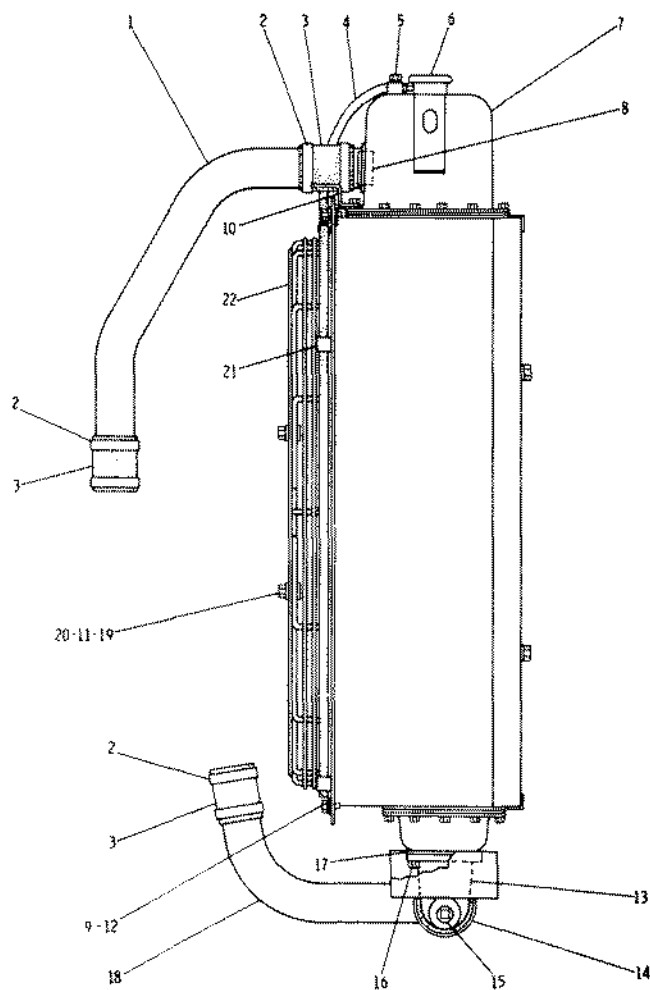
— Check shown on Page 126 and 127 for usage



7N9517 RADIATOR GROUP—Type 1

FOR USE WITH DUCT FLANGE. 4N2592 Radiator parts are shown on Page 98
Refer to Chart shown on Pages 126 and 127 for usage. AN ATTACHMENT

97A CATERPILLAR 3306 INDUSTRIAL ENGINE



■ USE AS REQUIRED

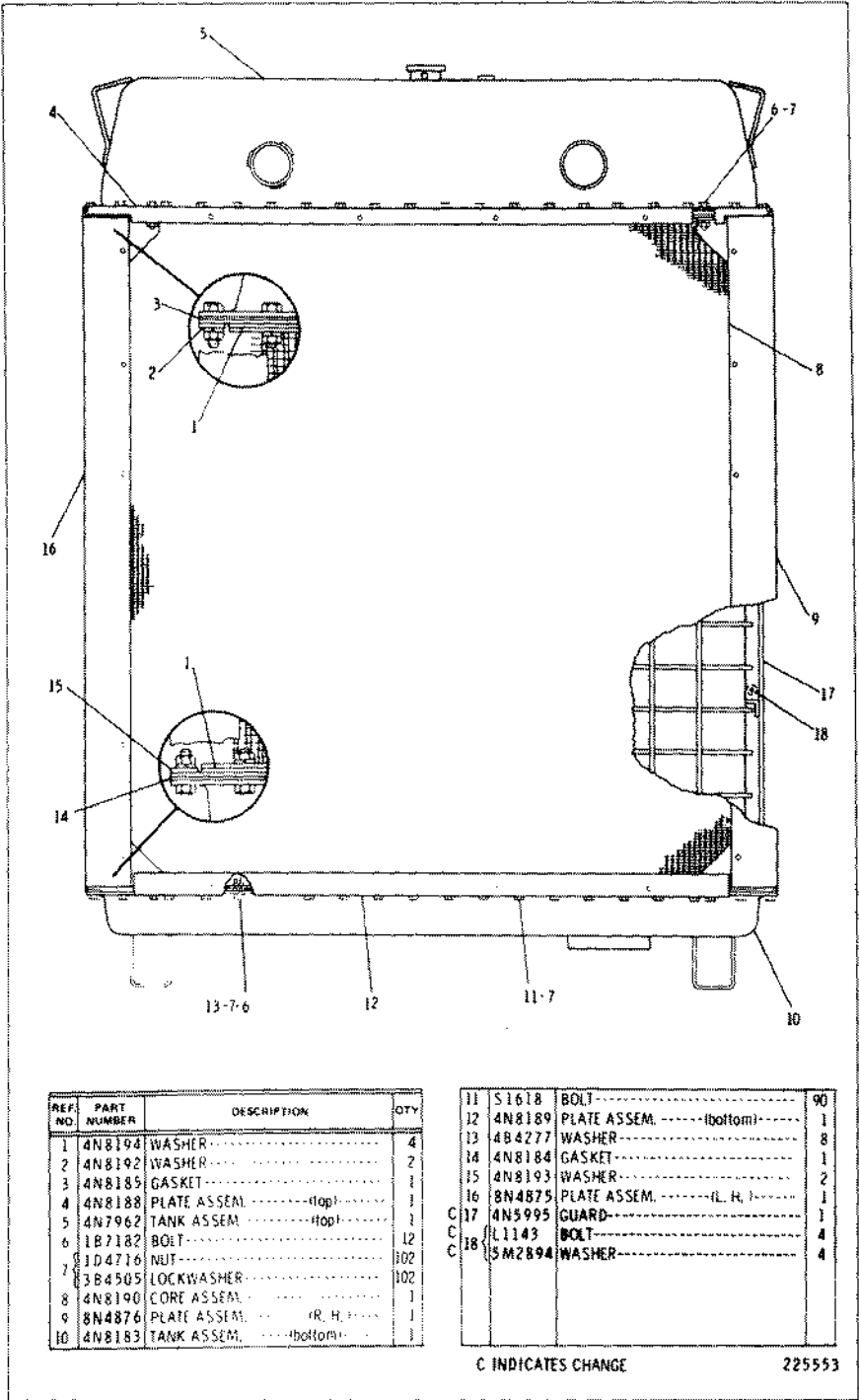
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7N9495	TUBE	1
2	5P4868	CLAMP	6
3	5P1262	HOSE-----26.7 cm(10.50 in.)	1
4	5P5991	HOSE-----1.6 m(63 in.)	1
5	5M6214	PLUG	1
6	6L8617	CAP	1
C 7	8N4874	RADIATOR GROUP----- (Separate Illustration)	1
8	4H9027	PLUG	1
C 9	4B5270	WASHER---22.2 mm(.875 in.) O. D.	20
10	4N3032	BRACKET	2
C 11	5M2894	WASHER	4
12	5L1617	BOLT	20
13	9M1974	WASHER---15.8 mm(.625 in.) O. D.	20

13	4L3864	ELBOW	1
14	5P598	CLAMP	2
15	5P1265	HOSE-----8.9 cm(3.50 in.)	1
16	1B5174	PLUG	1
17	5L594	BOLT	4
18	4L4642	GASKET	1
19	7N9494	TUBE	1
20	1L1351	BOLT	4
21	4L5757	STRAP	3
22	3B8404	CLIP	2
	4N2573	GUARD ASSEM.	2

▲ ORDER BY THE CENTIMETER C INDICATES CHANGE ● ORDER BY THE METER

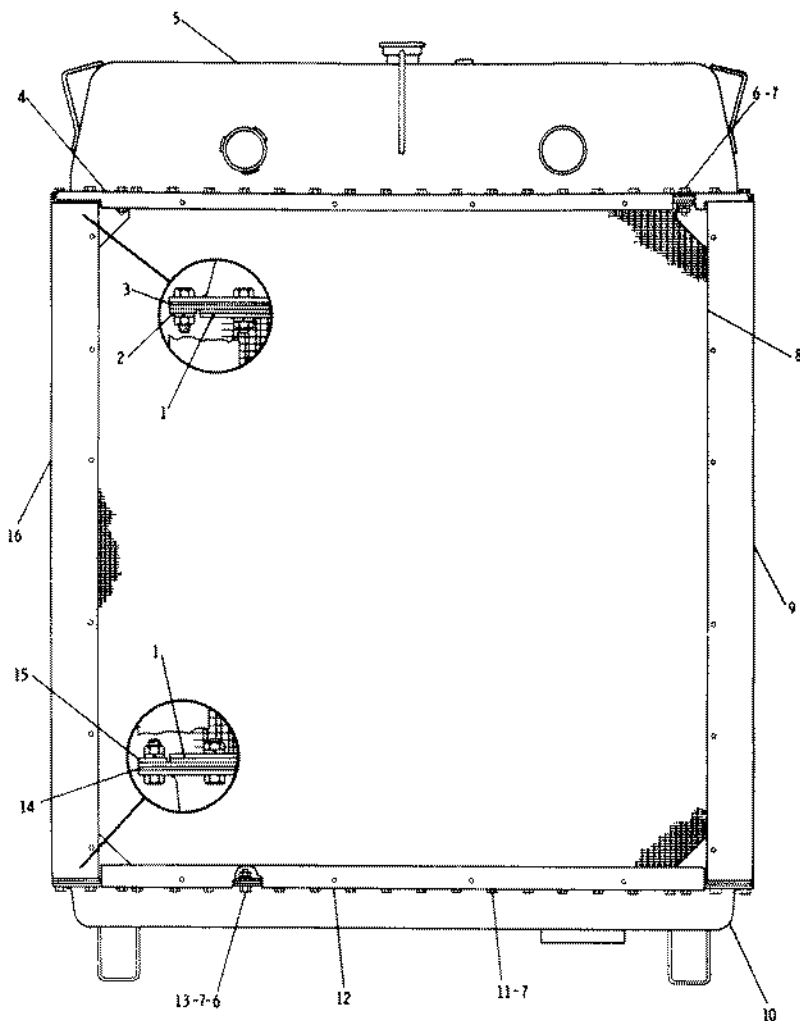
225554

7N9517 RADIATOR GROUP—Type 2
FOR USE WITH DUCT FLANGE. 8N4874 Radiator parts are shown on Page 97B
Refer to Chart shown on Pages 126 & 127 for usage. AN ATTACHMENT



8N4874 RADIATOR GROUP
Part of 7N9517 Radiator Group shown on Page 97A
AN ATTACHMENT

CATERPILLAR 3306 INDUSTRIAL ENGINE

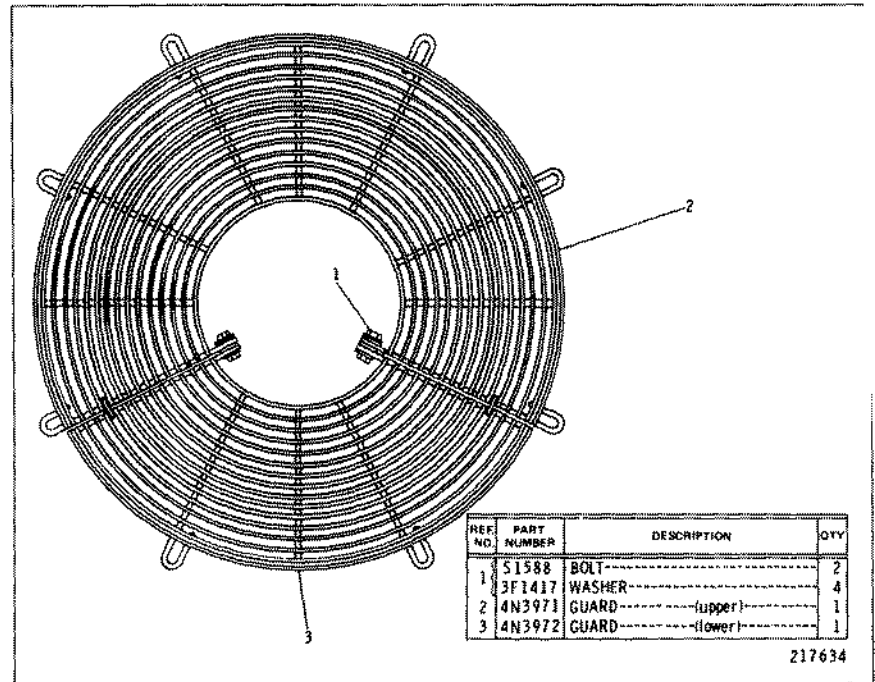


REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	4N8194	WASHER-----	4
2	4N8192	WASHER-----	2
3	4N8185	GASKET-----	1
4	4N8188	PLATE ASSEM. -----(top)-----	1
5	4N7962	TANK ASSEM. -----(top)-----	1
6	1B7182	BOLT-----	12
7	1D4716	NUT-----	102
8	3B4505	LOCKWASHER-----	102
9	4N8190	CORE ASSEM. -----	1
10	4N8187	PLATE ASSEM. -----(R, H, L)-----	1
11	4N8183	TANK ASSEM. -----(bottom)-----	1

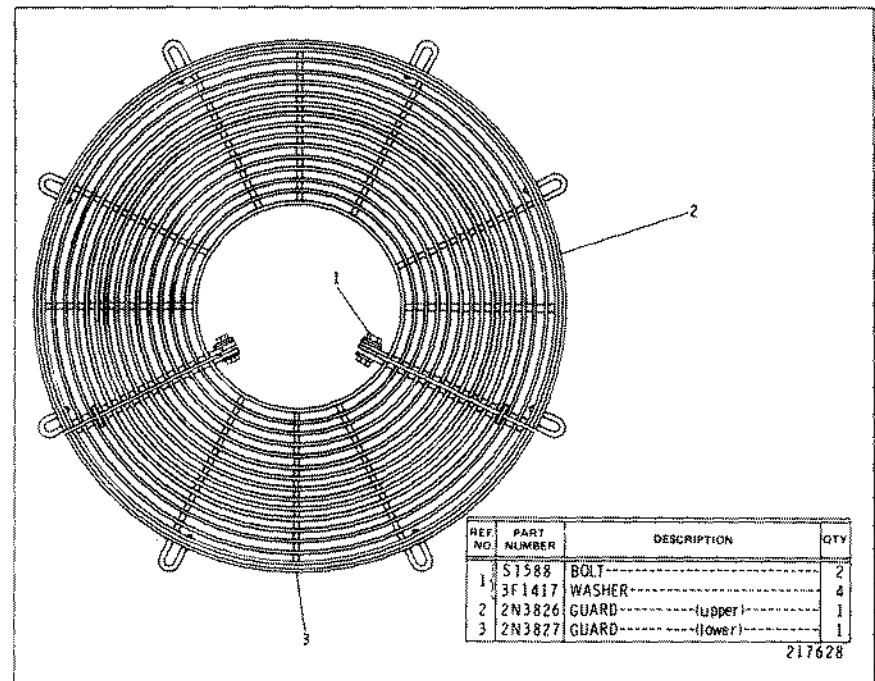
11	51618	BOLT-----	90
12	4N8189	PLATE ASSEM. -----(bottom)-----	1
13	4B4277	WASHER-----	8
14	4N8184	GASKET-----	1
15	4N8193	WASHER-----	2
16	4N8186	PLATE ASSEM. -----(L, H, R)-----	1

C INDICATES CHANGE

205582



7N7077 FAN GUARD GROUP
Part of 3N2789 and 3N7208 Radiator Groups shown on Pages 91 and 92
AN ATTACHMENT



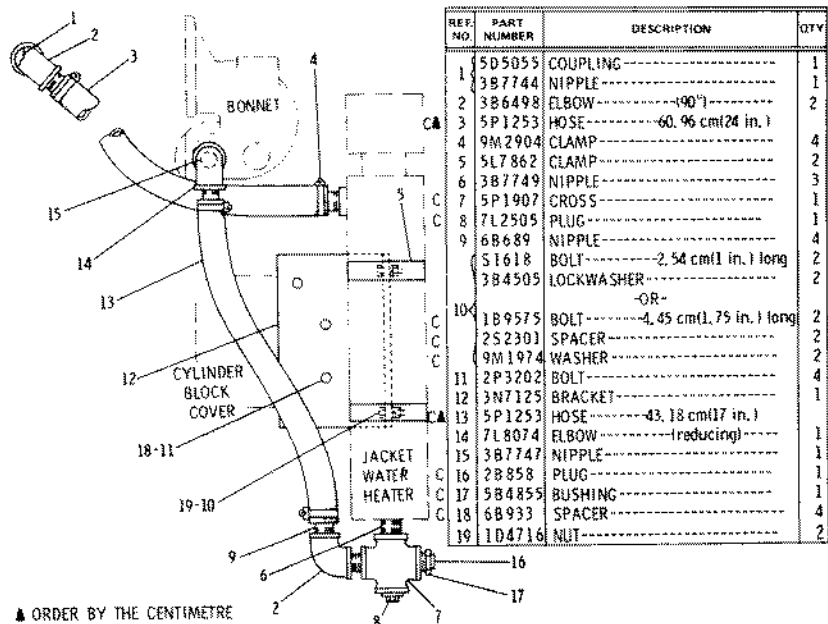
7N8935 FAN GUARD GROUP

CONSISTS OF:

PAGE

- | | | | |
|---|--------|--------------------------------|-----|
| 1 | 3N6728 | MOUNTING GROUP..... | 100 |
| 1 | 5L7806 | HEATER--240 VOLTS, 3 KILOWATTS | |

JACKET WATER HEATER AND MOUNTING
Serial No. 66D26832 to 66D32135 inclusive
AN ATTACHMENT



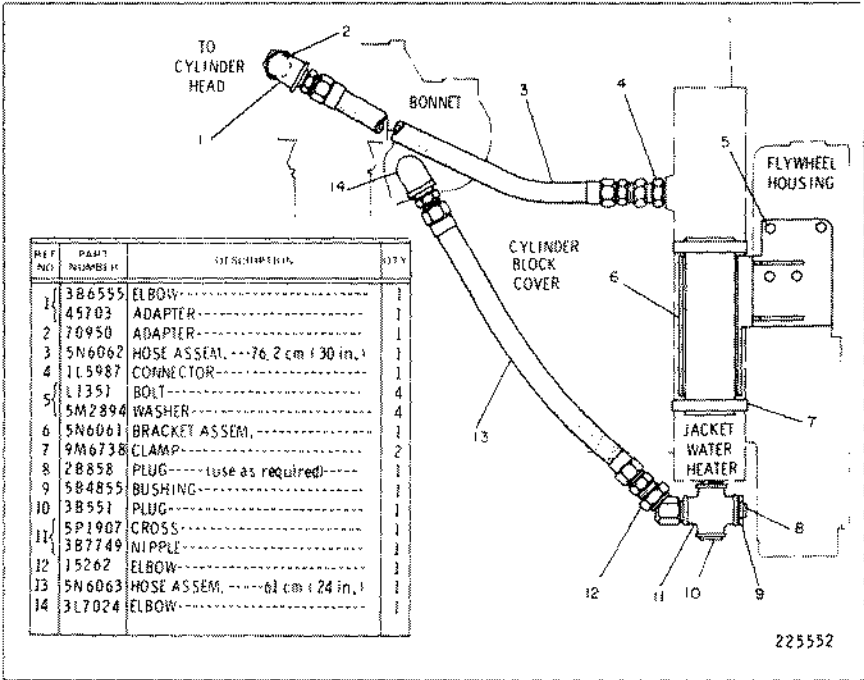
166174

CONSISTS OF:

PAGE

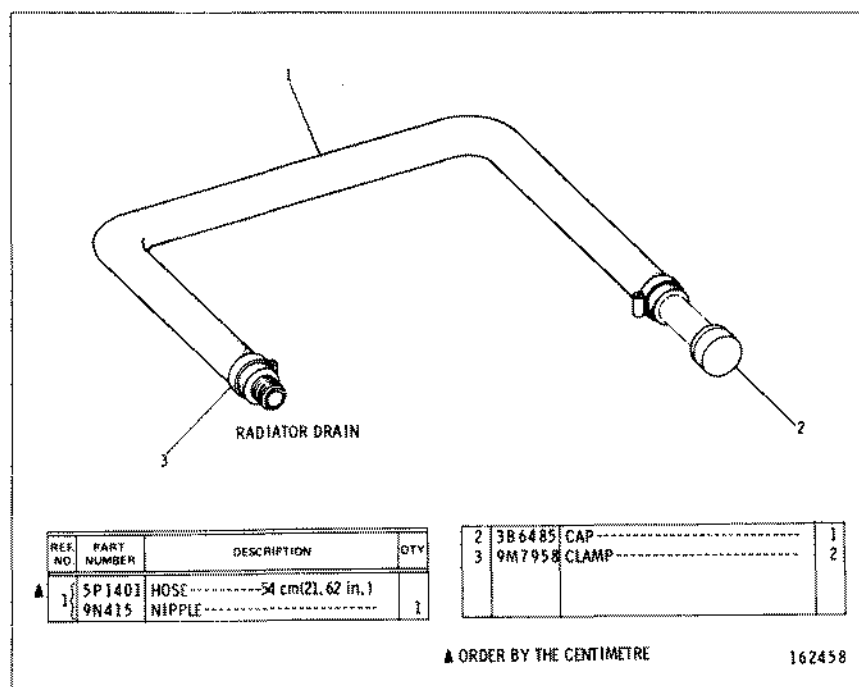
- 1 5N6064 MOUNTING GROUP 100A
- 1 5N5739 HEATER--120 WATTS, 3 KILOWATTS
- 1 5N5740 HEATER--240 WATTS, 3 KILOWATTS

JACKET WATER HEATER AND MOUNTING
Serial No. 66D32136—Up
AN ATTACHMENT

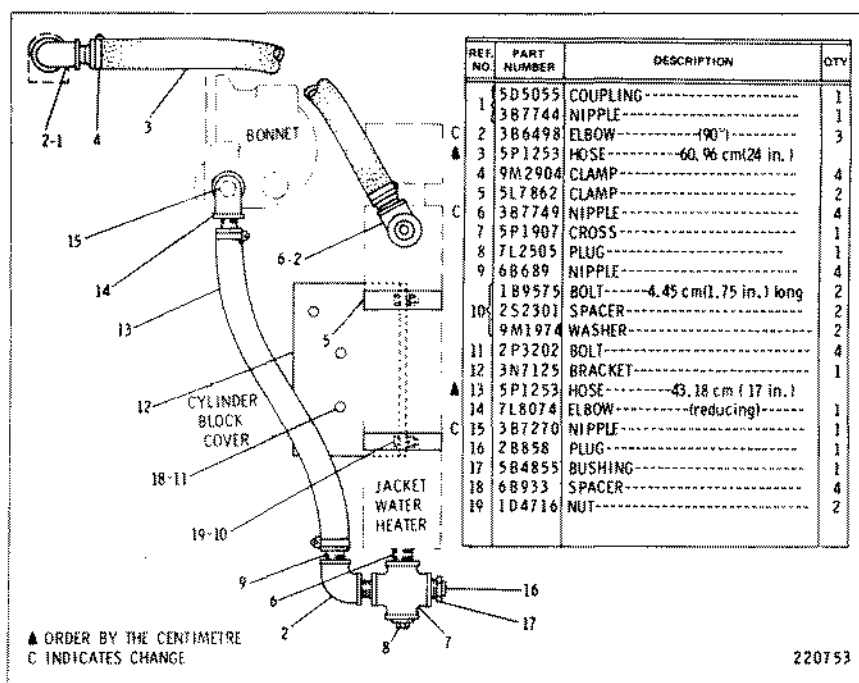


5N6064 JACKET WATER HEATER MOUNTING GROUP

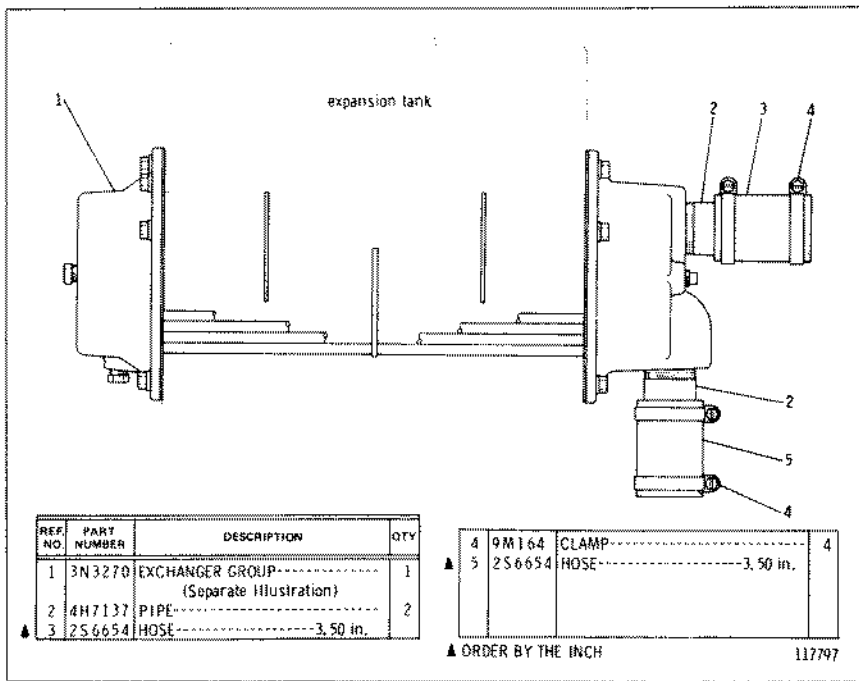
Serial No. 66D32136—Up



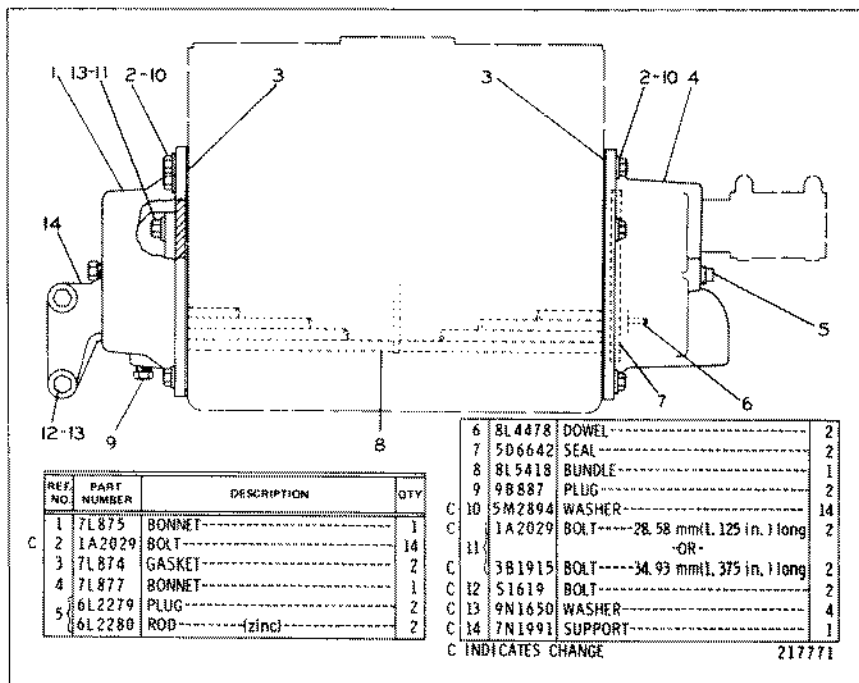
5N3869 COOLANT DRAIN LINES GROUP
For use with 3N6267 Base Group shown on Page 381
AN ATTACHMENT



3N6728 JACKET WATER HEATER MOUNTING GROUP—Type 2
Serial No. 66D26832 to 66D32125 inclusive. Part of Jacket Water Heater and Mounting

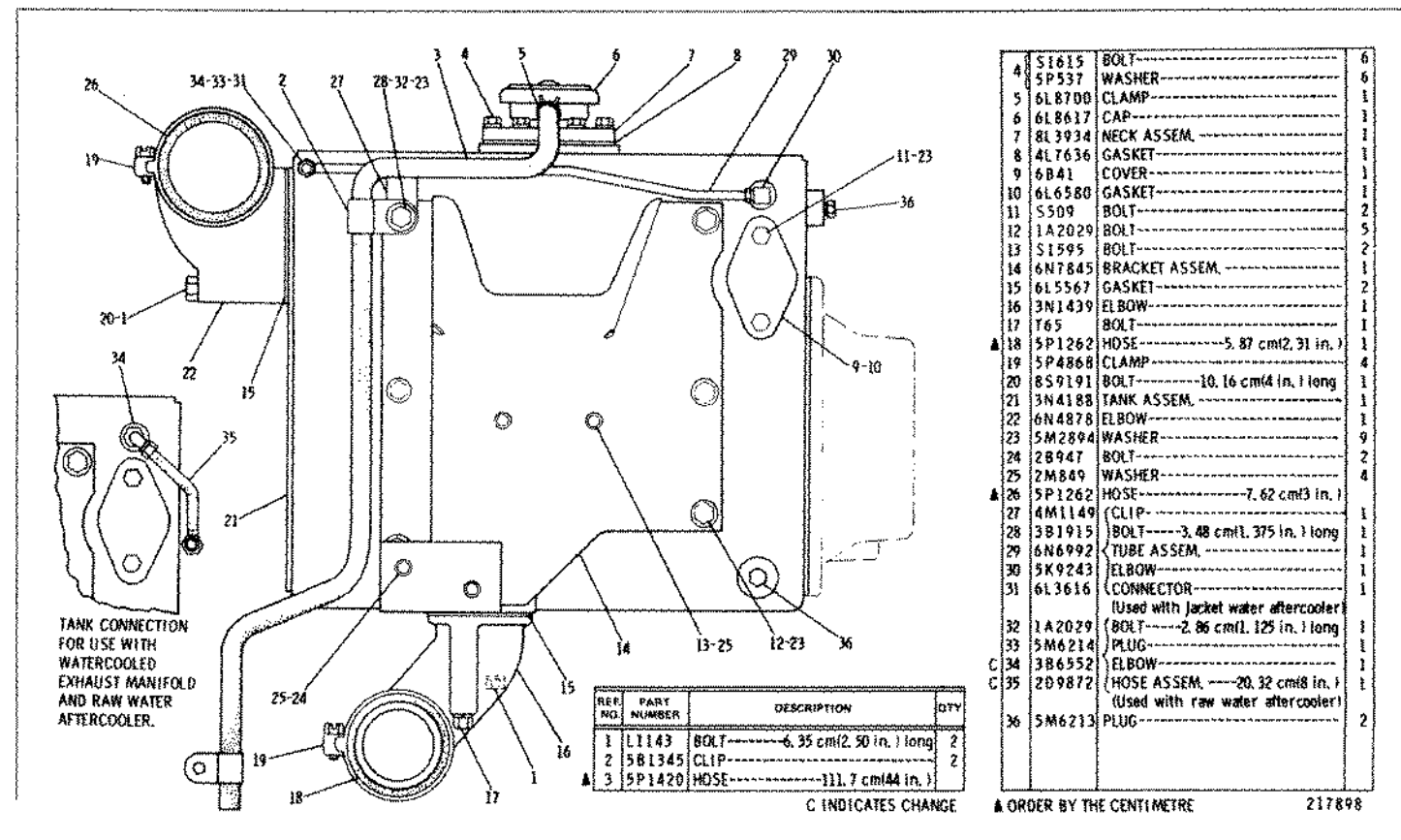


3N4925 HEAT EXCHANGER GROUP
FOR USE WITHOUT AUXILIARY WATER PUMP & AUXILIARY WATER LINES
AN ATTACHMENT

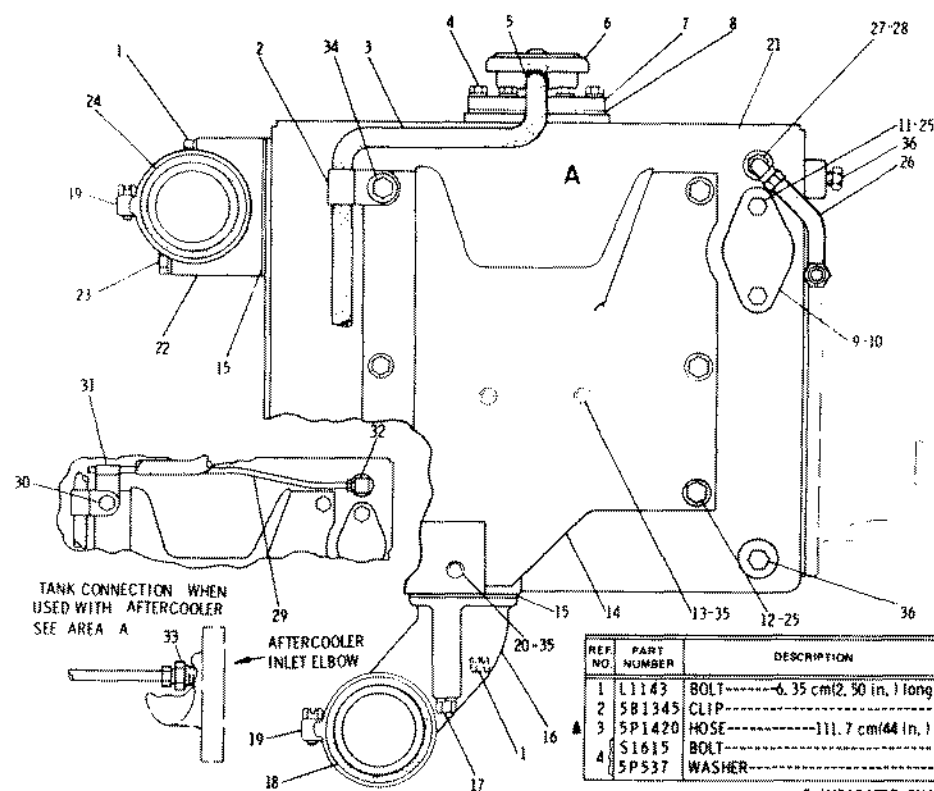


3N3270 HEAT EXCHANGER GROUP
FOR USE WITH EXPANSION TANK AND AUXILIARY WATER LINES

6N6082 EXPANSION TANK GROUP
FOR USE WITH AFTERCOOLER ENGINES WITH WATERCOOLED MANIFOLDS
AN ATTACHMENT



3N3269 EXPANSION TANK GROUP
FOR USE WITH OR WITHOUT HEAT EXCHANGER. FOR USE WITH 3N2850 WATER PUMP &
3N3279 OR 3N4926 HOUSING AND REGULATOR GROUPS SHOWN ON PAGES 111 & 116
AN ATTACHMENT



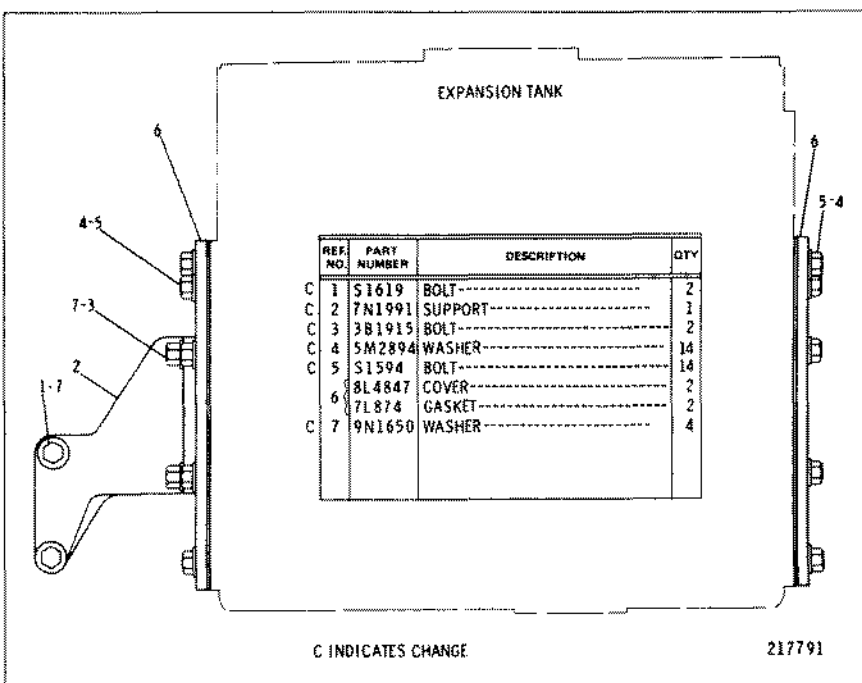
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	L1143	BOLT-----6.35 cm(2.50 in.) long	2
2	5B1345	CLIP-----	2
3	5P1420	HOSE-----111.7 cm(44 in.)	1
4	S1615	BOLT-----	6
5	5P537	WASHER-----	6

C INDICATES CHANGE

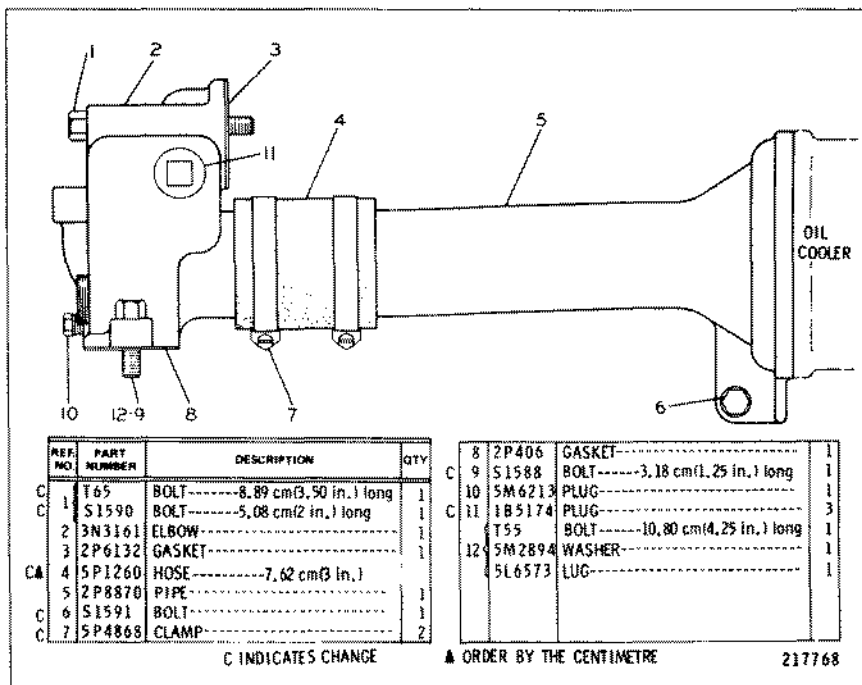
5	6L8700	CLAMP-----	1
6	6L8617	CAP-----	1
7	8L3934	NECK ASSEM-----	1
8	4L7636	GASKET-----	1
9	6B41	COVER-----	1
10	6L6580	GASKET-----	1
11	S509	BOLT-----	2
12	1A2029	BOLT-----2.9 cm(1.125 in.) long	5
13	7B3235	BOLT-----	4
14	6N7845	BRACKET ASSEM-----	1
15	6L5567	GASKET-----	2
16	3N1439	ELBOW-----	1
17	T65	BOLT-----8.89 cm(3.50 in.) long	1
18	5P1262	HOSE-----6.09 cm(2.4 in.)	1
19	9M7959	CLAMP-----	4
20	2B947	BOLT-----	2
21	3N4188	TANK ASSEM-----	1
22	1S4662	ELBOW-----	1
23	S1619	BOLT-----	1
24	5P1262	HOSE-----7.62 cm(3 in.)	1
25	5M2894	WASHER-----	7
26	2D9872	HOSE ASSEM-----20.3 cm(8 in.)	1
27	3B6552	ELBOW-----	1
28	5M6214	(Used with water cooled manifold) PLUG-----	1
29	6N6992	(Used without water cooled manifold) TUBE ASSEM-----	1
30	3B1915	BOLT-----3.5 cm(1.375 in.)	1
31	5M2894	WASHER-----	1
32	4M1149	CLIP-----	1
33	5K9243	ELBOW-----	1
34	6L3616	CONNECTOR-----	1
35	1A2029	(Used with aftercooler) BOLT-----2.9 cm(1.125 in.)	1
36	5M2894	WASHER-----	1
37	2M849	(Used without aftercooler) WASHER-----	6
38	5M6213	PLUG-----	2

▲ ORDER BY THE CENTIMETER

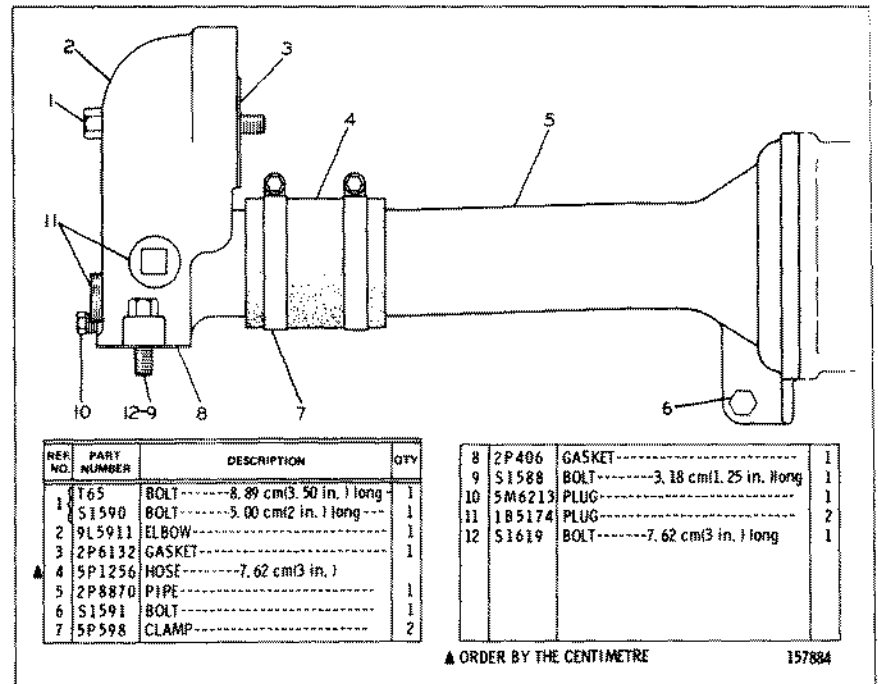
224344



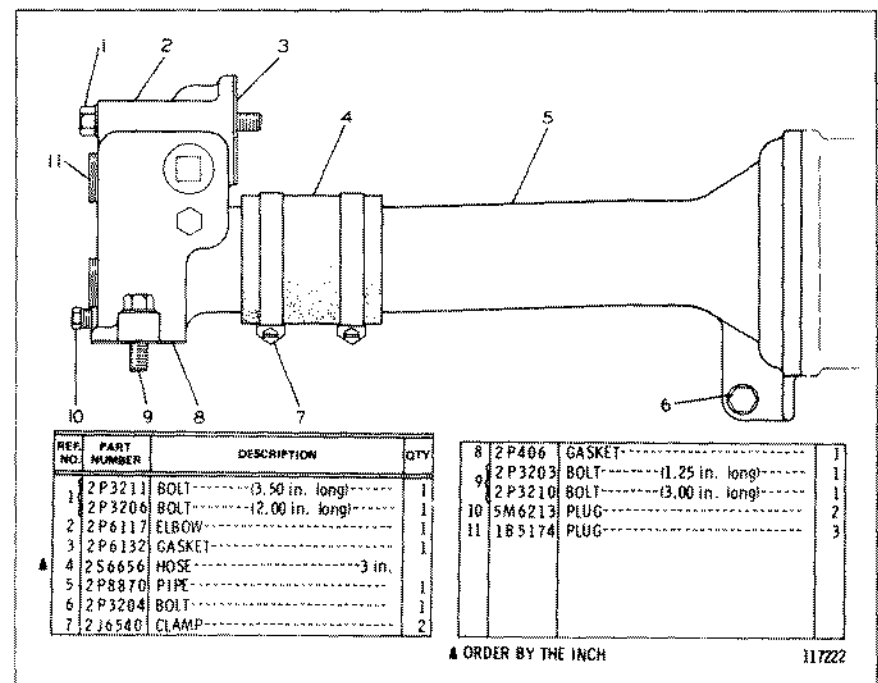
3N4924 EXPANSION TANK COVER GROUP
FOR USE WITH EXPANSION TANK AND WITHOUT HEAT EXCHANGER
Also part of 3N4921 Water Lines Group shown on Page 107
AN ATTACHMENT



3N3914 WATER LINES GROUP—Marine Auxiliary Turbocharged Engine

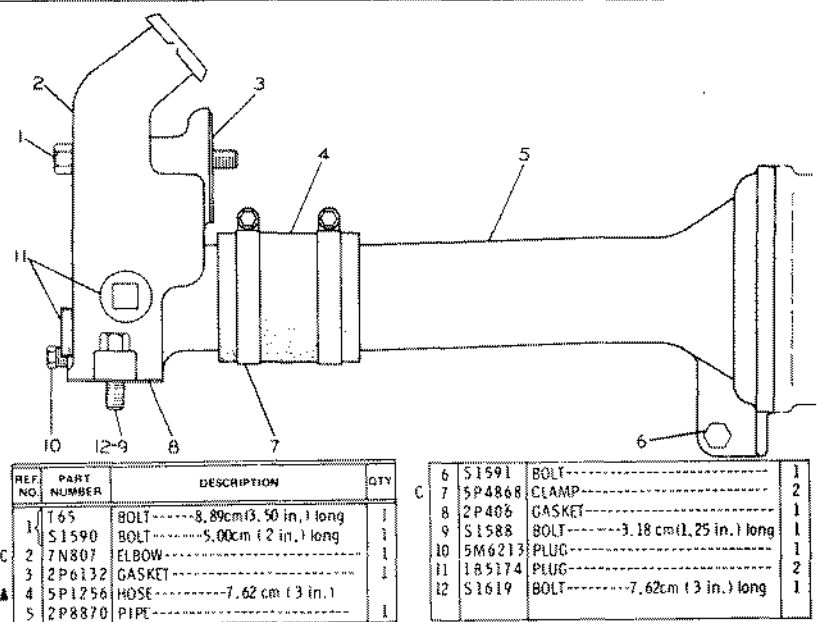


9N1246 WATER LINES GROUP—Turbocharged—Aftercooled Engine



2P7730 WATER LINES GROUP—Turbocharged Engines

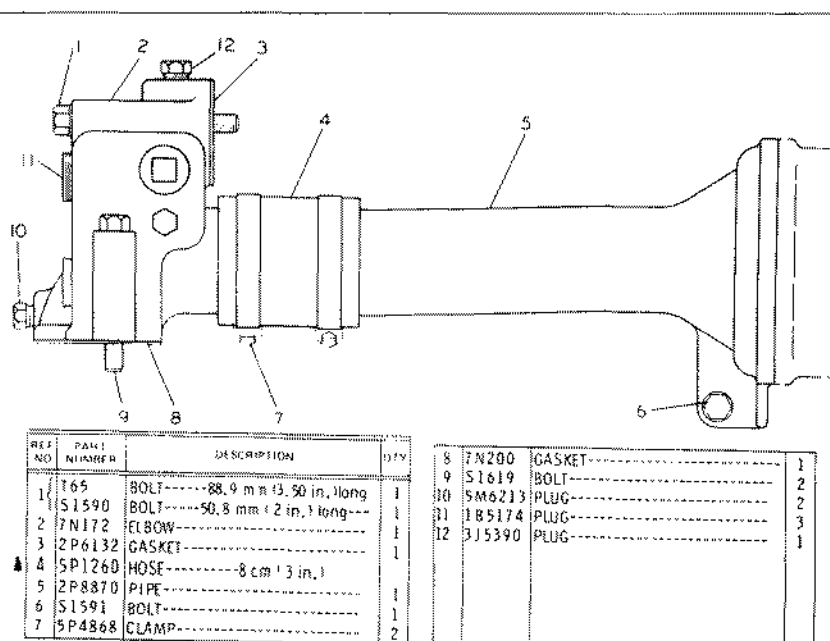
CATERPILLAR 3306 INDUSTRIAL ENGINE



▲ ORDER BY THE CENTIMETRE

169995

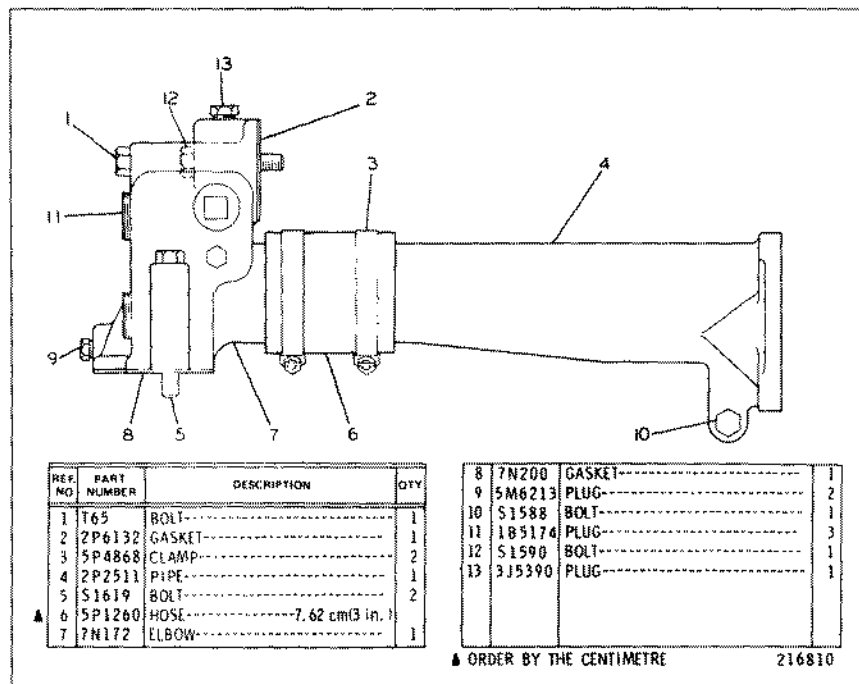
9N1246 WATER LINES GROUP—Turbocharged Aftercooled Engine—Type 2



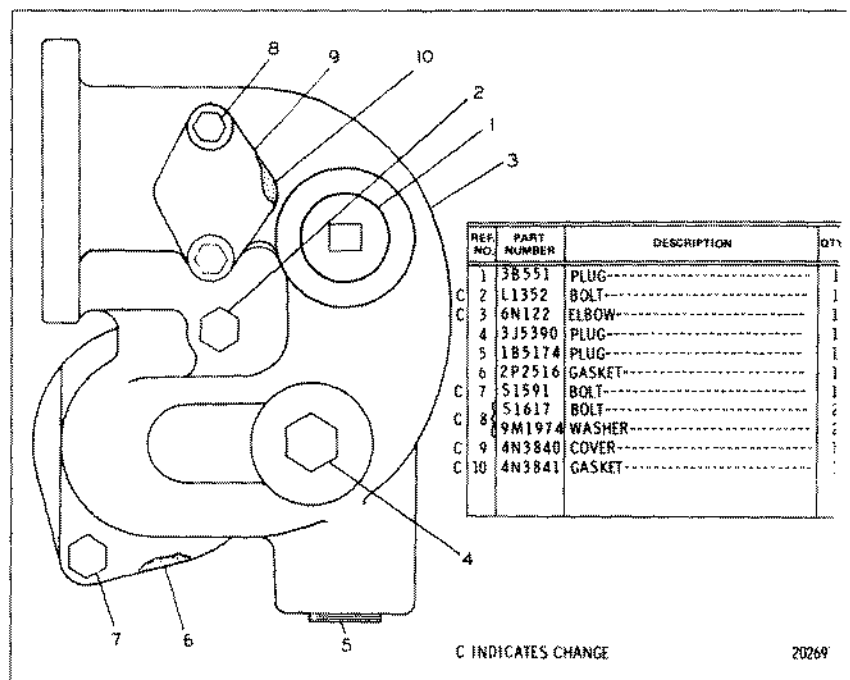
▲ ORDER BY THE CENTIMETER

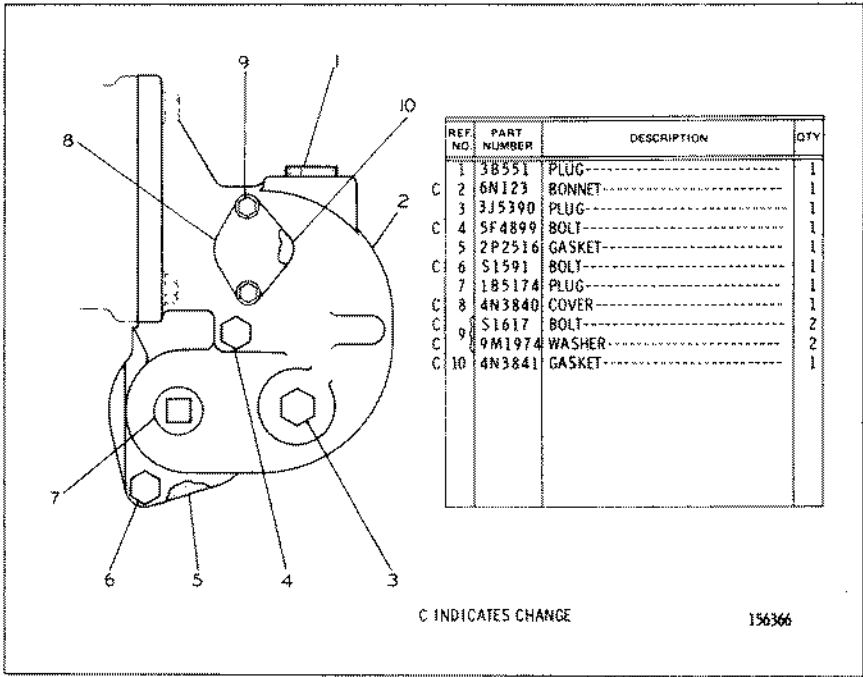
222437

7N9905 WATER LINES GROUP

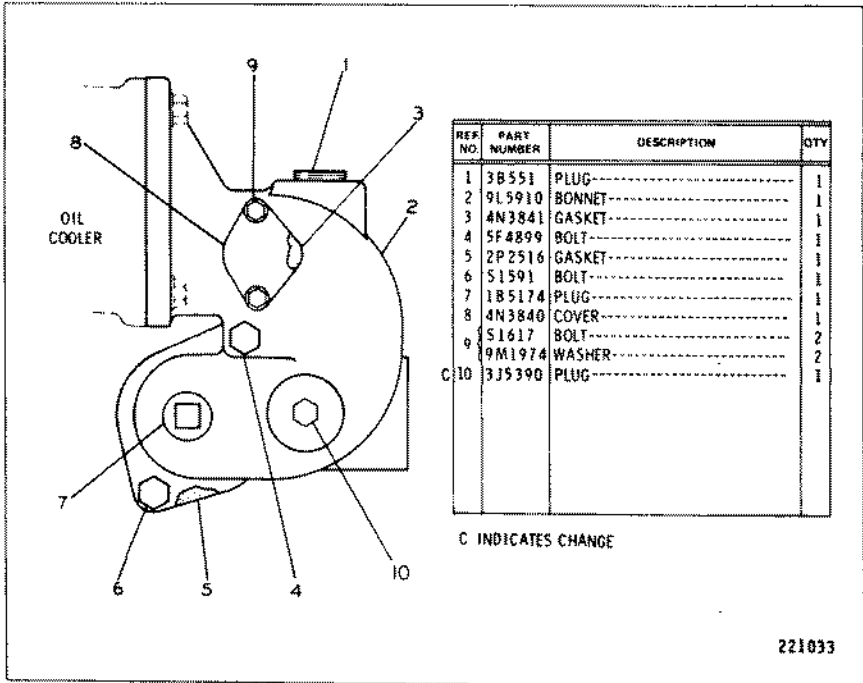


7N7211 WATER LINES GROUP

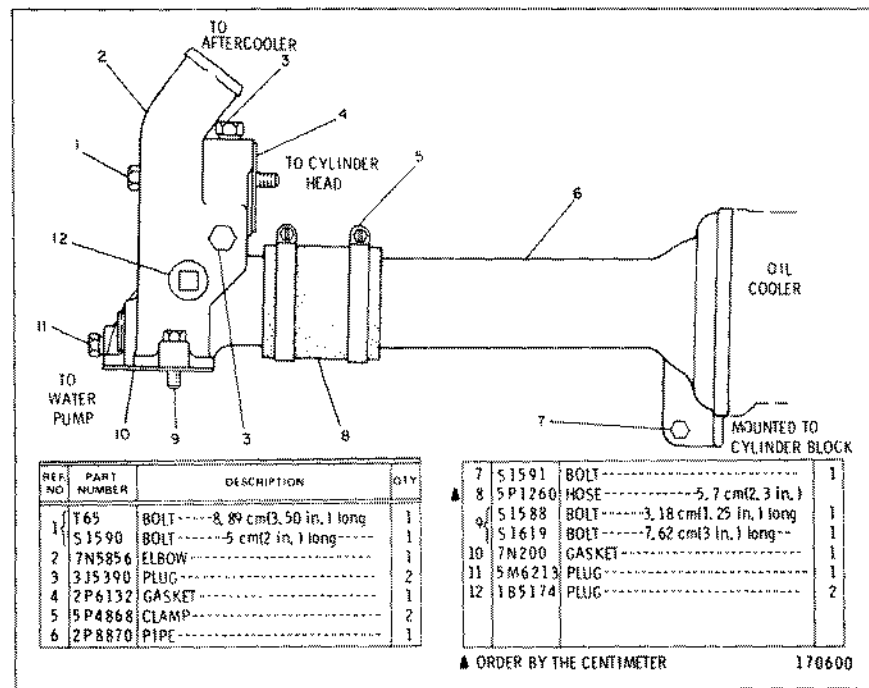




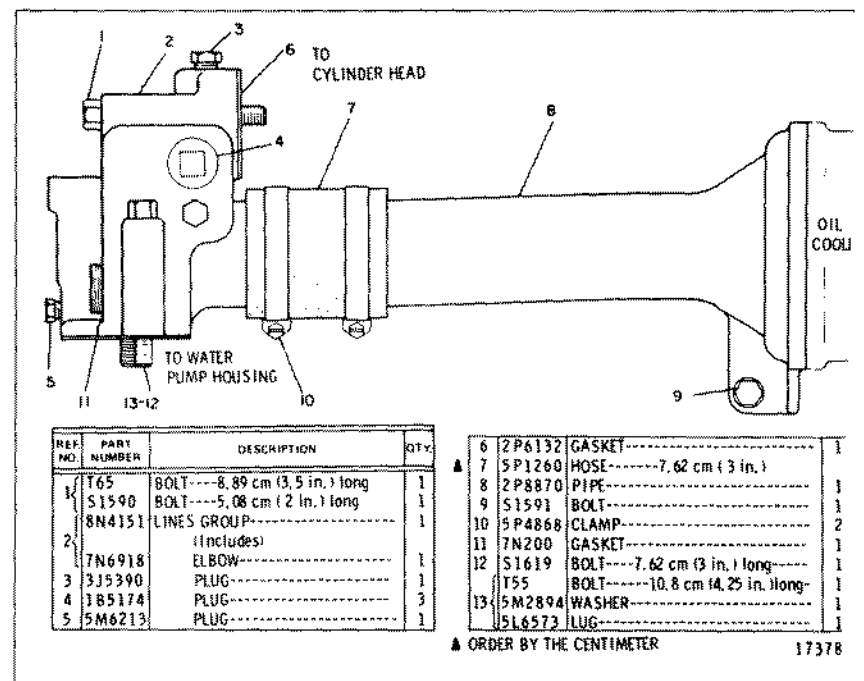
2P7728 WATER LINES GROUP—Elbow



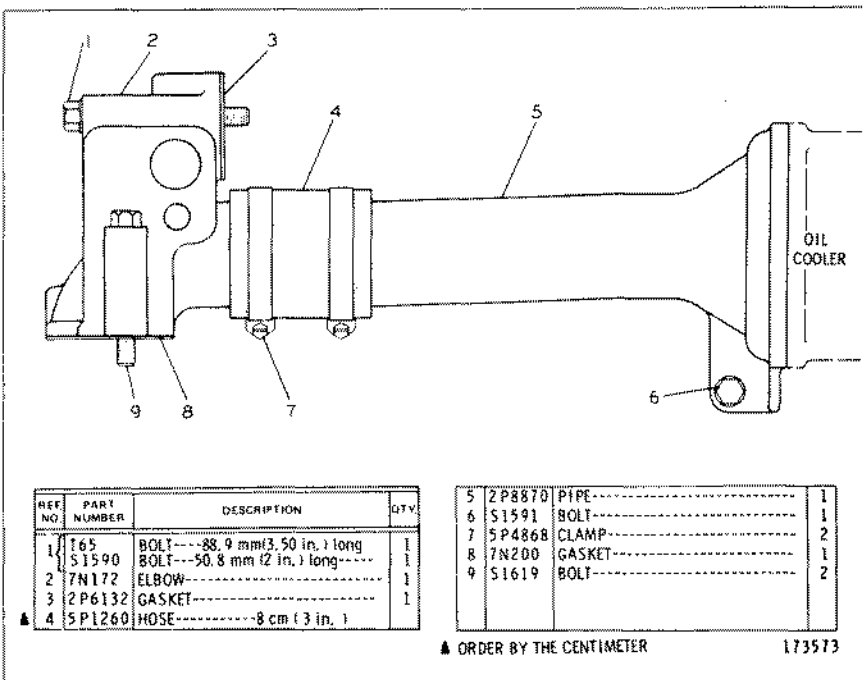
9N1245 WATER LINES GROUP—Elbow



7N6587 WATER LINES GROUP

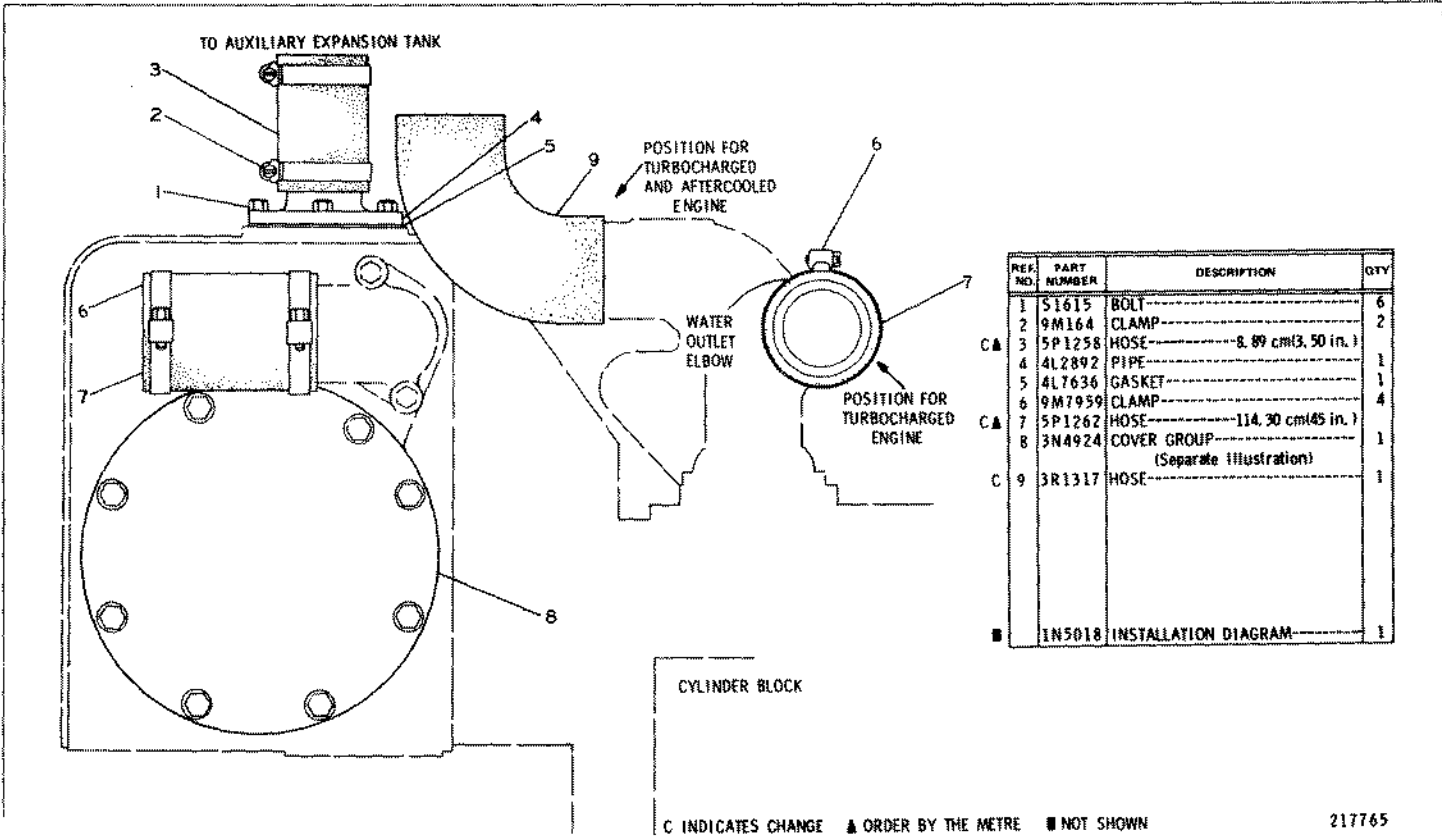


CATERPILLAR 3306 INDUSTRIAL ENGINE

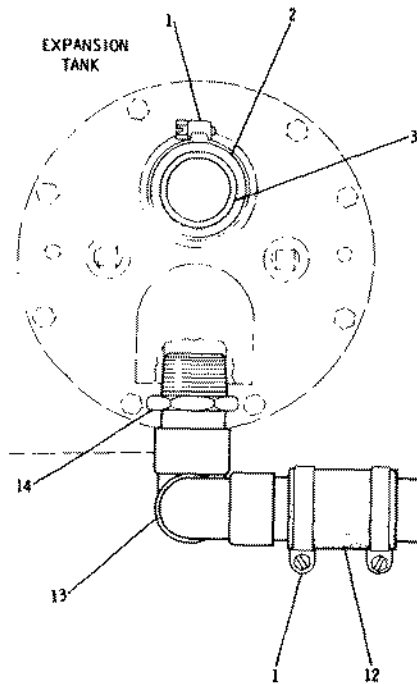


8N4527 WATER LINES GROUP

3N4921 WATER LINES GROUP—Keel Cooling
FOR USE WITH MARINE AUXILIARY ENGINE
3N4924 Cover parts are shown on Page 104
AN ATTACHMENT

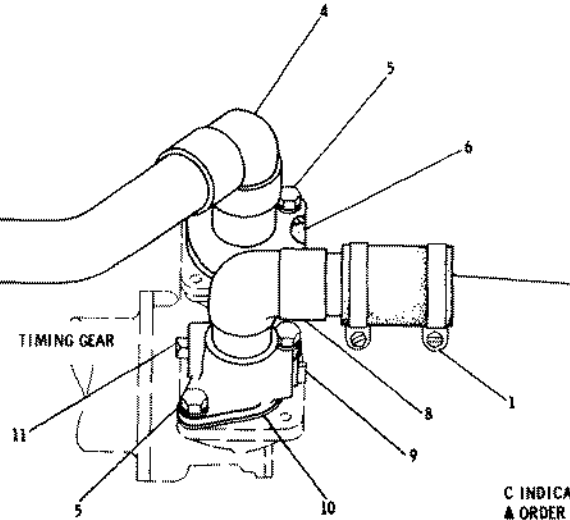


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	51615	BOLT	6
2	9M164	CLAMP	2
3	5P1258	HOSE—8.89 cm(3.50 in.)	1
4	4L2892	PIPE	1
5	4L7636	GASKET	1
6	9M7959	CLAMP	4
7	5P1262	HOSE—114.30 cm(45 in.)	1
8	3N4924	COVER GROUP—(Separate illustration)	1
9	3R1317	HOSE	1
■	1N5018	INSTALLATION DIAGRAM	1



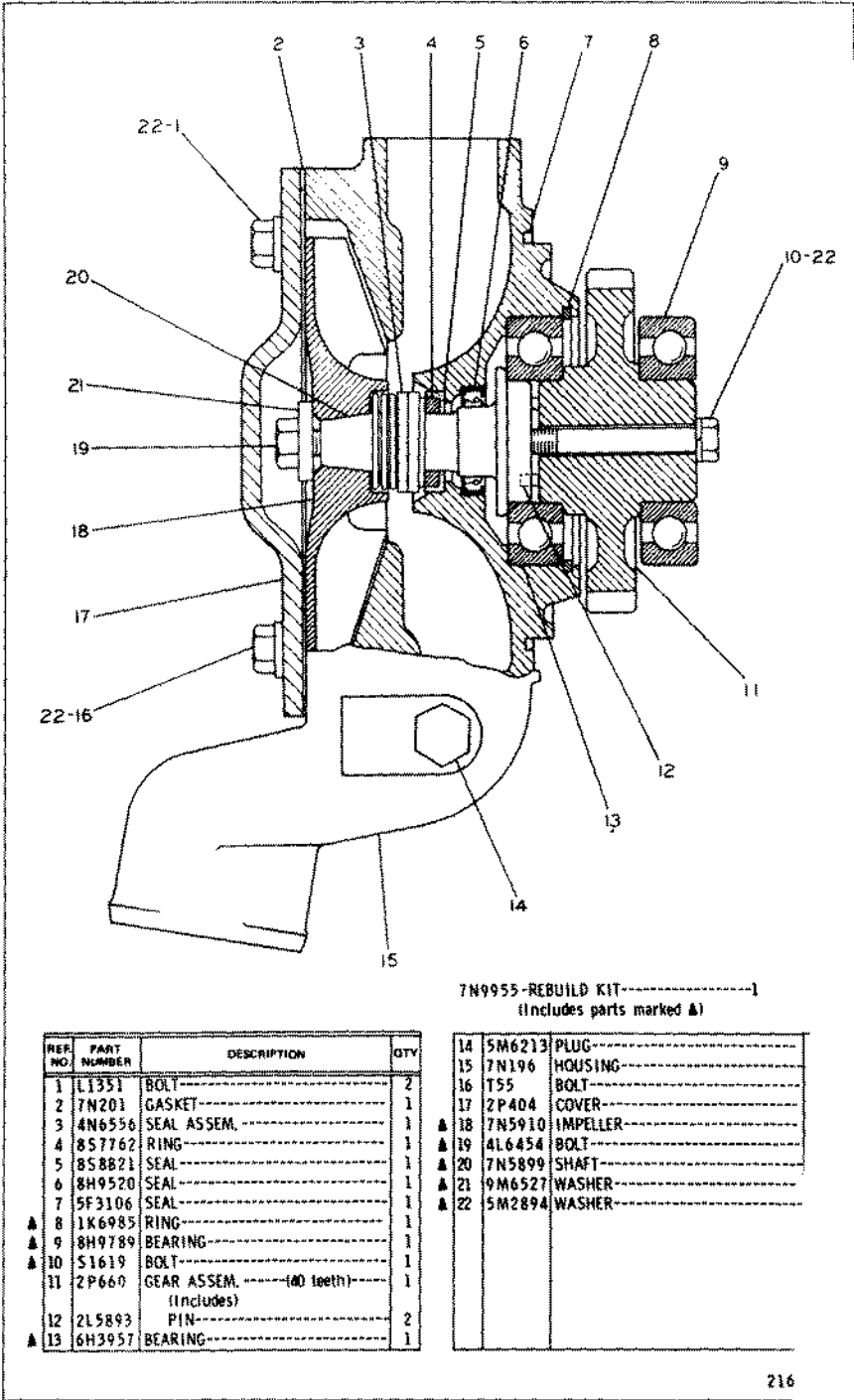
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9M164	CLAMP	6
2	2P1258	HOSE-----8.89 cm(3.5 in.)	1
3	4H7137	PIPE	1
4	3N3462	TUBE ASSEM.	1
5	3H5841	BOLT	5
6	5M2894	WASHER	5
7	2N5291	GASKET	1
8	5P1256	HOSE-----7.62 cm(3 in.)	1
9	7L218	TUBE ASSEM.	1

9	5L7685	ROD ASSEM.	1
10	6L2279	PLUG	1
11	6L5827	GASKET	1
12	8B8817	PLUG	2
13	5P1256	HOSE-----7.62 cm(3 in.)	1
14	7L217	TUBE ASSEM.	1
	5L2994	ADAPTER	1

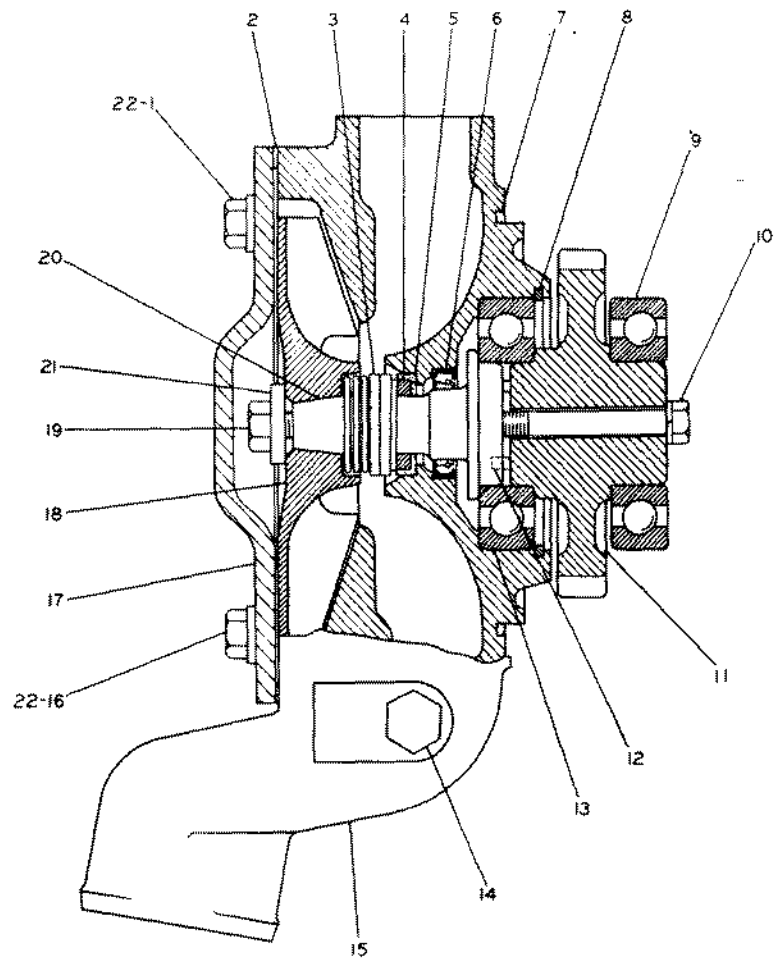


C INDICATES CHANGE
 ▲ ORDER BY THE CENTIMETRE 203037

3N4920 AUXILIARY LINES GROUP—Sea Water
 FOR USE WITH HEAT EXCHANGER AND SEA WATER PUMP
 AN ATTACHMENT



7N5909 WATER PUMP GROUP



7N4836-REBUILD KIT ----- 1C
(Includes Parts Marked ▲)

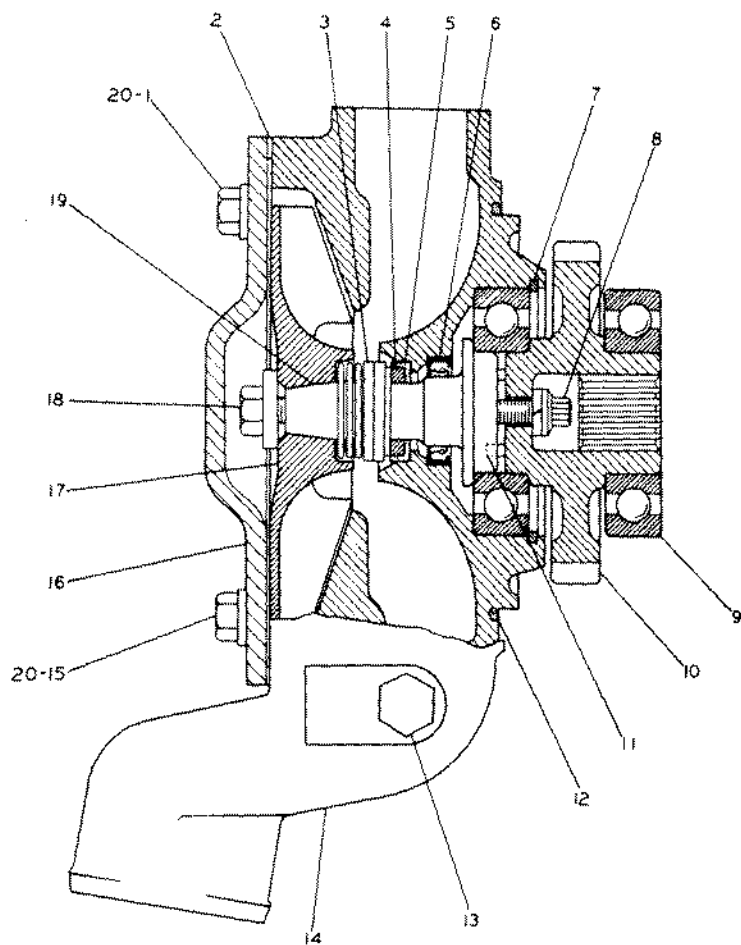
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	11351	BOLT	2
C 2	6N8190	GASKET	1
C 3	4N6556	SEAL ASSEM.	1
4	8S7762	RING	1
5	8S8821	SEAL	1
6	8H9520	SEAL	1
7	5F3106	SEAL	1
▲ 8	1K6985	RETAINER	1
▲ 9	8H9789	BEARING	1
▲ 10	51619	BOLT	1
▲ 11	3B4506	LOCKWASHER	1
12	2P660	GEAR ASSEM. (140 teeth)	1
	215893	PIN	2
▲ 13	6H3957	BEARING	1
▲ 14	5M6213	PLUG	1
C 15	6N8413	HOUSING	1
C 16	8S9191	BOLT	2
17	2P404	COVER	1
▲ 18	6N8411	IMPELLER	1
▲ 19	4L6454	BOLT	1
▲ 20	1P9929	SHAFT	1
▲ 21	9M6527	WASHER	1
C 22	5M2894	WASHER	4

C INDICATES CHANGE

213909

2P662 WATER PUMP GROUP

10 CATERPILLAR 3306 INDUSTRIAL ENGINE



C7M4663-REBUILD KIT-----1
(Consists of parts marked ▲)

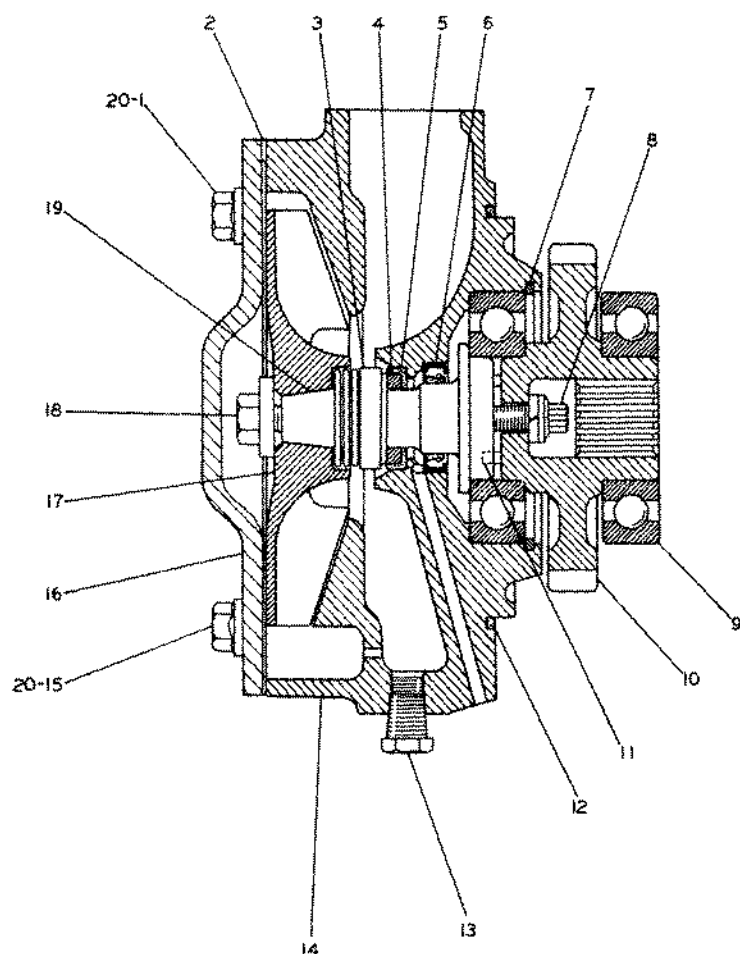
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	L1351	BOLT-----	2
2	6N8190	GASKET-----	1
3	4N6556	SEAL ASSEM.-----	1
4	8S7762	RING-----	1
5	8S8821	SEAL-----	1
6	8H9520	SEAL-----	1
7	1K6985	RING-----	1
8	5P76	BOLT-----	1
9	384506	LOCKWASHER-----	1
10	6H3957	BEARING-----	2
11	2P659	GEAR ASSEM. ---40 teeth	1
	2L5893	PIN-----	2

12	SF3106	SEAL-----	1
▲ 13	5M6213	PLUG-----	1
C 14	6N8413	HOUSING-----	1
15	8S9191	BOLT-----	2
16	2P404	COVER-----	1
▲ C 17	6N8411	IMPELLER-----	1
▲ 18	4L6454	BOLT-----	1
▲ 19	9M6527	WASHER-----	1
▲ 19	1P9929	SHAFT-----	1
C 20	5M2894	WASHER-----	4

C INDICATES CHANGE

165250

2P661 WATER PUMP GROUP—With Spline Drive and Bottom Inlet—David Brown
Also available as an Attachment at Serial No. 66D26832 to 66D34110 inclusive



7N4663-REBUILD KIT-----1 C
(Includes parts marked ▲)

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	13351	BOLT-----	2
2	6N8190	GASKET-----	1
3	4N6556	SEAL ASSEM.-----	1
4	8S7762	RING-----	1
5	8S8821	SEAL-----	1
6	8H9520	SEAL-----	1
7	1K6985	RETAINER-----	1
▲ 8	5P76	BOLT-----	1
▲ 9	3B4506	LOCKWASHER-----	1
▲ 10	6H3957	BEARING-----	2
11	2P659	GEAR ASSEM. ----(40 teeth)-----	1
12	2L5893	PIN-----	2

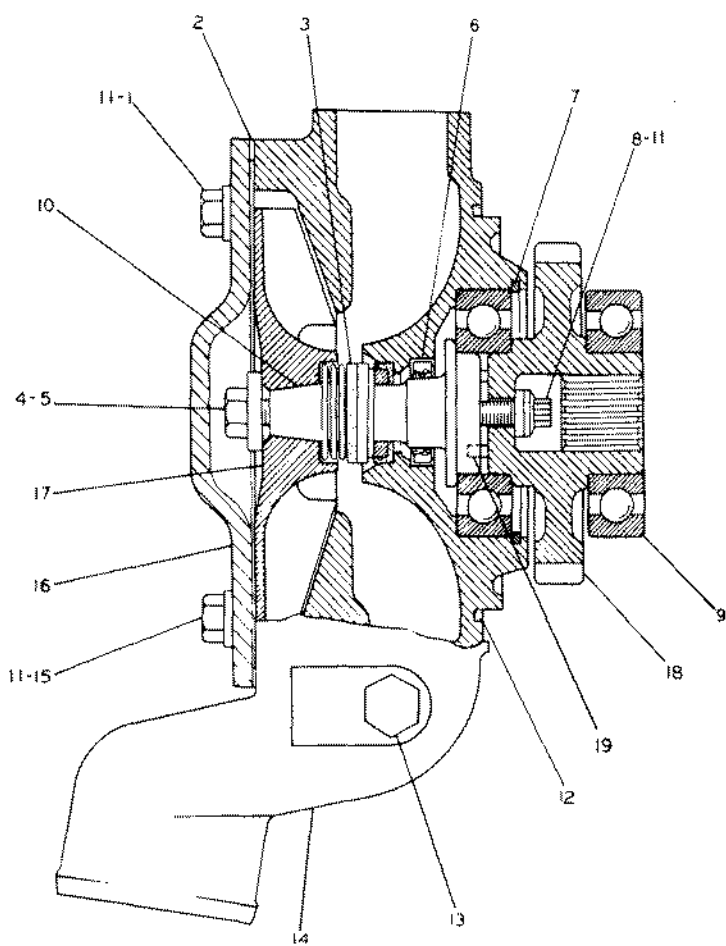
12	5F3106	SEAL-----	1
▲ 13	5M6213	PLUG-----	1
C 14	6N8412	HOUSING-----	1
15	8S9191	BOLT-----	2
16	2P404	COVER-----	1
C 17	6N8411	IMPELLER-----	1
▲ 18	4L6454	BOLT-----	1
▲ 19	9M6527	WASHER-----	1
▲ 20	1P9929	SHAFT-----	1
	5M2894	WASHER-----	4

C INDICATES CHANGE

217623

3N2850 WATER PUMP GROUP—With Spline Drive and Side Inlet
Marine Auxiliary

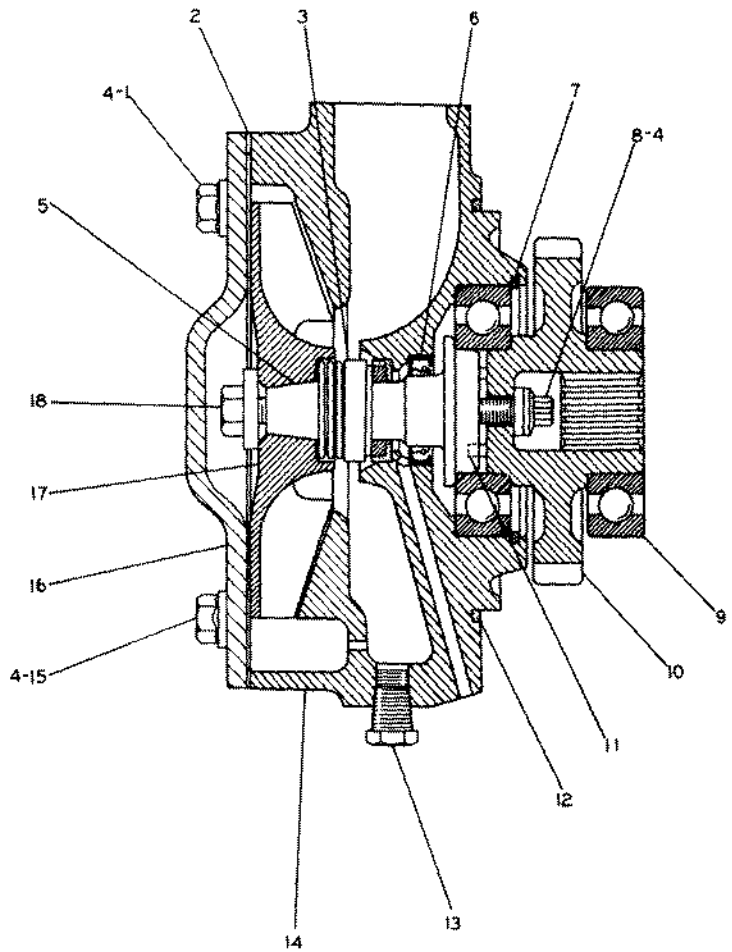
Also available as an Attachment for Marine Versions at Serial No. 66D26832 to
66D32809 inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	L1351	BOLT-----	2
2	8N5928	GASKET-----	1
3	6N9312	SEAL GROUP-----	1
4	4L6454	BOLT-----	1
5	9M6527	WASHER-----	1
6	8H9520	SEAL-----	1
7	1K6985	RING-----	1
8	5P76	BOLT-----	1
9	6H3957	BEARING-----	2
10	6H5899	SHAFT-----	1
11	5M2894	WASHER-----	5
12	5F3106	SEAL-----	1

13	5M6213	PLUG-----	1
14	7N196	HOUSING-----	1
15	T55	BOLT-----	2
16	8N5929	COVER-----	1
17	7N5910	IMPELLER-----	1
18	2P659	GEAR ASSEM. --- (90 teeth) --- (Includes) PIN-----	2
19	2L5893		

174101



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	L1351	BOLT-----	2
2	8N5928	GASKET-----	1
3	6N9312	SEAL GROUP-----	1
4	5M2894	WASHER-----	5
5	7N5899	SHAFT-----	1
6	8H9520	SEAL-----	1
7	1K6985	RING-----	1
8	5P76	BOLT-----	1
9	6H3957	BEARING-----	2
10	7N5189	GEAR ASSEM. --- (40 teeth) ---	1
11	2L5893	PIN-----	2

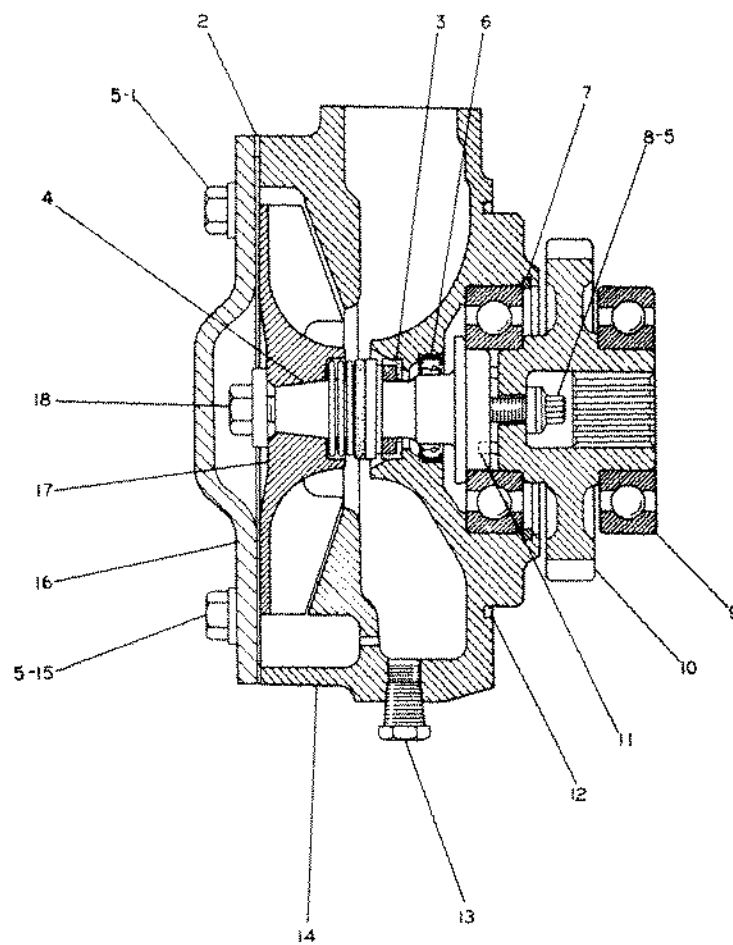
7N9954 -REBUILD KIT-----1
(Includes parts marked A)

12	5F3106	SEAL-----	1
13	5M6213	PLUG-----	1
14	7N6366	HOUSING-----	1
15	T55	BOLT-----	2
16	8N5929	COVER-----	1
A 17	7N5910	IMPELLER-----	1
A 18	4L6454	BOLT-----	1
A 18	9M6527	WASHER-----	1

226003

8N9030 WATER PUMP GROUP
Serial No. 66D32810—Up
AN ATTACHMENT

WATER PUMP GROUP

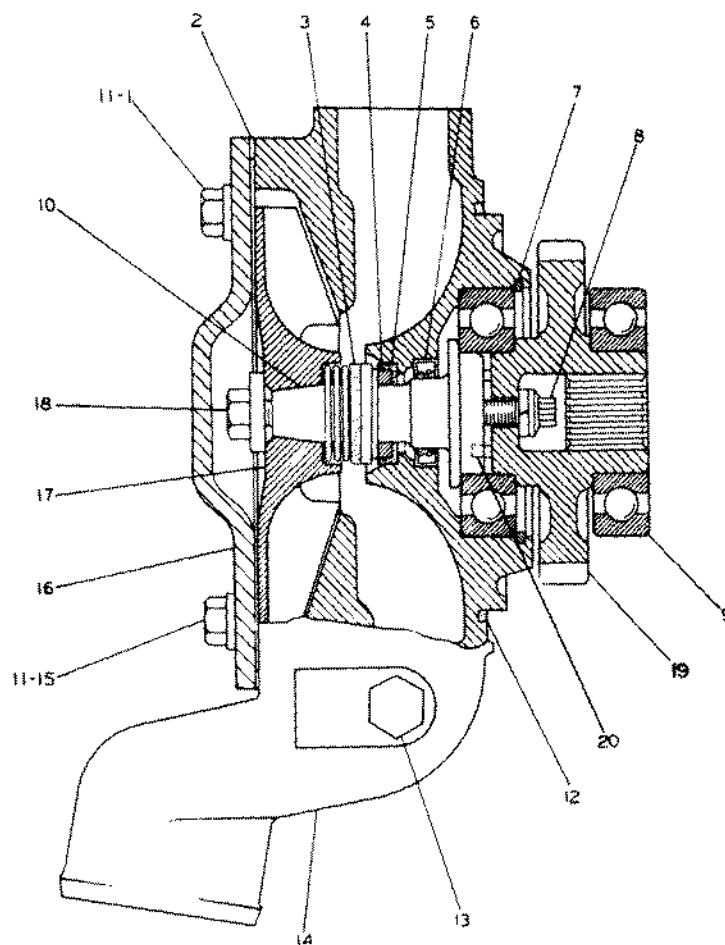


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	11351	BOLT-----	2
2	8N5828	GASKET-----	1
3	6N9312	SEAL GROUP-----	1
4	7N5899	SHAFT-----	1
5	5M2894	WASHER-----	5
6	8H9520	SEAL-----	1
7	1K6985	RING-----	1
8	5P76	BOLT-----	1
9	6H3957	BEARING-----	2
10	2P659	GEAR ASSEM. (40 teeth)-----	1
11	215893	PIN-----	2
12	5F3106	SEAL-----	1
13	5M6213	PLUG-----	1

14	7N6366	HOUSING-----	1
15	T55	BOLT-----	2
16	8N5929	COVER-----	1
17	7N5910	IMPELLER-----	1
18	4L6454	BOLT-----	1
	9M6527	WASHER-----	1
THE FOLLOWING REPAIR KIT IS AVAILABLE.			
	7N9954	KIT (rebuild)-----	1
(Includes parts marked ▲)			

174361

7N6208 WATER PUMP GROUP



C 7N9954-REBUILD KIT-----1
(Consists of Parts Marked A)

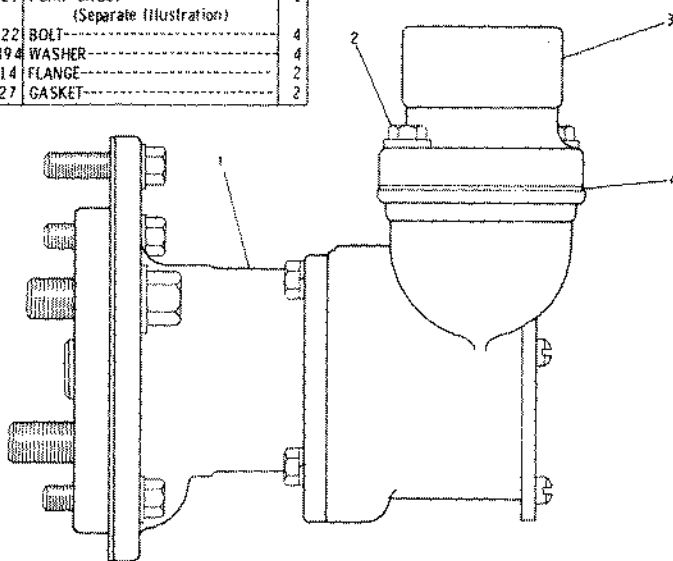
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	L1351	BOLT	2
2	7N201	GASKET	1
3	6N9312	SEAL ASSEM.	1
4	8S7762	RING	1
5	8S8821	SEAL	1
6	8H9520	SEAL	1
A 7	1K6985	RING	1
8	5P76	BOLT	1
CA 8	5M2894	WASHER	1
9	6H3957	BEARING	2
CA 10	7N5899	SHAFT	1
11	5M2894	WASHER	4
A 12	5F3106	SEAL	1
CA 13	5M6213	PLUG	1
C 14	7N196	HOUSING	1
C 15	T55	BOLT	1
16	2P404	COVER	1
CA 17	7N5910	IMPELLER	1
A 18	4L6454	BOLT	1
19	4M64527	WASHER	1
19	2P659	GEAR ASSEM. (40 teeth)	1
		(Includes)	
20	2L5893	PIN	1

C INDICATES CHANGE

170

7N5908 WATER PUMP GROUP

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N3229	PUMP GROUP— (Separate Illustration)	1
2	3H6622	BOLT	4
3	5M2894	WASHER	4
4	2L9714	FLANGE	2
4	6L5827	GASKET	2



117790

3N4927 AUXILIARY PUMP GROUP—Sea Water
AN ATTACHMENT

TIMING GEAR
COVER

4

jacket
water
pump
gear

3

2

1

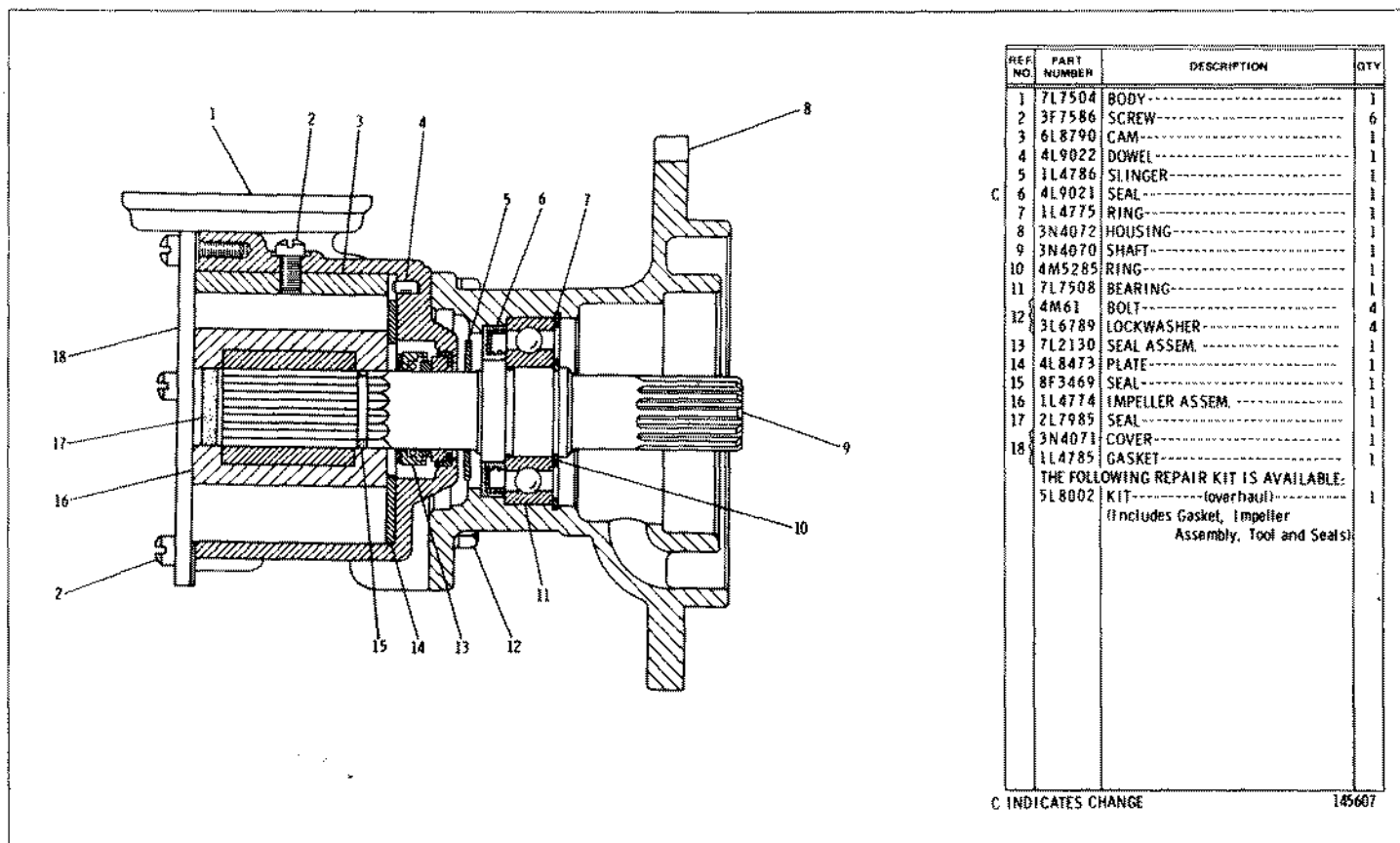
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2P3204	BOLT	3
2	S1589	BOLT	2

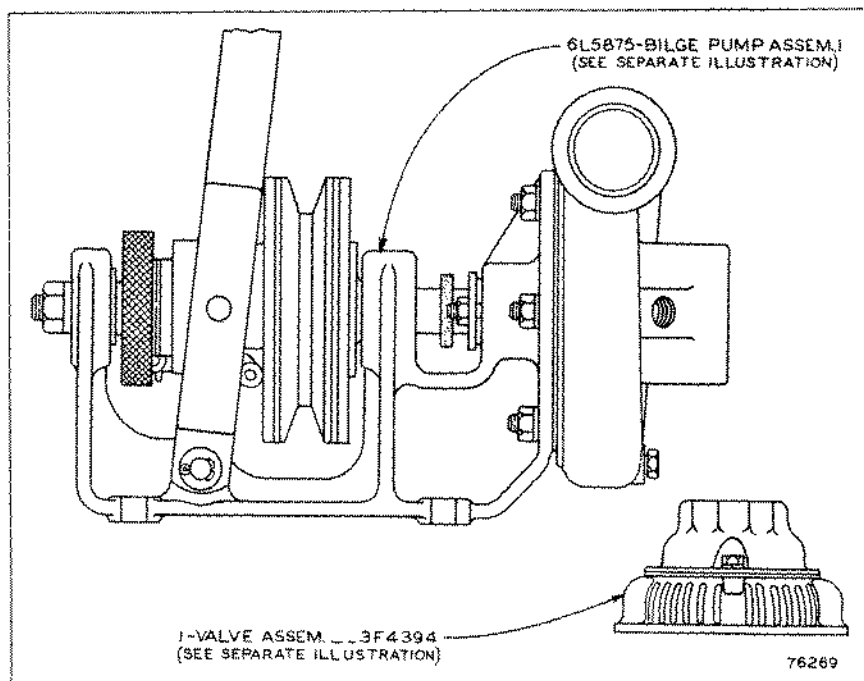
3	3N3228	PUMP GROUP— (Separate Illustration)	1
4	2P220	GASKET	1

117740

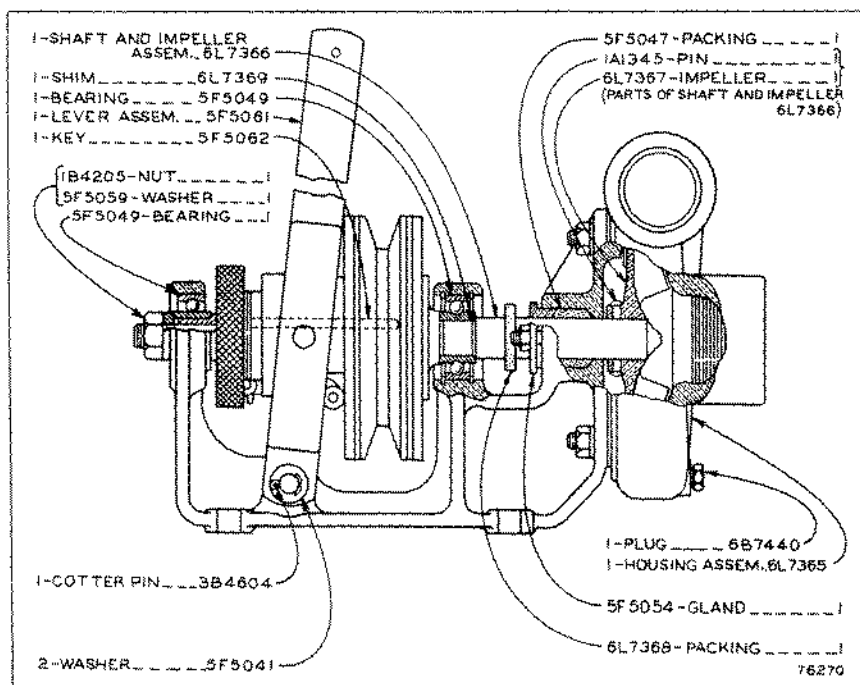
3N3229 AUXILIARY PUMP GROUP—Sea Water
Part of 3N4927 Auxiliary Pump Group
3N3228 Pump parts are shown on Page 113

3N3228 WATER PUMP GROUP—Sea Water
Also part of 3N3229 Auxiliary Pump Group shown on Page 112
AN ATTACHMENT

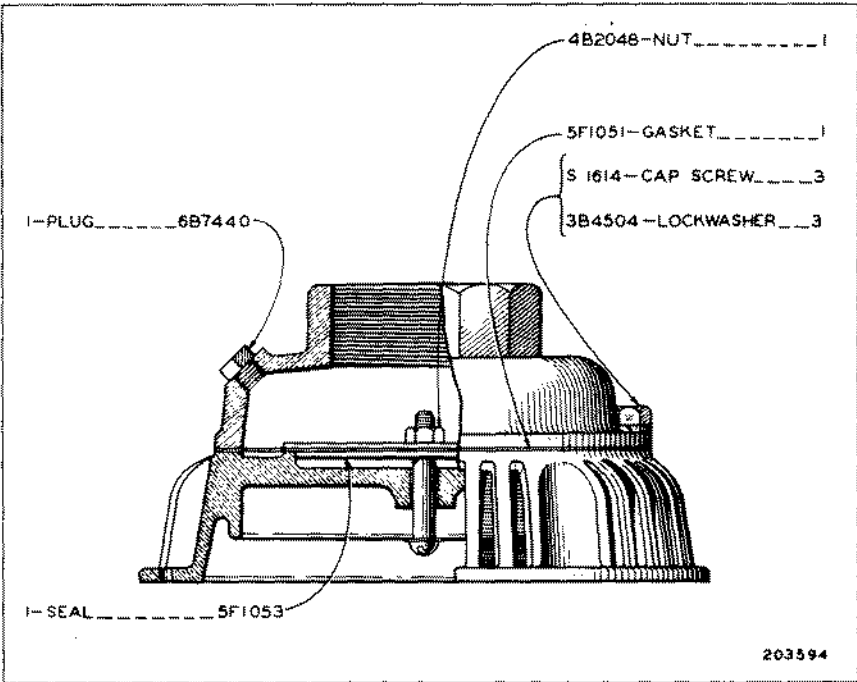




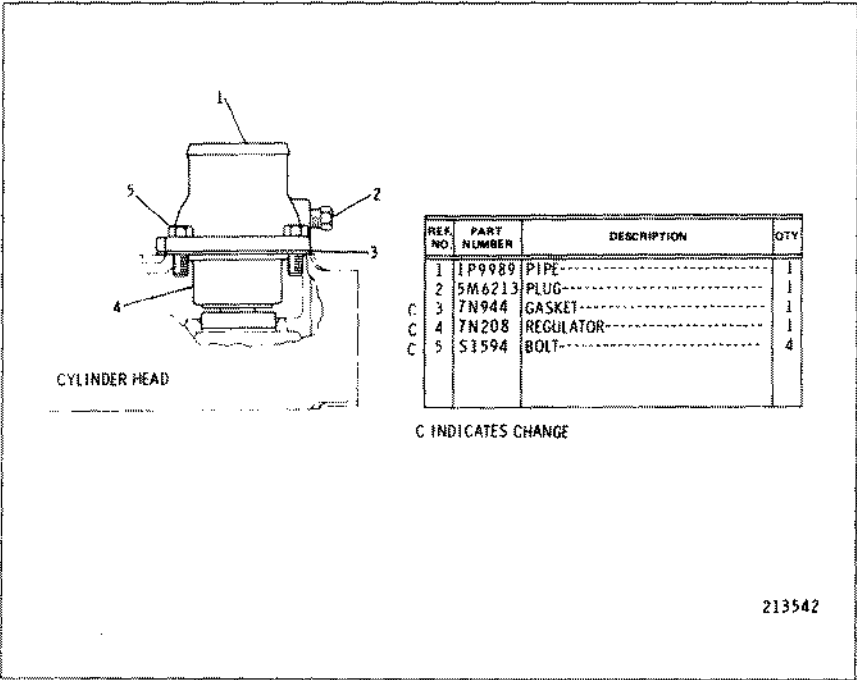
6L5858 BILGE WATER PUMP GROUP—Small Capacity
FOR USE WITH MARINE AUXILIARY ENGINE
6L5875 Bilge Pump and 3F4394 Valve parts are shown on Pages 114 and 115
AN ATTACHMENT



6L5875 BILGE WATER PUMP ASSEMBLY—R.H.
Part of 6L5858 Bilge Water Pump Group
AN ATTACHMENT



3F4394 FOOT VALVE AND STRAINER ASSEMBLY
Part of 6L5858 Bilge Water Pump Group shown on Page 114
AN ATTACHMENT



3N3271 HOUSING AND REGULATOR GROUP---Steiger
Also available as an attachment for 7N3379, 7N3380, 7N3381, 7N3384,
7N3385, 7N3386, 7N3387, 7N6739 & 7N9638 Engine Arrangements

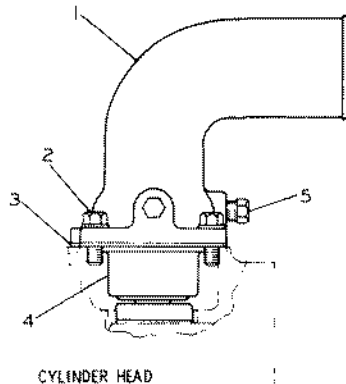


Diagram showing the 3N3279 Housing and Regulator Group attached to a CYLINDER HEAD. The assembly includes an elbow (1), bolts (2), a gasket (3), a regulator (4), and a plug (5).

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3N3806	ELBOW	1
2	S1594	BOLT	4
3	7N944	GASKET	1
4	7N208	REGULATOR	1
5	5M6213	PLUG	2

C INDICATES CHANGE

217770

3N3279 HOUSING AND REGULATOR GROUP
FOR USE WITH EXPANSION TANK AND FOR 7N3383 ENGINE
ARRANGEMENT. AN ATTACHMENT

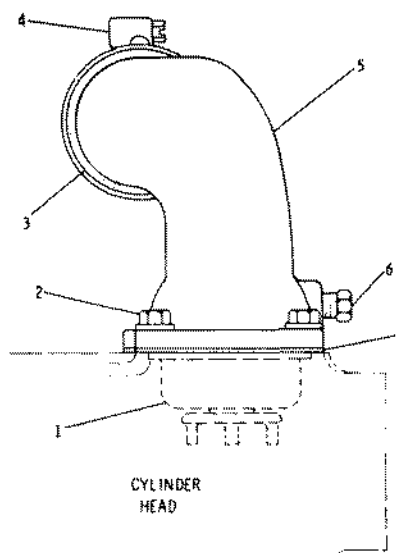


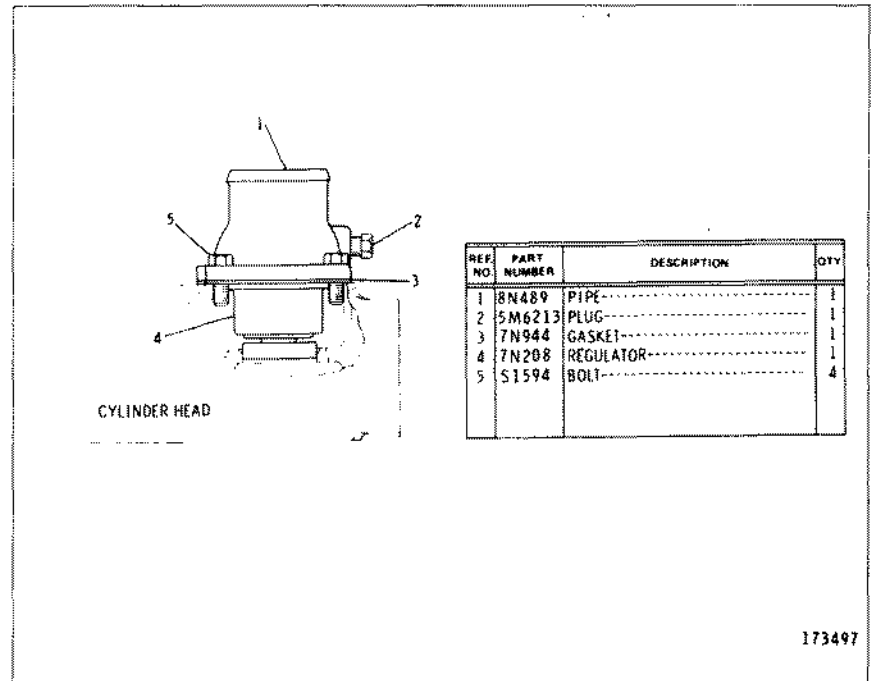
Diagram showing the 3N4926 Housing and Regulator Group attached to a CYLINDER HEAD. The assembly includes a regulator (1), bolts (2), a hose (3), a clamp (4), an elbow (5), a plug (6), and a gasket (7).

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7N208	REGULATOR	1
2	S1594	BOLT	4
3	2S6658	HOSE	5 in.
4	9M7959	CLAMP	2
5	3N3806	ELBOW	1
6	5M6213	PLUG	1
7	7N944	GASKET	1

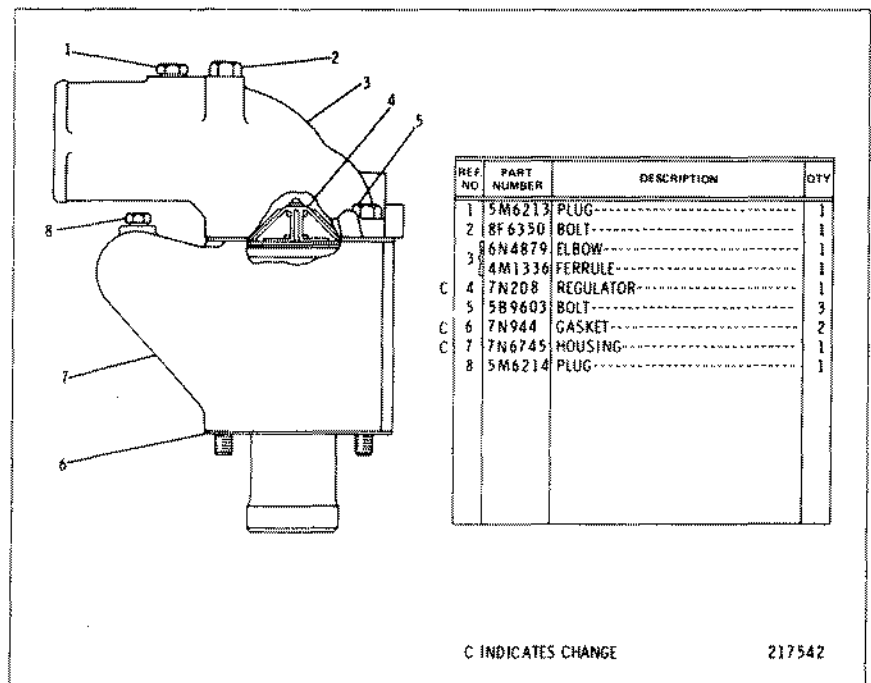
▲ ORDER BY THE INCH
C INDICATES CHANGE

217960

3N4926 HOUSING AND REGULATOR GROUP—Side Outlet with Hose

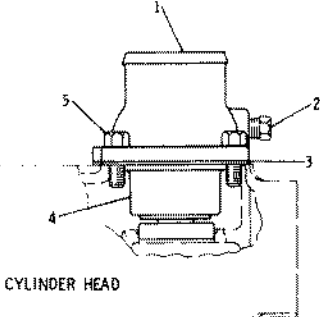


8N889 HOUSING AND REGULATOR GROUP



6N5782 HOUSING AND REGULATOR GROUP
FOR USE WITH 7N3382 ENGINE ARRANGEMENT
AN ATTACHMENT

116B CATERPILLAR 3306 INDUSTRIAL ENGINE



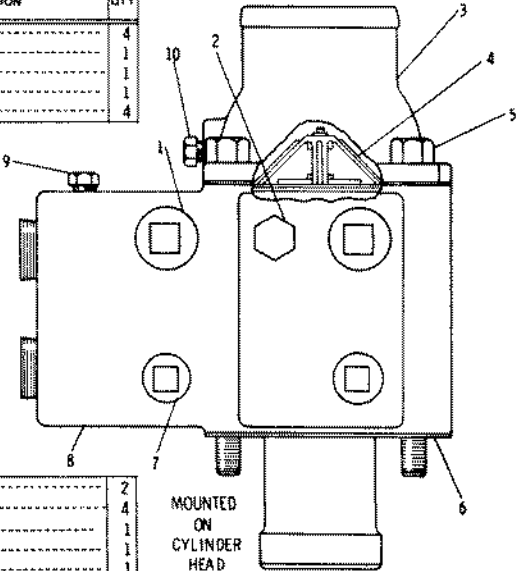
CYLINDER HEAD

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8N743	PIPE-----	1
2	5M6213	PLUG-----	1
3	7N944	GASKET-----	1
4	7N208	REGULATOR-----	1
5	S1594	BOLT-----	4

174102

8N888 HOUSING AND REGULATOR GROUP
AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	1B5174	PLUG-----	4
2	3J5390	PLUG-----	1
3	8N489	PIPE-----	1
4	7N208	REGULATOR-----	1
5	9H2374	BOLT-----	4

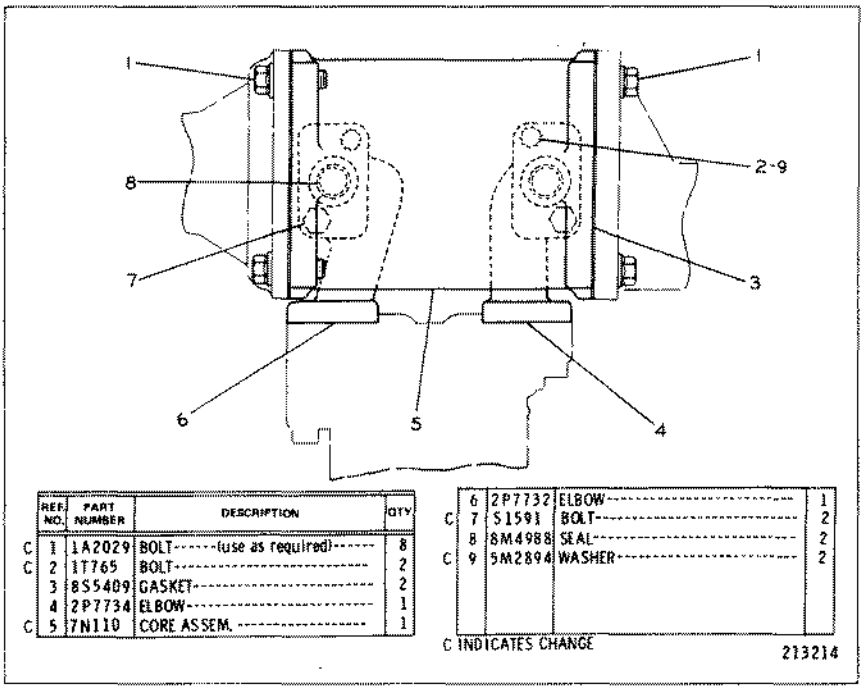


MOUNTED
ON
CYLINDER
HEAD

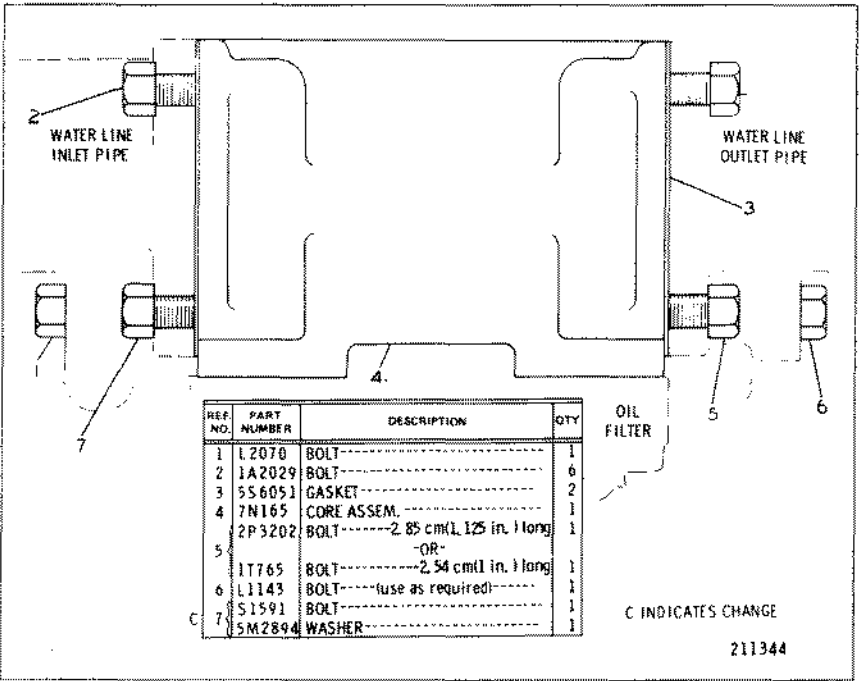
6	7N944	GASKET-----	2
7	2B858	PLUG-----	4
8	6N7662	HOUSING-----	1
9	5M6214	PLUG-----	1
10	5M6213	PLUG-----	1

173821

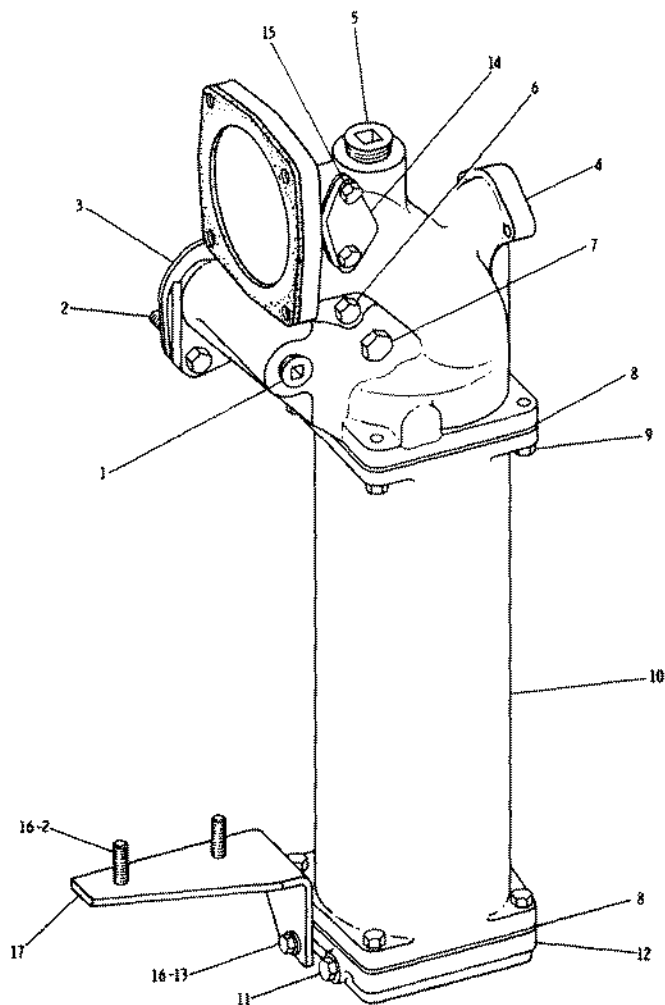
9N5122 HOUSING AND REGULATOR GROUP



2P7738 ENGINE OIL COOLER GROUP



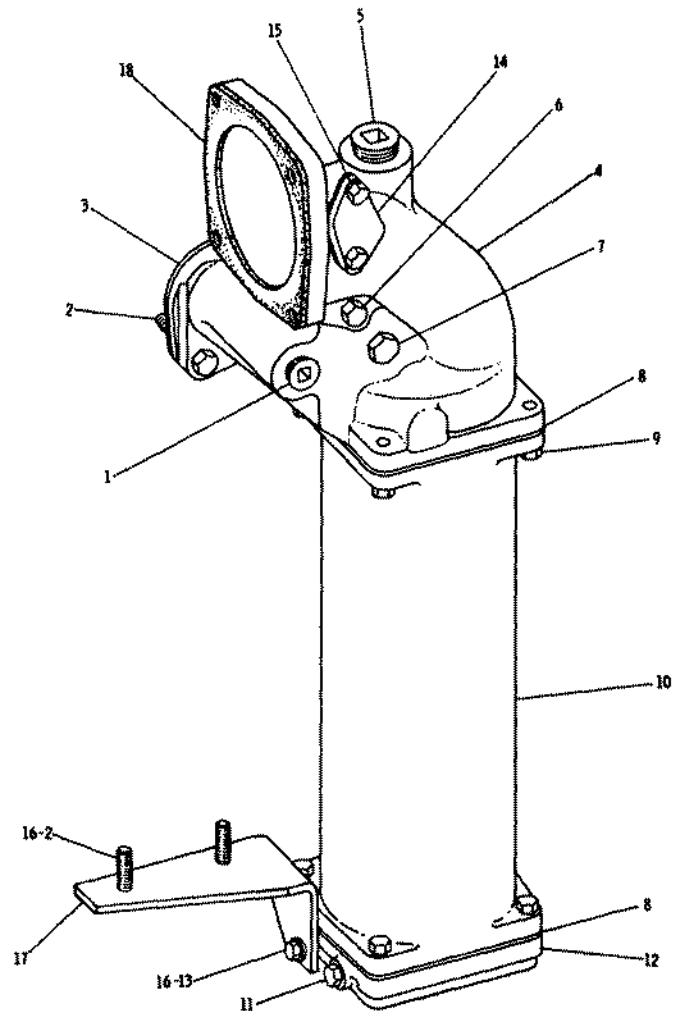
2P6215 ENGINE OIL COOLER GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	1B5174	PLUG-----	1
2	51591	BOLT-----	3
3	2P2516	GASKET-----	1
4	4N8842	BONNET-----	1
5	3B551	PLUG-----	1
6	5F4899	BOLT-----	1
7	3J5390	PLUG-----	1
8	5M4741	GASKET-----	2
C 9	1A2029	BOLT-----	8
10	6N9215	CORE ASSEM-----	1
11	2H8829	PLUG-----	1
	6F7062	GASKET-----	1
12	5S7163	BONNET-----	1
13	L1351	BOLT-----	1
14	4N3840	COVER-----	1
	4N3841	GASKET-----	1
	51617	BOLT-----	2
15	9M1974	WASHER-----	2
C 16	5M2894	WASHER-----	3
C 17	2P3945	BRACKET-----	1

C INDICATES CHANGE

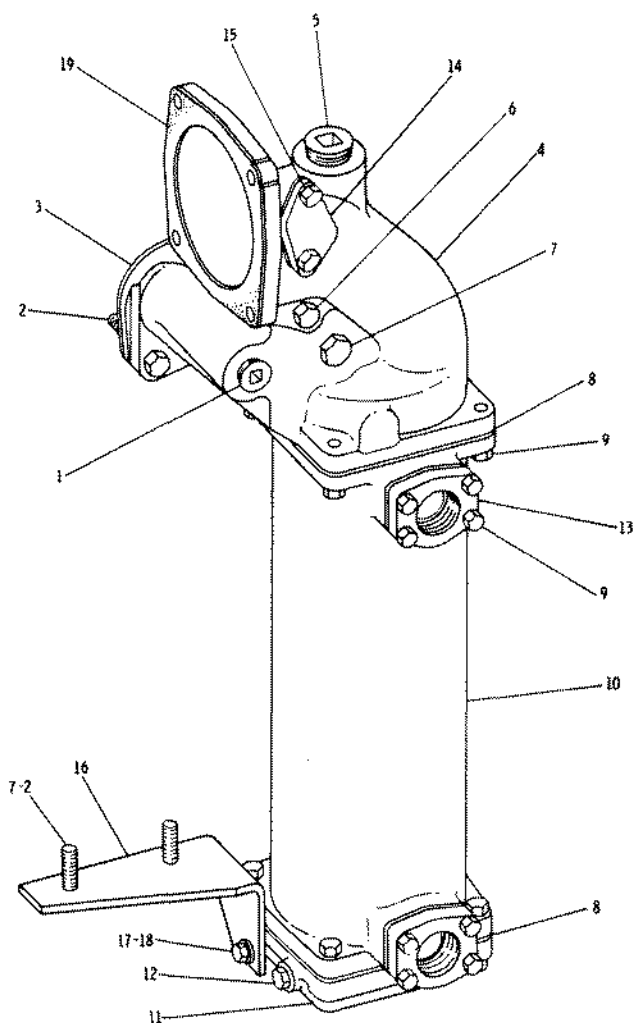
216931



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1B5174	PLUG	1
2	S1591	BOLT	3
3	2P2516	GASKET	1
4	6N126	BONNET	1
5	3B551	PLUG	1
6	5F4899	BOLT	1
7	3J5390	PLUG	1
8	5M4741	GASKET	2
9	1A2029	BOLT	8
10	6N9215	CORE ASSEM.	1
11	2H8829	PLUG	1
12	6F7062	GASKET	1
13	5S7163	BONNET	1
14	L1353	BOLT	1
15	4N3840	COVER	1
16	4N3841	GASKET	1
17	S1617	BOLT	2
18	9M1974	WASHER	2
	5M2894	WASHER	3
	2P3945	BRACKET	1
	8S5409	GASKET	1

216910

7N8185 TRANSMISSION COOLER GROUP—David Brown



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1B5174	PLUG	1
C 2	S1591	BOLT	3
3	2P2516	GASKET	1
C 4	6N126	BONNET	1
5	3B551	PLUG	1
C 6	5F4899	BOLT	1
7	3J5390	PLUG	1
8	5M4741	GASKET	2
9	1A2029	BOLT	16
C 10	6N9215	CORE ASSEM.	1
11	5S7163	BONNET	1

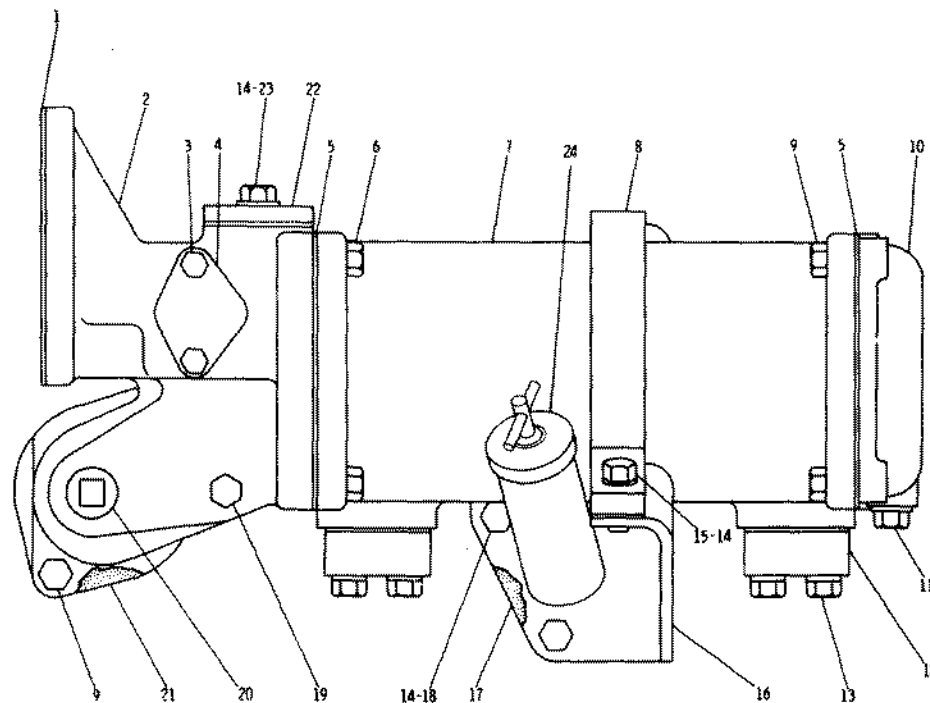
12	2H8829	PLUG	1
13	6F7062	GASKET	1
14	3N7687	FLANGE	2
C 15	2D94	GASKET	2
16	4N3840	COVER	1
C 17	4N3841	GASKET	1
18	S1617	BOLT	2
C 19	9M1974	WASHER	2
20	2P3945	BRACKET	1
C 21	5M2894	WASHER	3
22	L1351	BOLT	1
C 23	8S5409	GASKET (use as required)	1

C INDICATES CHANGE

217910

3N6099 TRANSMISSION COOLER GROUP
FOR USE WITH TURBOCHARGED ENGINE
AN ATTACHMENT

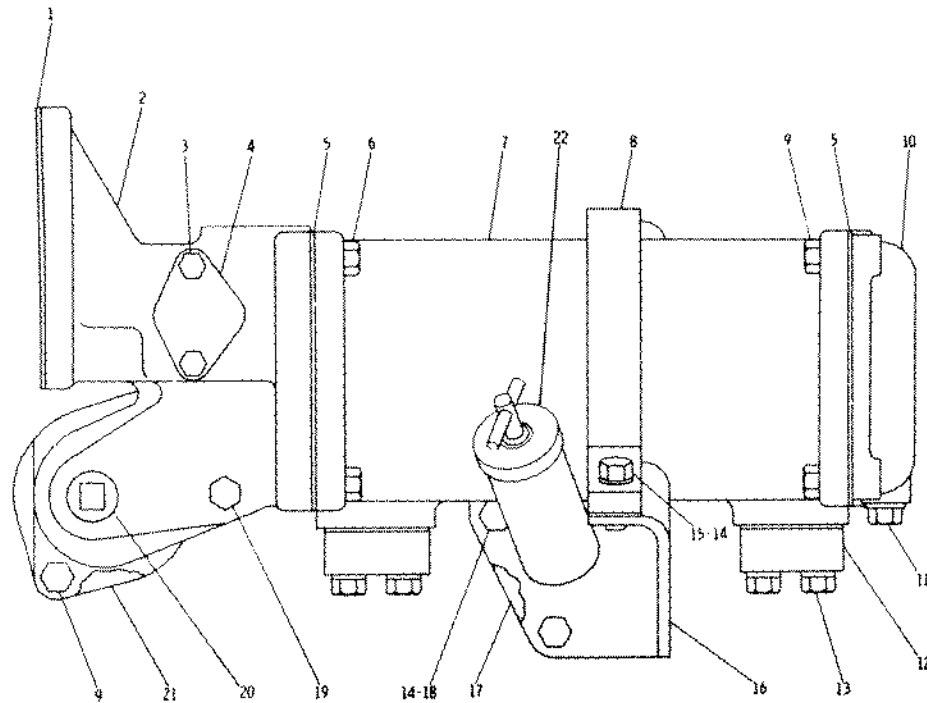
7N6034 TRANSMISSION COOLER GROUP
FOR USE WITH TURBOCHARGED ENGINE ONLY, 7N6589 AND 7N6588 FLYWHEEL HOUSING
ADAPTER GROUPS SHOWN ON PAGES 80 AND 81. AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8S5409	GASKET	1
2	7N5833	BONNET	1
3	S1617	BOLT	2
4	9M1974	WASHER	2
5	4N3840	COVER	1
6	4N3841	GASKET	1
7	5M4741	GASKET	2
8	S1588	BOLT	4
9	6N9851	CORE ASSEM.	1
10	7N4520	CLAMP	1
11	1A2029	BOLT	6
12	5S7163	BONNET	1
13	2H8829	PLUG	1
14	6F7062	GASKET	1
15	4V1533	FLANGE	2
16	2D94	GASKET	2
17	3B1915	BOLT	8
18	5M2894	WASHER	17
19	S1591	BOLT	2
20	1D4717	NUT	2
21	8N4049	BRACKET ASSEM.	1
22	5S8055	GASKET	1
23	S1594	BOLT	3
24	3J5390	PLUG	1
25	1B5174	PLUG	1
26	2P2516	GASKET	1
27	6B41	COVER	1
28	1F4738	GASKET	1
29	S509	BOLT	2
30	5L2952	CAP ASSEM.	1

C INDICATES CHANGE

171912

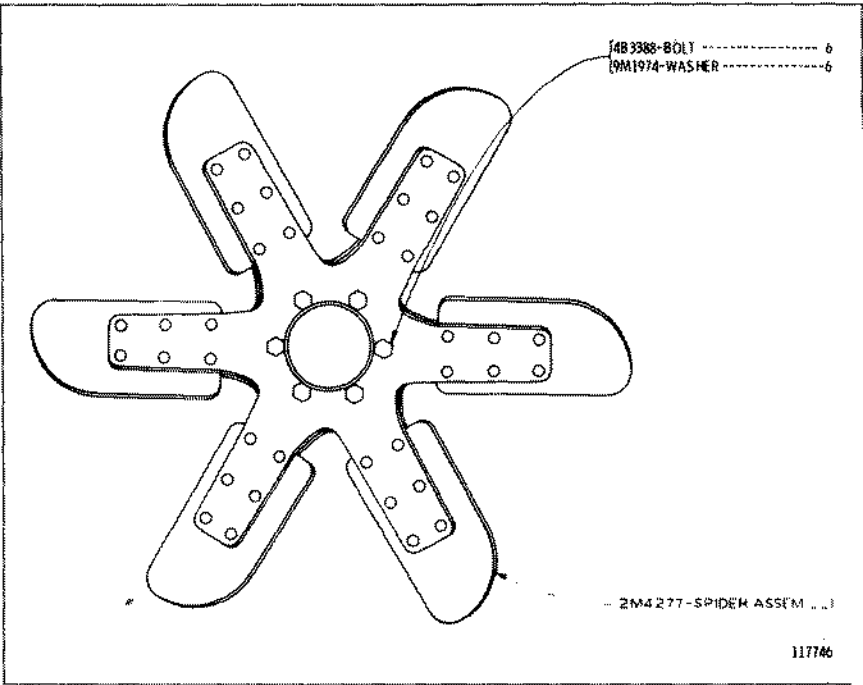


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8S5409	GASKET	1
2	7N5833	BONNET	1
3	5J617	BOLT	2
4	9M1974	WASHER	2
5	4N3840	COVER	1
6	4N3841	GASKET	1
7	5M4741	GASKET	2
8	5J588	BOLT	4
9	6N9851	CORE ASSEM.	1
10	7N4520	CLAMP	1
11	1A2029	BOLT	6
12	5S7163	BONNET	1
13	2H8829	PLUG	1
14	6F7062	GASKET	1
15	4V1533	FLANGE	2
16	2094	GASKET	2
17	3B1915	BOLT	8
18	5M2894	WASHER	15
19	5J591	BOLT	2
20	1D4717	NUT	2
21	8N4049	BRACKET ASSEM.	1
22	5S8055	GASKET	1
	5J594	BOLT	3
	3J5390	PLUG	1
	1B5174	PLUG	1
	2P2516	GASKET	1
	5L2952	CAP ASSEM.	1

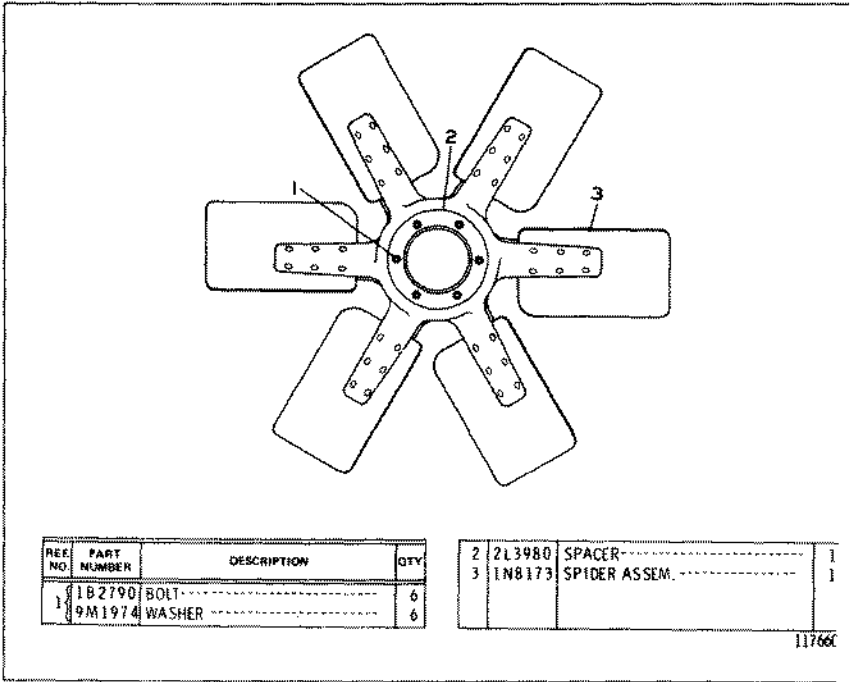
C INDICATES CHANGE

171911

7N6045 TRANSMISSION OIL COOLER GROUP
 FOR USE WITH TURBOCHARGED AFTERCOOLED ENGINE, 7N6589 AND 7N6588 FLYWHEEL
 HOUSING ADAPTER GROUP SHOWN ON PAGES 80 AND 81. AN ATTACHMENT

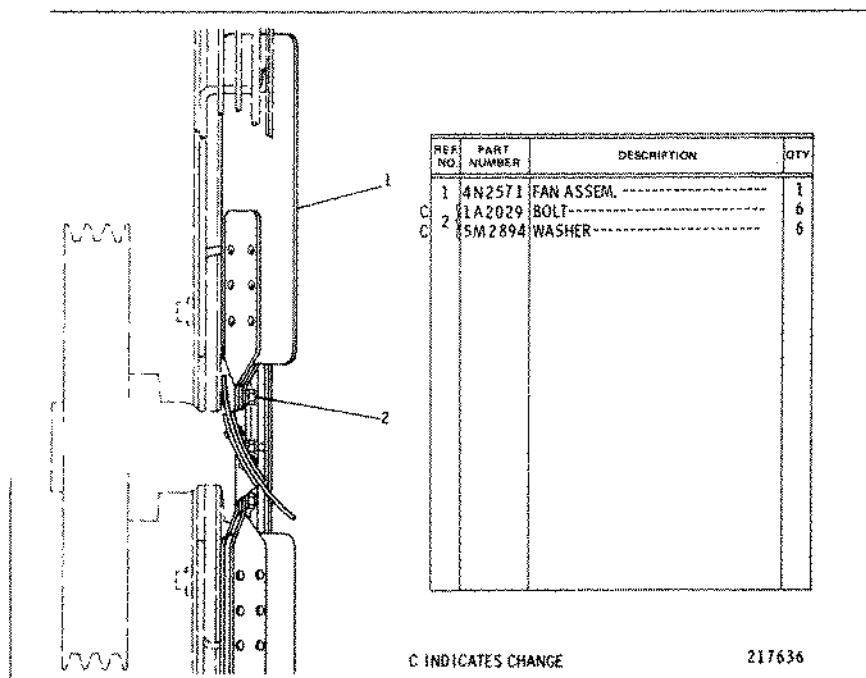


4N4684 BLOWER FAN GROUP—26 Inch (660 mm)
Refer to Chart shown on Pages 126 and 127 for usage
AN ATTACHMENT

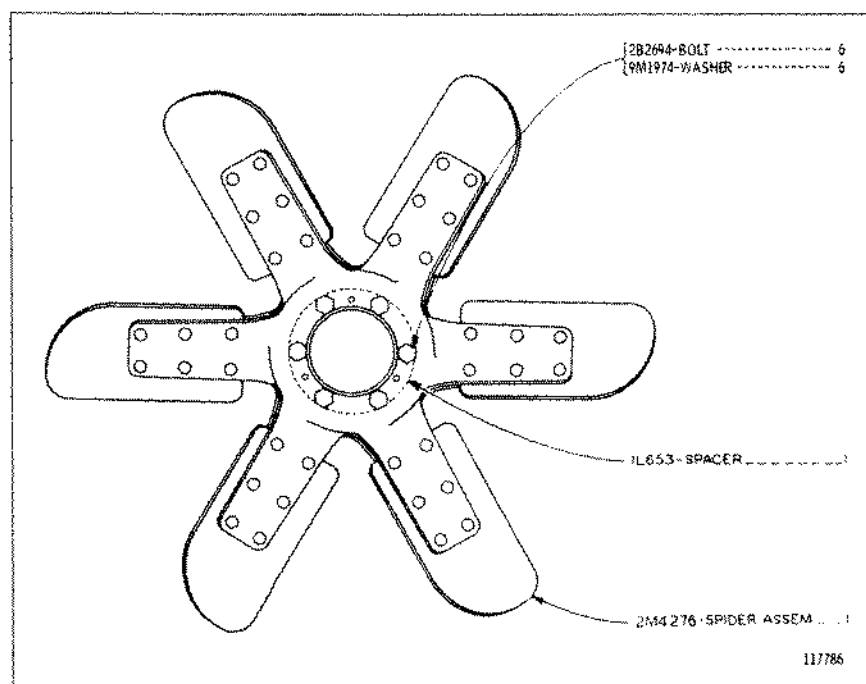


4N4684 BLOWER FAN GROUP—26 Inch (660 mm)

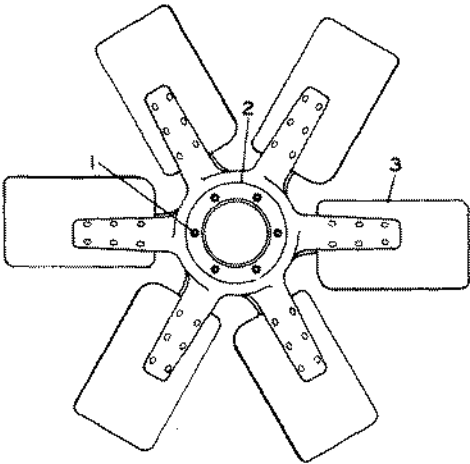
CATERPILLAR 3306 INDUSTRIAL



4N2569 BLOWER FAN GROUP—33 Inch (838 mm)
Refer to Chart shown on Pages 126 and 127 for usage
AN ATTACHMENT



4N4683 SUCTION FAN GROUP—26 Inch (660 mm)
Refer to Chart shown on Pages 126 and 127 for usage
AN ATTACHMENT

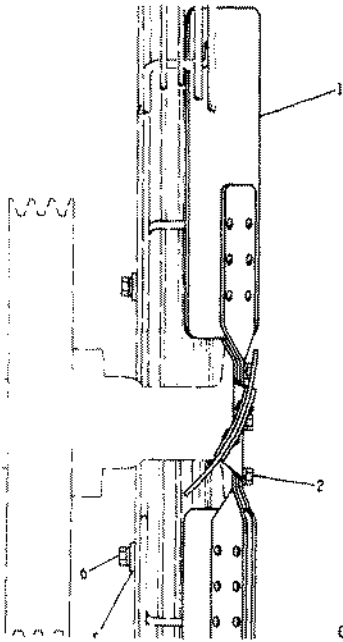


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1B9575	BOLT	6
	9M1974	WASHER	6

2	5L1313	SPACER	1
3	1N8171	SPIDER ASSEM.	1

117659

4N4685 SUCTION FAN GROUP—26 inch (660 mm)
Refer to Chart shown on Pages 126 and 127 for usage
AN ATTACHMENT



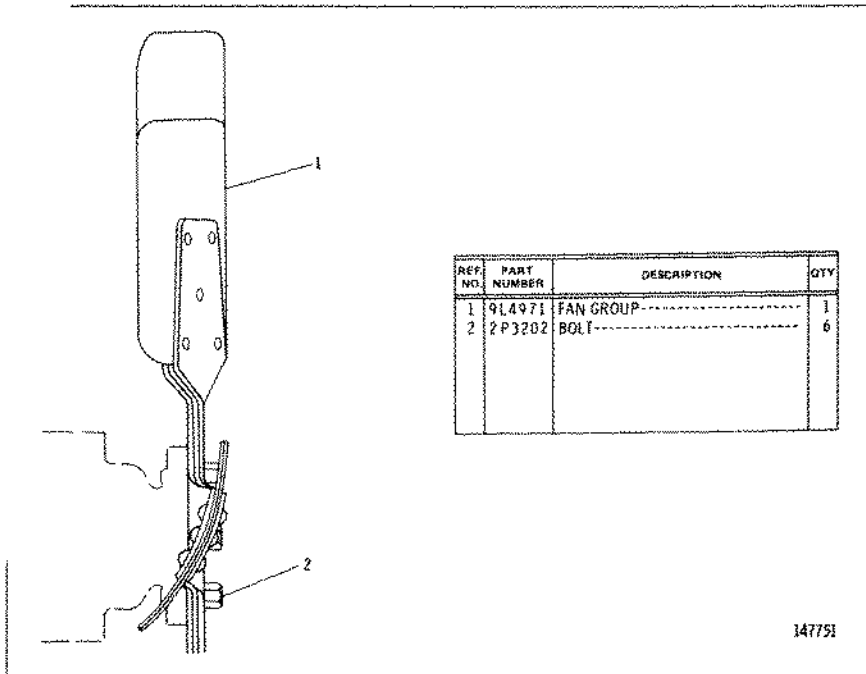
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N2572	FAN ASSEM.	1
C 2	1A2029	BOLT	6
C	5M2894	WASHER	6

C INDICATES CHANGE

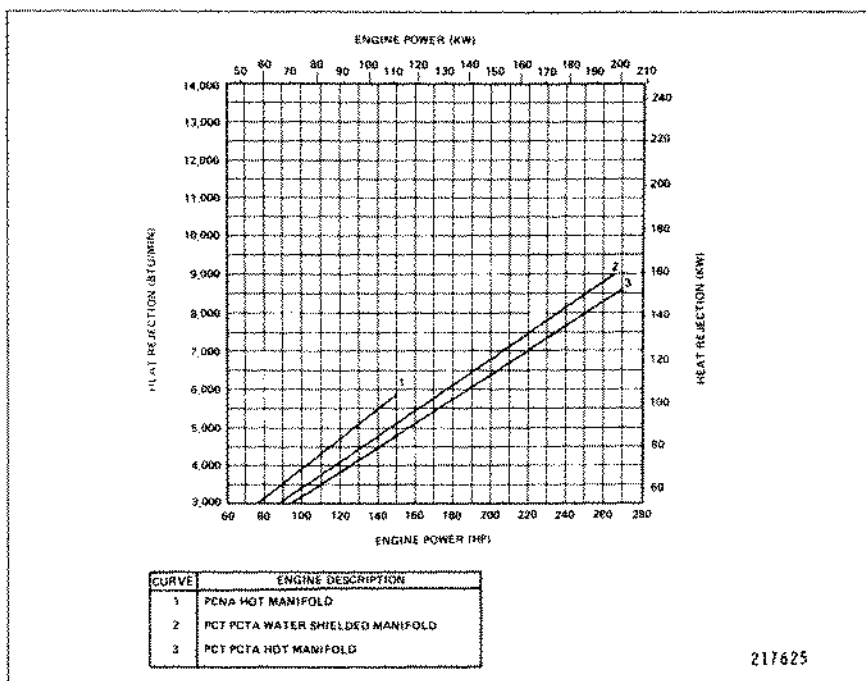
166112

1/2-13 UNF-2B (6.35 mm)

CATERPILLAR 3306 INDUSTRIAL



4N8752 SUCTION FAN GROUP—28 inch (711 mm)
AN ATTACHMENT



7N5191 RADIATOR, FAN AND FAN DRIVE CHART—Part 1
AN ATTACHMENT

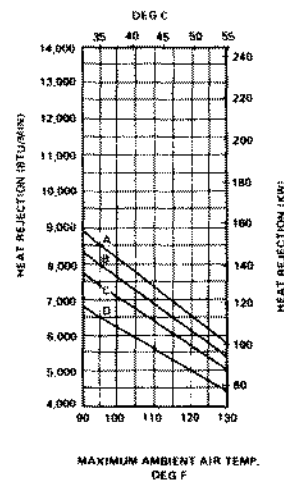
7N5191 RADIATOR, FAN AND FAN DRIVE CHART—Part 2 AN ATTACHMENT

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

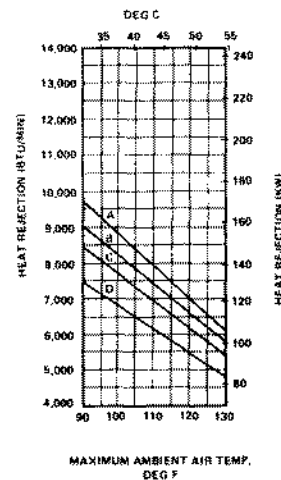
SPEED RATIO 1.0:1			
CURVE	ENGINE SPEED RPM	AIR FLOW	
		CFM	CMM
A	2200	10,000	283.2
B	2000	9,100	257.7
C	1800	8,200	232.2
D	1500	6,800	192.5

SPEED RATIO 1.0:1			
CURVE	ENGINE SPEED RPM	AIR FLOW	
		CFM	CMM
A	2200	10,260	290.2
B	2000	9,300	263.3
C	1800	8,400	237.9
D	1500	6,900	196.4

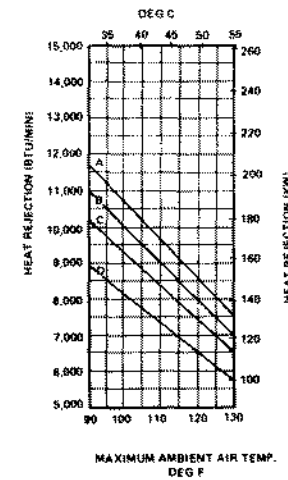
SPEED RATIO .82:1			
CURVE	ENGINE SPEED RPM	AIR FLOW	
		CFM	CMM
A	2200	18,500	532.4
B	2000	17,000	481.4
C	1800	15,400	436.1
D	1500	12,800	362.5



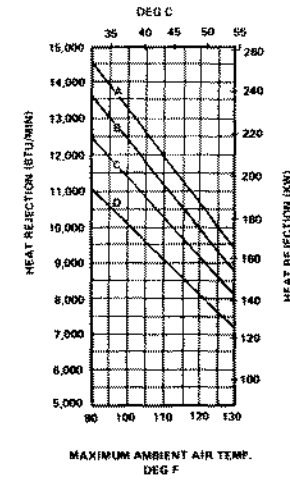
RADIATOR 3N2789
RADIATOR W/DUCT FLANGE 3N7296
FAN-BLOWER 26 IN (660.4 MM) DIA 4N4684
FAN-SUCTION 26 IN (660.4 MM) DIA 4N4683
FAN DRIVE 3N7210
PULLEY 3N7211



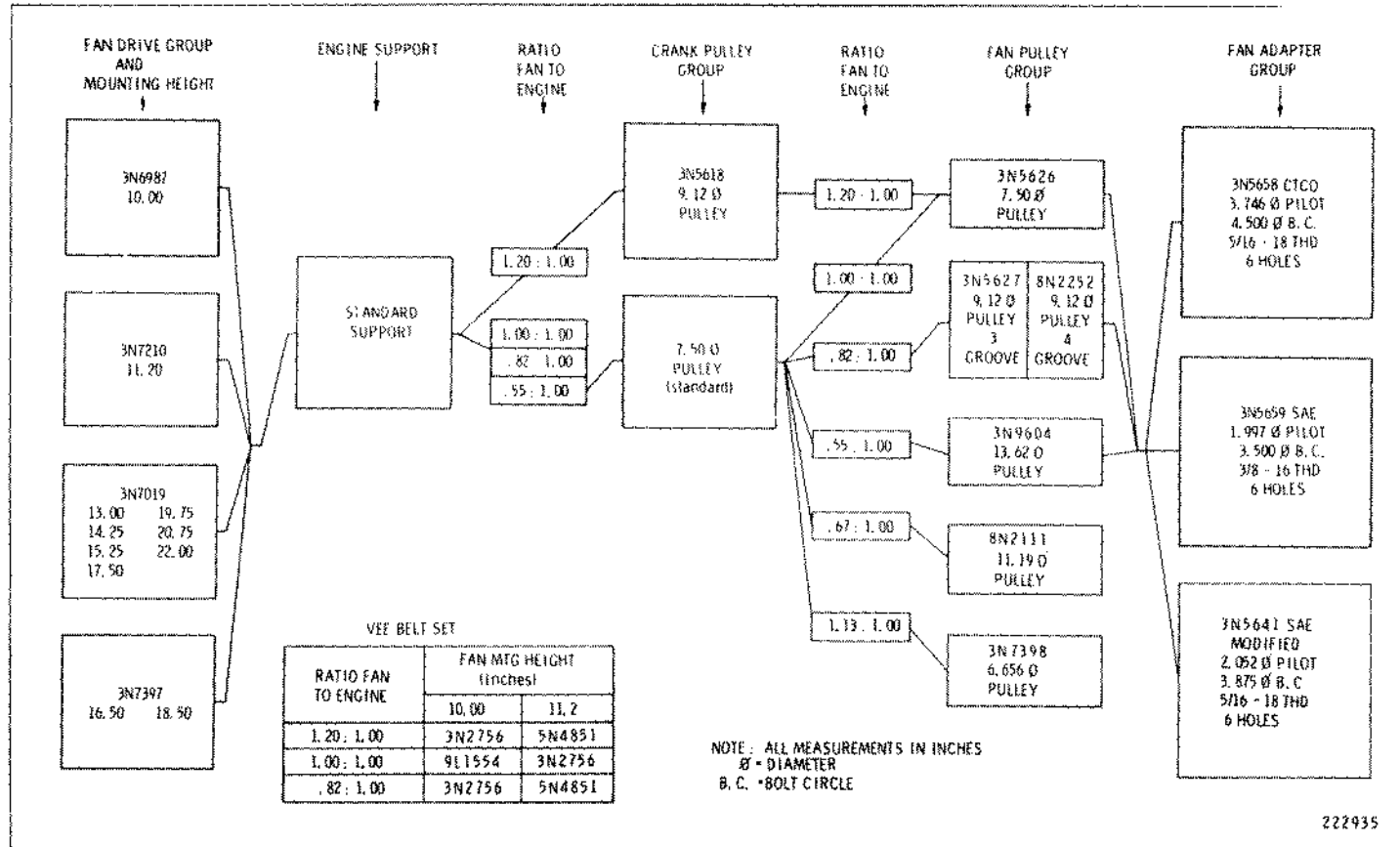
RADIATOR 3N4652
RADIATOR W/DUCT FLANGE 3N8653
FAN-BLOWER 26 IN (660.4 MM) DIA 4N4686
FAN-SUCTION 26 IN (660.4 MM) DIA 4N4685
FAN DRIVE 3N7210
PULLEY 3N7211



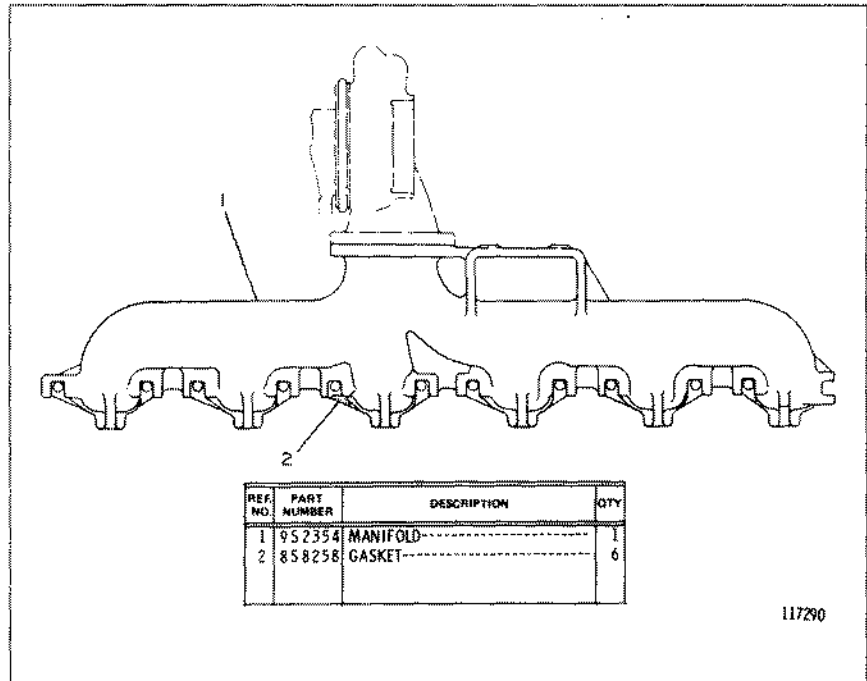
RADIATOR 3N2790
RADIATOR W/DUCT FLANGE 3N8694
FAN-BLOWER 26 IN (660.4 MM) DIA 4N4686
FAN-SUCTION 26 IN (660.4 MM) DIA 4N4685
FAN DRIVE 3N7210
PULLEY 3N7211



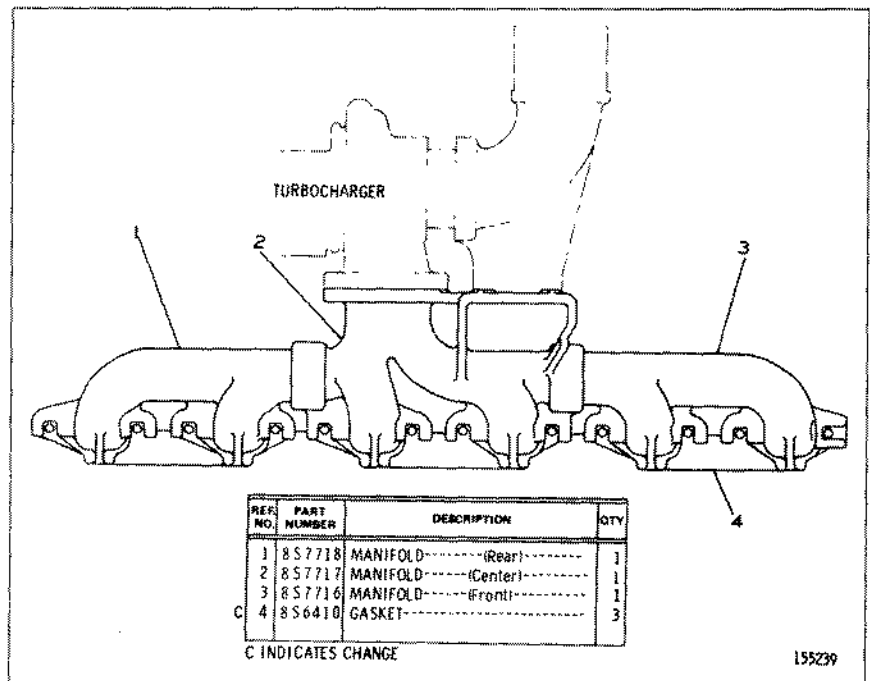
RADIATOR W/DUCT FLANGE 7N9517
FAN-BLOWER 33 IN (838.2 MM) DIA 4N2569
FAN-SUCTION 33 IN (838.2 MM) DIA 4N2570
FAN DRIVE 3N7018
PULLEY 3N5627
ADAPTER (BLOWER FAN) 4N2370
ADAPTER (SUCTION FAN) 4N2371



4N8585 FAN DRIVE CHART
AN ATTACHMENT

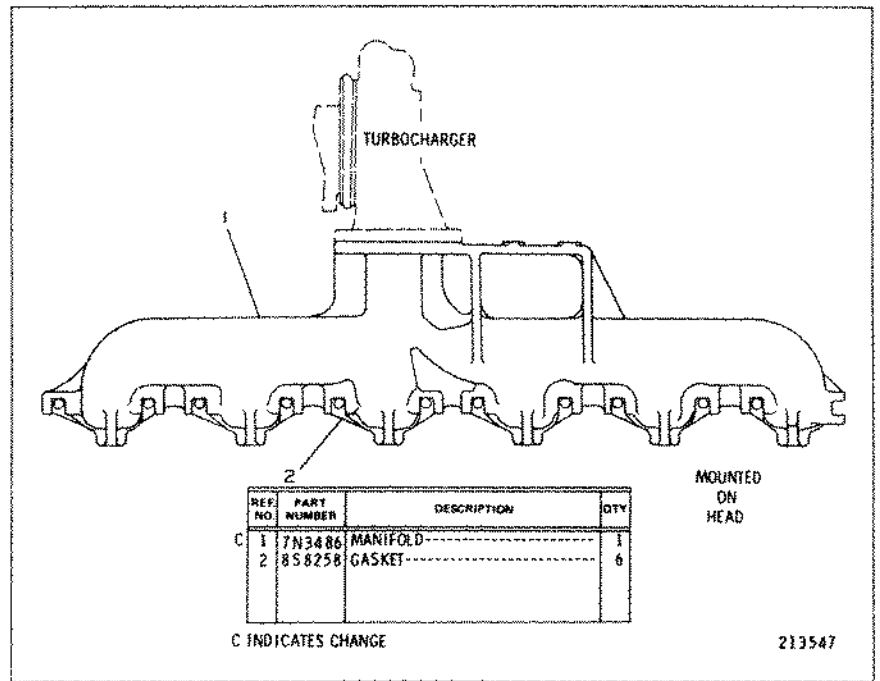


2P6573 EXHAUST MANIFOLD GROUP—Steiger—Ford & Industrial

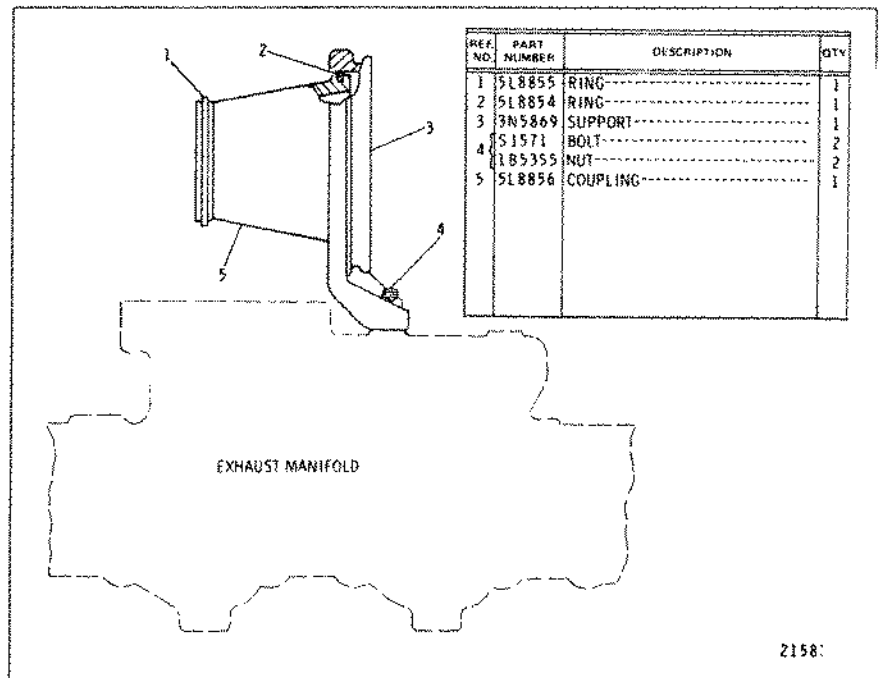


2P6574 EXHAUST MANIFOLD GROUP—Steiger & Mobile Engine

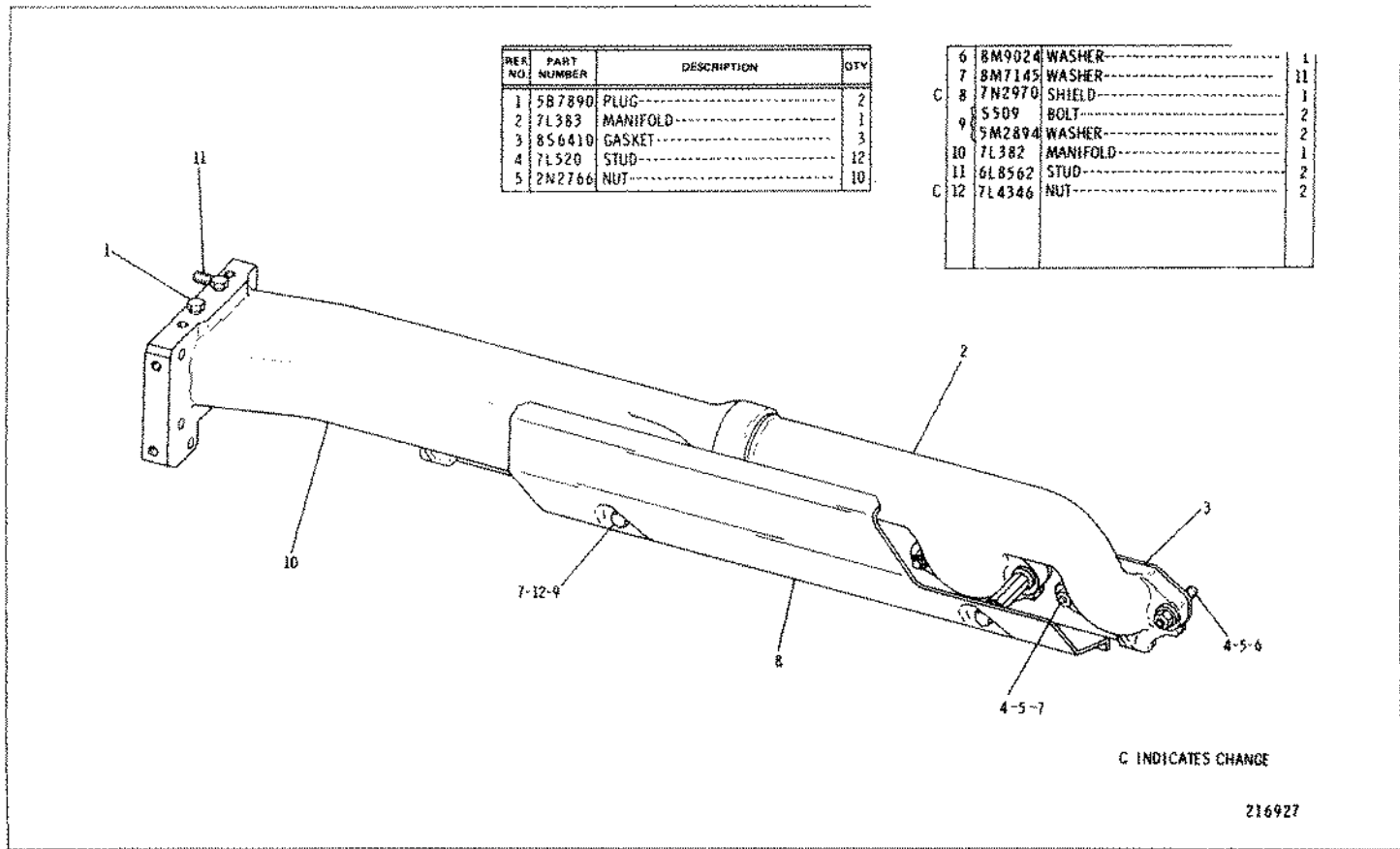
INTAKE AND EXHAUST SYSTEM



6N164 EXHAUST MANIFOLD GROUP



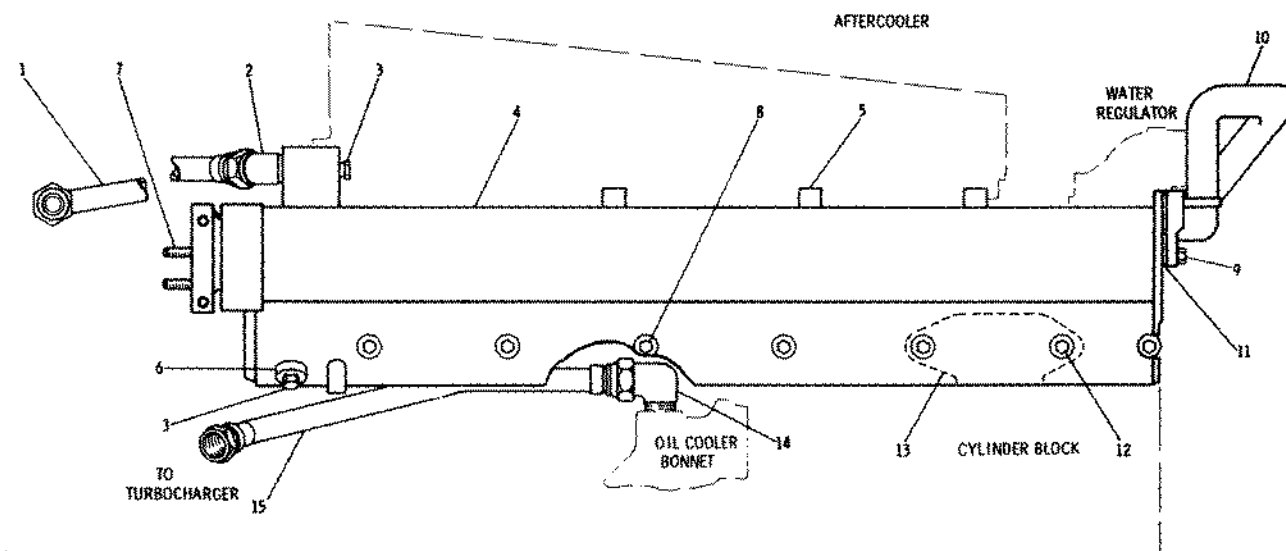
5N1768 EXHAUST ELBOW ADAPTER GROUP



3N2888 EXHAUST MANIFOLD GROUP

CATERPILLAR 330D

6N5959 EXHAUST MANIFOLD GROUP—Marine Auxiliary Turbocharged—Aftercooled Engine



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6N6053	TUBE ASSEM. -----	1
2	2P1312	ELBOW-----	1
3	3J5390	PLUG-----	2
4	6N3727	MANIFOLD ASSEM. ----- (includes)	1
5	8D7729	BOSS-----	3
6	6B8692	BOSS-----	1
7	6L8562	STUD-----	4

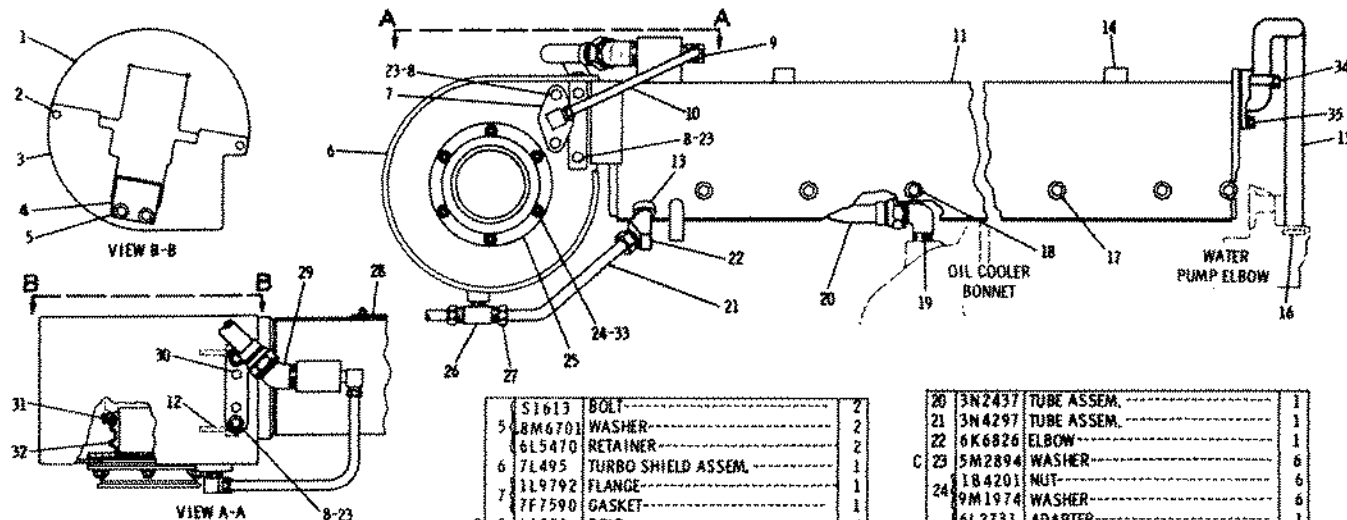
8	8M2518	BOLT----- (12 point)-----	1
9	S509	BOLT----- 191 cm/ 7.5 in. long	1
10	S1590	BOLT----- 5.08 cm/ 2 in. long	1
11	7N6744	TUBE ASSEM. -----	1
12	9M4849	SEAL-----	1
13	6L6580	GASKET-----	1
14	S1608	BOLT-----	6
15	8S6410	GASKET-----	3

14	9S7296	ELBOW-----	1
15	6N6057	TUBE ASSEM. -----	1

C INDICATES CHANGE

216935

INTAKE AND EXHAUST



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6L2737	SHIELD	1
	6L1569	BOLT	2
2	8F2103	NUT	2
	8M9936	LOCKWASHER	2
	8H5505	WASHER	2
3	8L5121	SHIELD	1
4	6L5257	BRACKET	1

5	S1613	BOLT	2
	8M6701	WASHER	2
	6L5470	RETAINER	2
6	7L495	TURBO SHIELD ASSEM.	1
	1L9792	FLANGE	1
7	7F7590	GASKET	1
8	1L351	BOLT	6
9	5K9244	ELBOW	2
10	3N4290	TUBE ASSEM.	1
11	6N3727	MANIFOLD ASSEM.	1
		(includes)	
12	6L8562	STUD	4
13	6B8692	BOSS	1
14	8D7729	BOSS	3
15	6N9871	TUBE ASSEM.	1
	6L6580	GASKET	1
16	9M4849	SEAL	1
17	S1608	BOLT	6
18	8M2518	BOLT	1
19	9S7296	ELBOW	1

20	3N2437	TUBE ASSEM.	1
21	3N4297	TUBE ASSEM.	1
22	6K6826	ELBOW	1
23	5M2894	WASHER	6
	1B4201	NUT	6
24	9M1974	WASHER	6
	6L2731	ADAPTER	1
25	6L2732	GASKET	2
26	9S7730	TEE	1
27	5P1184	PLUG	1
28	8S6410	GASKET	3
29	2P1312	ELBOW	1
30	5B7890	PLUG	2
31	5L9316	CLAMP	1
32	6L7321	COUPLING	1
33	4B4184	STUD	6
34	S1590	BOLT	1
35	S1594	BOLT	1

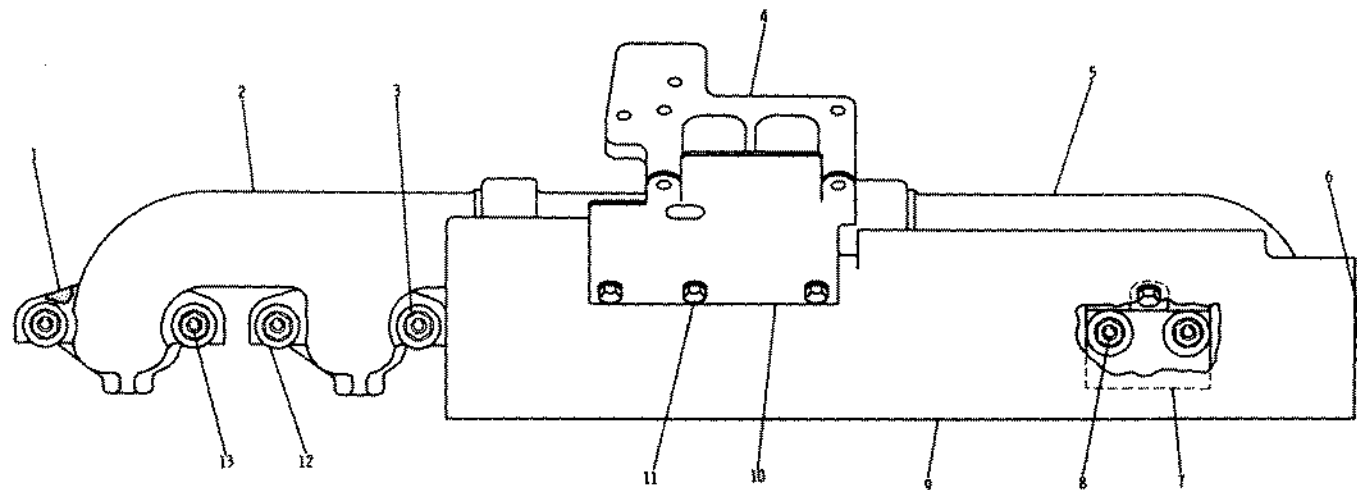
C INDICATES CHANGE

166432

CATERPILLAR 3306 INDUCTOR

3N3273 EXHAUST MANIFOLD GROUP—Marine Auxiliary Turbocharged Engine with 60 hertz Generator Set

9L5805 EXHAUST MANIFOLD GROUP—David Brown



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	856410	GASKET-----	3
2	9L5521	MANIFOLD-----	1
3	2N2766	LOCKNUT-----	12
4	9L5520	MANIFOLD----- (center)-----	1

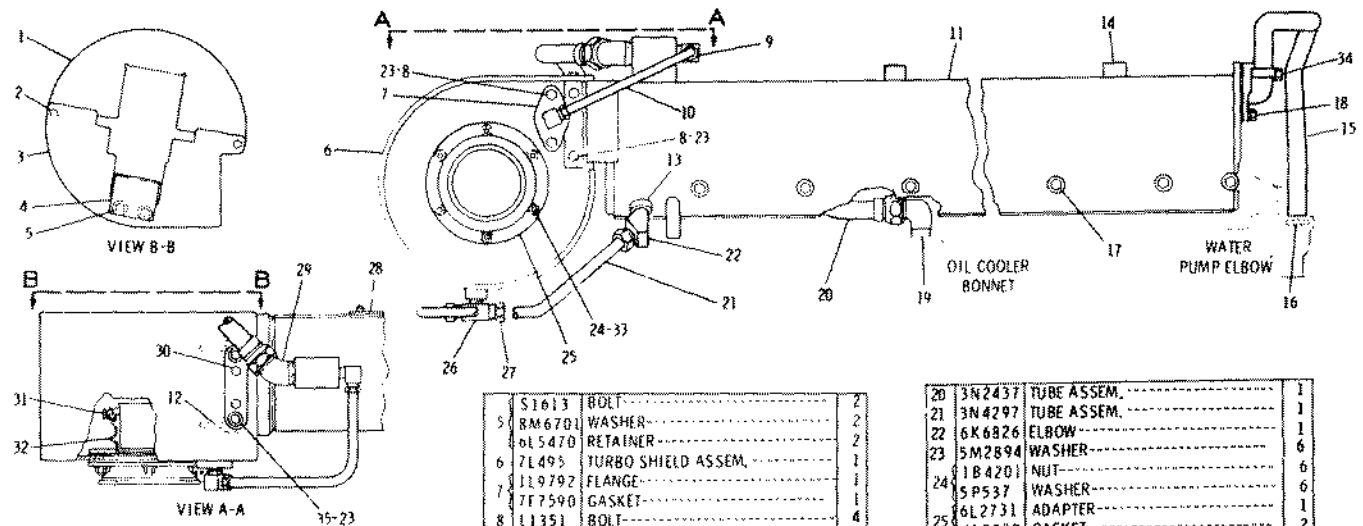
5	9L5519	MANIFOLD----- (front)-----	1
6	9M6527	WASHER-----	1
7	7N826	BRACKET ASSEM.-----	2
8	9L1658	STUD-----	4
9	9L6759	SHIELD ASSEM.-----	1
10	9L6739	SHIELD-----	1

11	51614	BOLT-----	4
12	4B4276	WASHER-----	4
13	8M7145	WASHER-----	11
13	7L520	STUD-----	8

C INDICATES CHANGE

166127

8N859 EXHAUST MANIFOLD GROUP—Watercooled



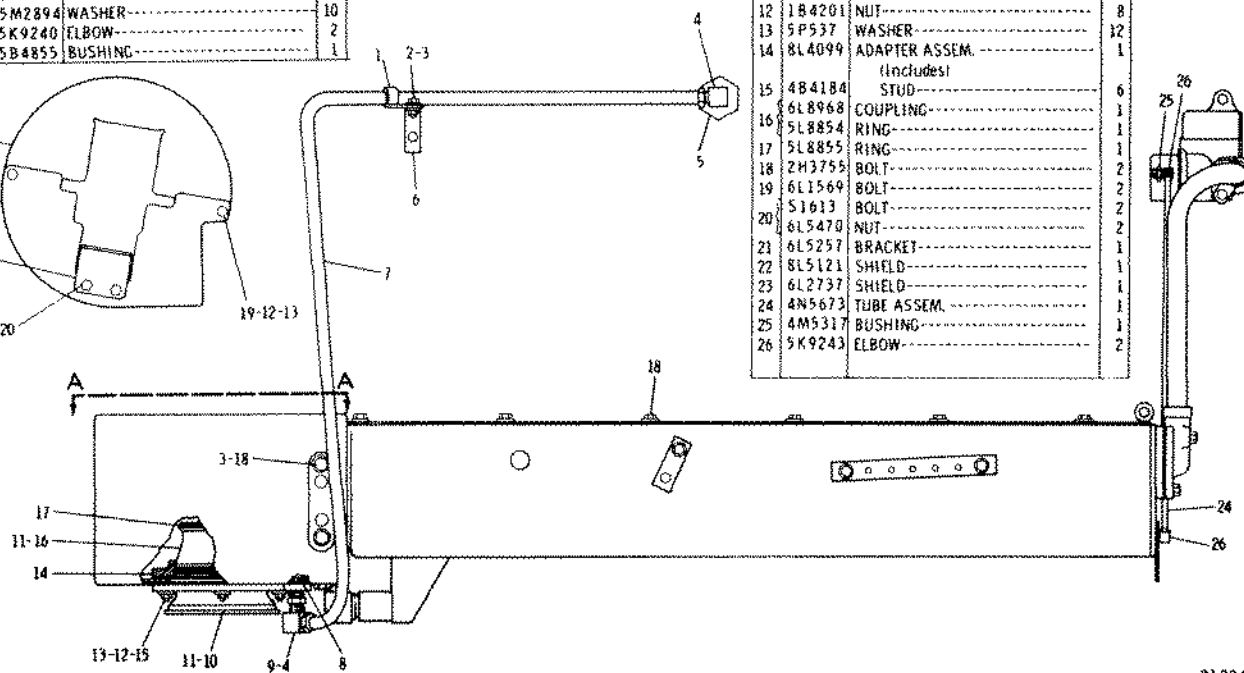
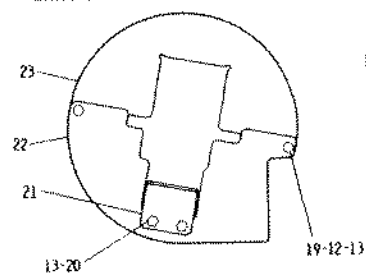
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6L2737	SHIELD	1
2	6L1569	BOLT	2
3	8F2103	NUT	2
4	8M9936	LOCKWASHER	2
5	8H5505	WASHER	2
6	8L5121	SHIELD	1
7	6L5257	BRACKET	1

8	S1613	BOLT	2
9	8M6701	WASHER	2
10	6L5470	RETAINER	2
11	7L495	TURBO SHIELD ASSEM.	1
12	1L9792	FLANGE	1
13	7F7590	GASKET	1
14	L1351	BOLT	4
15	5K9244	ELBOW	2
16	3N4290	TUBE ASSEM.	1
17	6N3727	MANIFOLD ASSEM. (Includes)	1
18	6L8562	STUD	4
19	6B8692	BOSS	1
20	8D7729	BOSS	3
21	8N3744	TUBE ASSEM.	1
22	6L6580	GASKET	1
23	9M4849	SEAL	1
24	S1608	BOLT	7
25	S1594	BOLT	1
26	9S7296	ELBOW	1

27	3N2437	TUBE ASSEM.	1
28	3N4297	TUBE ASSEM.	1
29	6K6826	ELBOW	1
30	5M2894	WASHER	6
31	1B4201	NUT	6
32	5P537	WASHER	6
33	6L2731	ADAPTER	1
34	6L2732	GASKET	2
35	9S7730	TEE	1
36	5P1184	PLUG	1
37	8S6410	GASKET	3
38	2P1312	ELBOW	1
39	5B7890	PLUG	2
40	5L9316	CLAMP	1
41	6L7321	COUPLING	1
42	4B4184	STUD	6
43	S1590	BOLT	1
44	T102	BOLT	2

174358

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8F8513	CLIP	1
2	1L1351	BOLT	1
3	1D4717	NUT	1
4	5M2894	WASHER	10
5	5K9240	ELBOW	2
5	5B4855	BUSHING	1



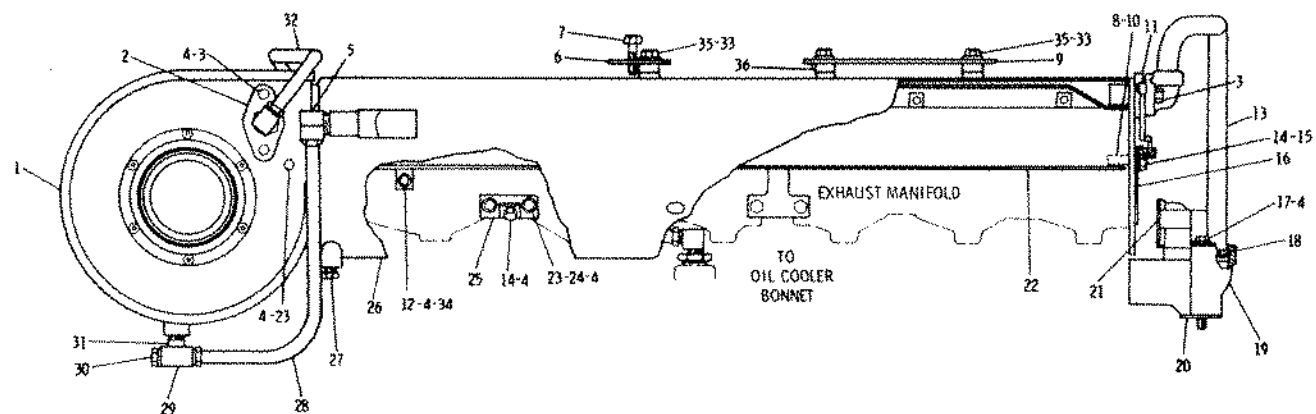
6	6N1115	BRACKET	1
7	4N5598	TUBE ASSEM.	1
8	2H7165	GASKET	1
9	8B2664	BUSHING	1
10	6L2731	ADAPTER	1
11	6L2732	GASKET	2
12	1B4201	NUT	8
13	5P537	WASHER	12
14	8L4099	ADAPTER ASSEM. (Includes)	1
15	4B4184	STUD	6
16	6L8968	COUPLING	1
17	5L8854	RING	1
18	5L8855	RING	1
19	2H3755	BOLT	2
20	6L1569	BOLT	2
21	5L613	BOLT	2
22	6L5470	NUT	2
23	6L5257	BRACKET	1
24	8L5121	SHIELD	1
25	6L2737	SHIELD	1
26	4N5673	TUBE ASSEM.	1
27	4M5317	BUSHING	1
28	5K9243	ELBOW	2

218043

CATERPILLAR 330C

6N1302 MANIFOLD SHIELD GROUP—Water Cooled—Part 1—Type 1
Serial No. 66D26832 to 66D33233 inclusive
CANNOT BE USED WITH TURBOCHARGED AFTERCOOLED ENGINE
AN ATTACHMENT

6N1302 MANIFOLD SHIELD GROUP—Water Cooled—Part 2—Type 1
 Serial No. 66D26832 to 66D33233 inclusive
 CANNOT BE USED WITH TURBOCHARGED AFTERCOOLED ENGINE
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7L495	SHIELD	1
2	2H5759	FLANGE	1
3	S1594	BOLT	4
4	5M2894	WASHER	11
5	5K9240	ELBOW	1
6	6N3676	CLAMP	1
7	1B7182	BOLT	1
8	S1585	BOLT	1
9	2M849	WASHER	1
10	6N3308	CLAMP	1
11	1V8230	SPACER	1
12	6L6580	GASKET	1
13	L1351	BOLT	1

13	6N7884	TUBE ASSEM.	1
14	2H3755	BOLT	2
15	9M1974	WASHER	1
16	6N3602	BRACKET	1
17	155	BOLT	1
18	9L6573	LUG	1
19	9M4849	SEAL	1
20	3N3161	ELBOW	1
21	2P406	GASKET	1
22	2P6132	GASKET	1
23	6N7888	SHIELD ASSEM.	1
24	S509	BOLT	6
25	8L4964	NUT (spacer)	4
26	8L4965	SUPPORT ASSEM.	1
27	7N7837	SHIELD ASSEM.	1
28	3J5390	PLUG	1

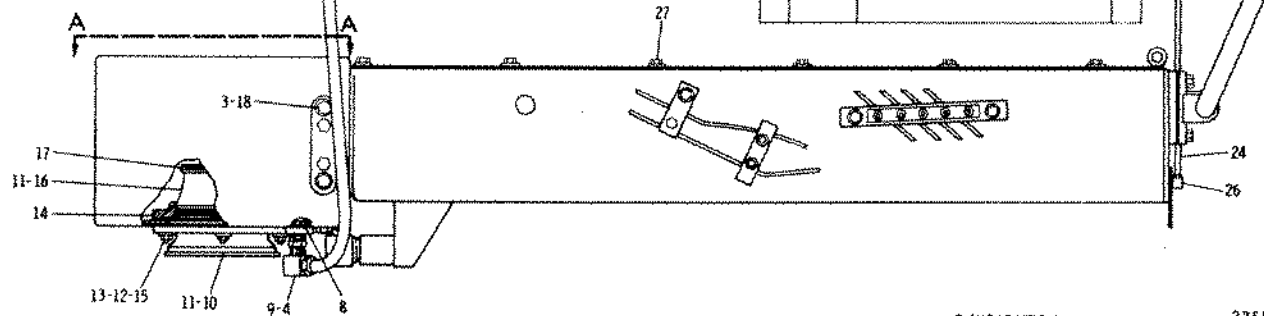
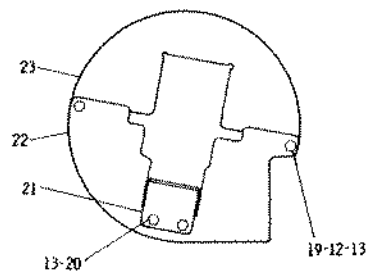
28	2N8979	TUBE ASSEM.	1
29	9S7731	TEE	1
30	3P2048	PLUG	1
31	1H1363	ELBOW	1
32	6N1481	TUBE ASSEM.	1
33	8M9024	WASHER	3
34	4B4278	WASHER	3
35	3B1915	BOLT	3
36	8B8679	SPACER	3

C INDICATES CHANGE

217902

INTAKE AND EXHAUST SYSTEM

REF NO	PART NUMBER	DESCRIPTION	QTY
1	8F8513	CLIP	1
2	6L1351	BOLT	1
2	1D4717	NUT	1
3	5M2894	WASHER	10
4	5K9240	ELBOW	2
5	584855	BUSHING	1



6	6N1115	BRACKET	1
7	4N5598	TUBE ASSEM.	1
8	2H7165	GASKET	1
9	8B2664	BUSHING	1
10	6L2731	ADAPTER	1
11	6L2732	GASKET	2
12	1B4201	NUT	8
13	5P537	WASHER	12
14	8L4099	ADAPTER ASSEM.	1
15	484184	(Includes) STUD	6
16	6L8968	COUPLING	1
17	5L8854	RING	1
17	5L8855	RING	1
18	7102	BOLT	2
19	6L1569	BOLT	2
20	51613	BOLT	2
20	6L5470	NUT	2
21	6L5257	BRACKET	1
22	8L5121	SHIELD	1
23	6L2737	SHIELD	1
24	4N5673	TUBE ASSEM.	1
25	4M5317	BUSHING	1
26	5K9243	ELBOW	2

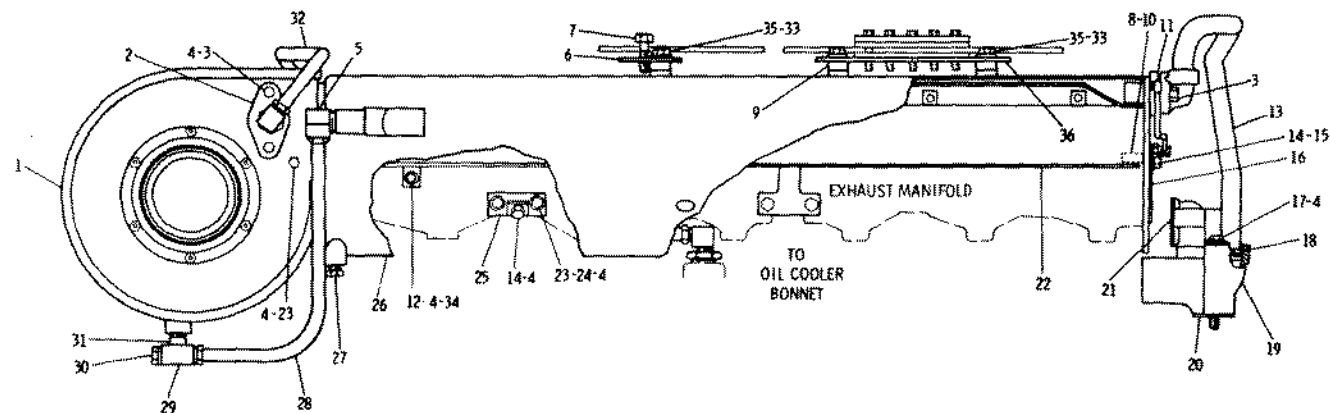
C INDICATES CHANGE

225557

6N1302 MANIFOLD SHIELD GROUP—Water Cooled—Part 1—Type 2
Serial No. 66D26832 to 66D33233 inclusive
CANNOT BE USED WITH TURBOCHARGED AFTERCOOLED ENGINE
AN ATTACHMENT

A CATERPILLAR 3300 INDUCTOR

6N1302 MANIFOLD SHIELD GROUP—Water Cooled—Part 2—Type 2
 Serial No. 66D26832 to 66D33233 inclusive
 CANNOT BE USED WITH TURBOCHARGED AFTERCOOLED ENGINE
 7N3987 Fuel Injection Lines parts are shown on Page 235. AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7L495	SHIELD	1
2	2H5759	FLANGE	1
3	S1594	BOLT	4
4	5M2894	WASHER	11
5	5K9240	ELBOW	1
6	6N3676	CLAMP	1
7	1B7182	BOLT	1
8	S1585	BOLT	1
9	2M849	WASHER	1
10	1V8230	SPACER	1
11	6L6580	GASKET	1
12	L1351	BOLT	1

C 13	8N3741	TUBE ASSEM.	1
14	2H3755	BOLT	2
15	9M1974	WASHER	1
16	6N3602	BRACKET	1
17	T55	BOLT	1
18	5L6573	LUG	1
19	9M4849	SEAL	1
20	3N3161	ELBOW	1
21	2P6132	GASKET	1
22	6N7888	SHIELD ASSEM.	1
23	S509	BOLT	6
24	8L4964	NUT (spacer)	4
25	8L4965	SUPPORT ASSEM.	1
26	7N7837	SHIELD ASSEM.	1
27	3J5390	PLUG	1

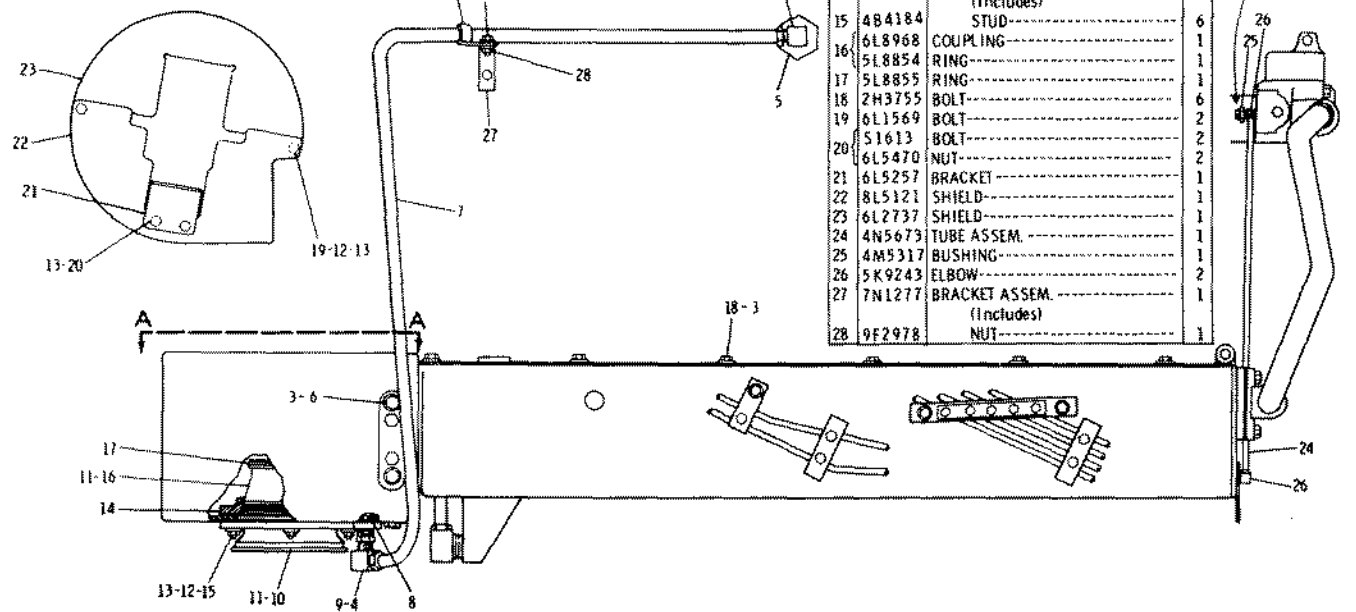
▲ USE AS REQUIRED

28	2N8979	TUBE ASSEM.	1
29	9S7731	TEE	1
30	3P2048	PLUG	1
31	1H1363	ELBOW	1
32	6N1481	TUBE ASSEM.	1
33	8M9024	WASHER	3
34	4B4278	WASHER	3
35	3B1915	BOLT	3
36	7N3987	LINES GROUP	1
(Separate Illustration)			

C INDICATES CHANGE

225556

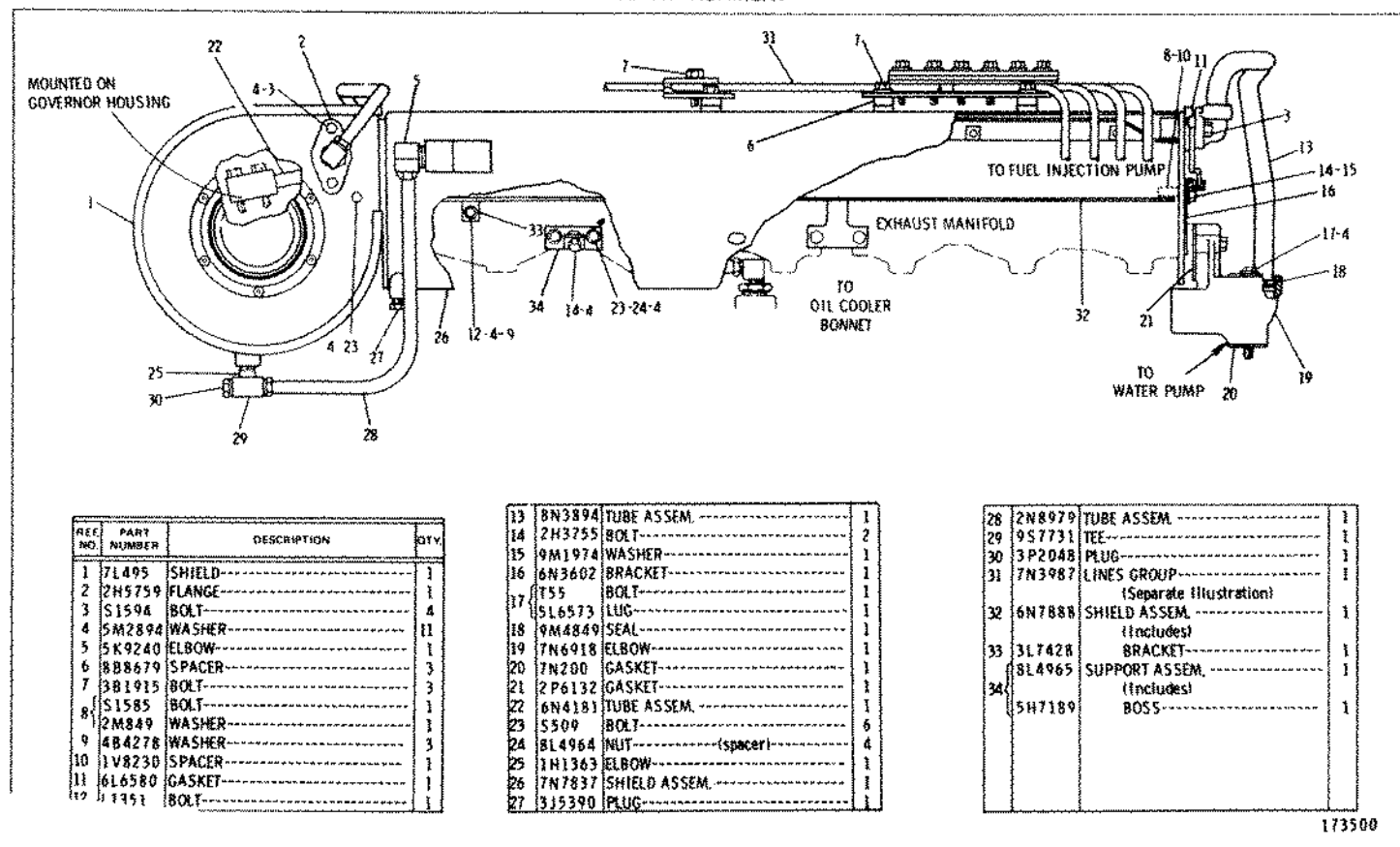
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8F8513	CLIP	1
2	L1351	BOLT	1
3	5M2894	WASHER	9
4	5K9240	ELBOW	2
5	5B4855	BUSHING	1



6	T102	BOLT	2
7	4N5598	TUBE ASSEM.	1
8	2H7165	GASKET	1
9	8B2664	BUSHING	1
10	6L2731	ADAPTER	1
11	6L2732	GASKET	2
12	1B4201	NUT	8
13	5P537	WASHER	12
14	8L4099	ADAPTER ASSEM.	1
		(Includes)	
15	4B4184	STUD	6
16	6L8968	COUPLING	1
17	5L8854	RING	1
18	5L8855	RING	1
19	2H3755	BOLT	6
20	6L1569	BOLT	2
21	51613	BOLT	2
22	6L5470	NUT	2
23	6L5257	BRACKET	1
24	8L5121	SHIELD	1
25	6L2737	SHIELD	1
26	4N5673	TUBE ASSEM.	1
27	4M5317	BUSHING	1
28	5K9243	ELBOW	2
	7N1277	BRACKET ASSEM.	1
		(Includes)	
	9F2978	NUT	1

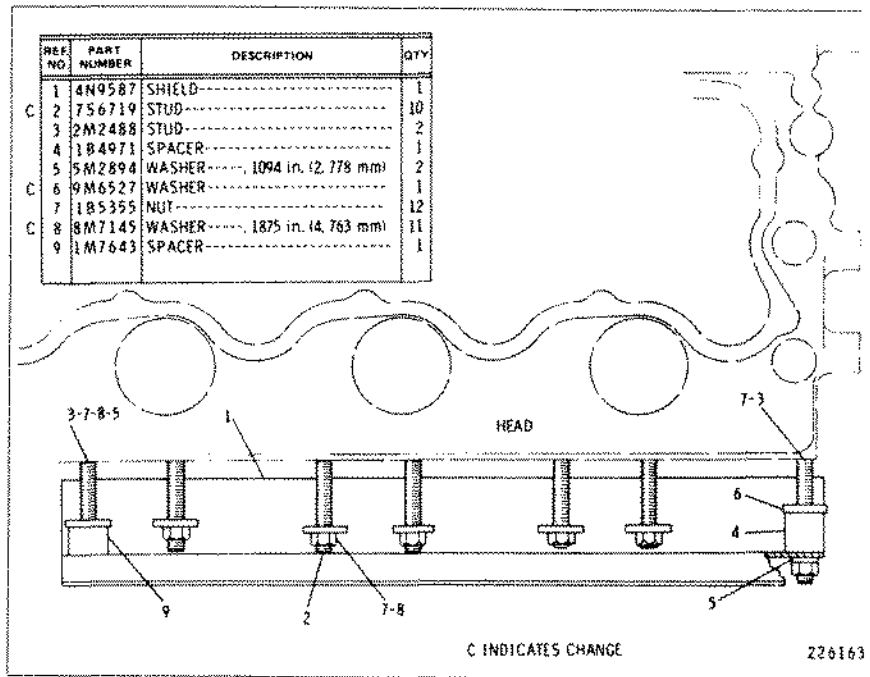
8N865 MANIFOLD SHIELD GROUP—Water Cooled—Part 1
Serial No. 66D33234—Up. AN ATTACHMENT

8N865 MANIFOLD SHIELD GROUP—Water Cooled—Part 2
 Serial No. 66D33234—Up
 7N3987 Fuel Injection Lines parts are shown on Page 235
 AN ATTACHMENT

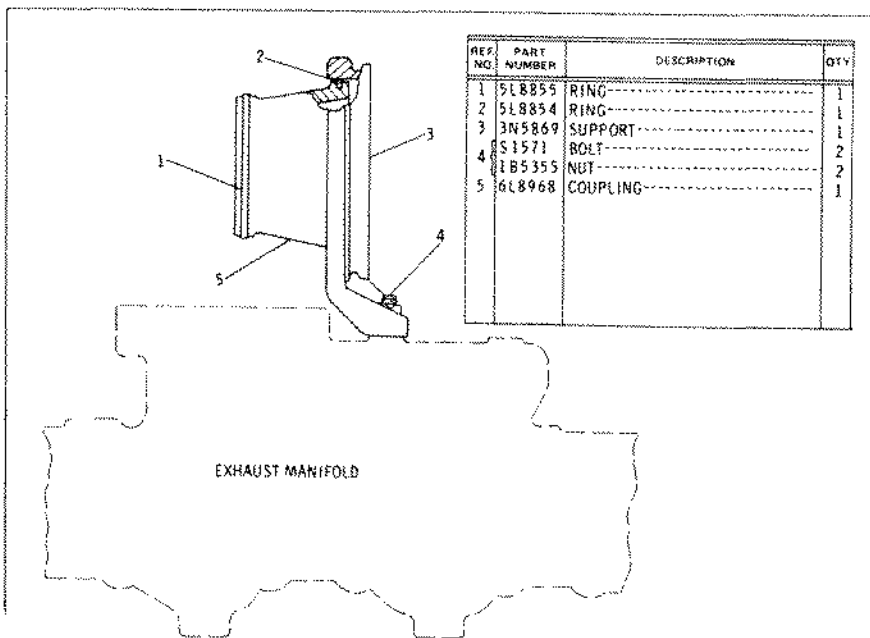


INTAKE AND EXHAUST

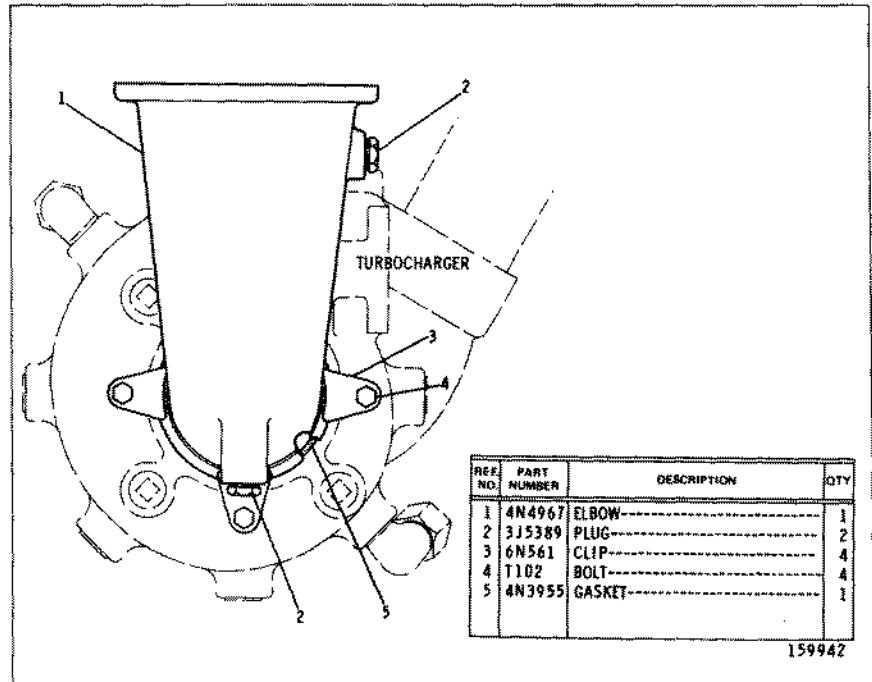
INTERPILLAR 3306 INDUSTRIAL ENGINE



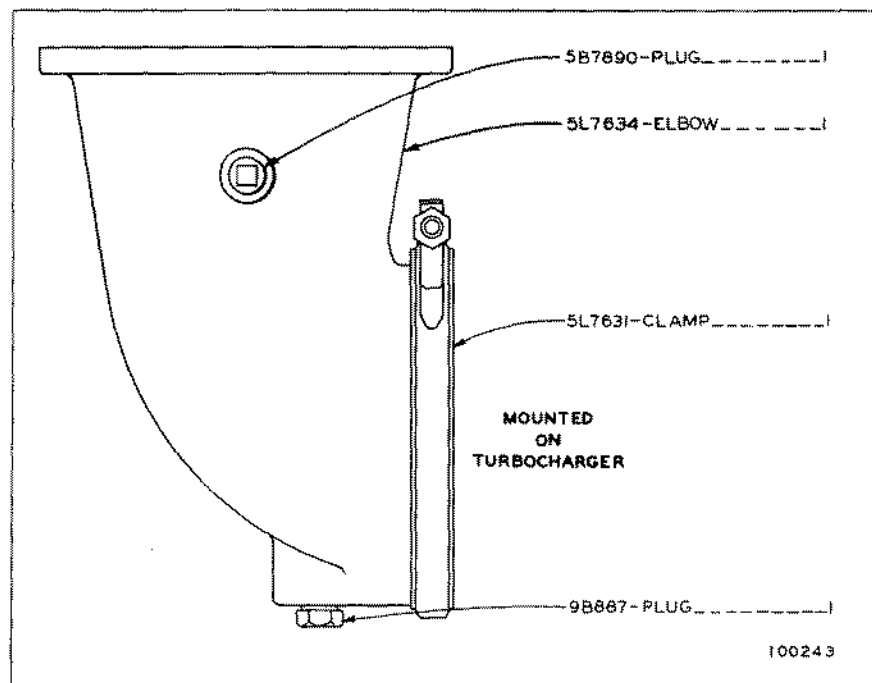
4N9586 EXHAUST MANIFOLD FASTENER GROUP



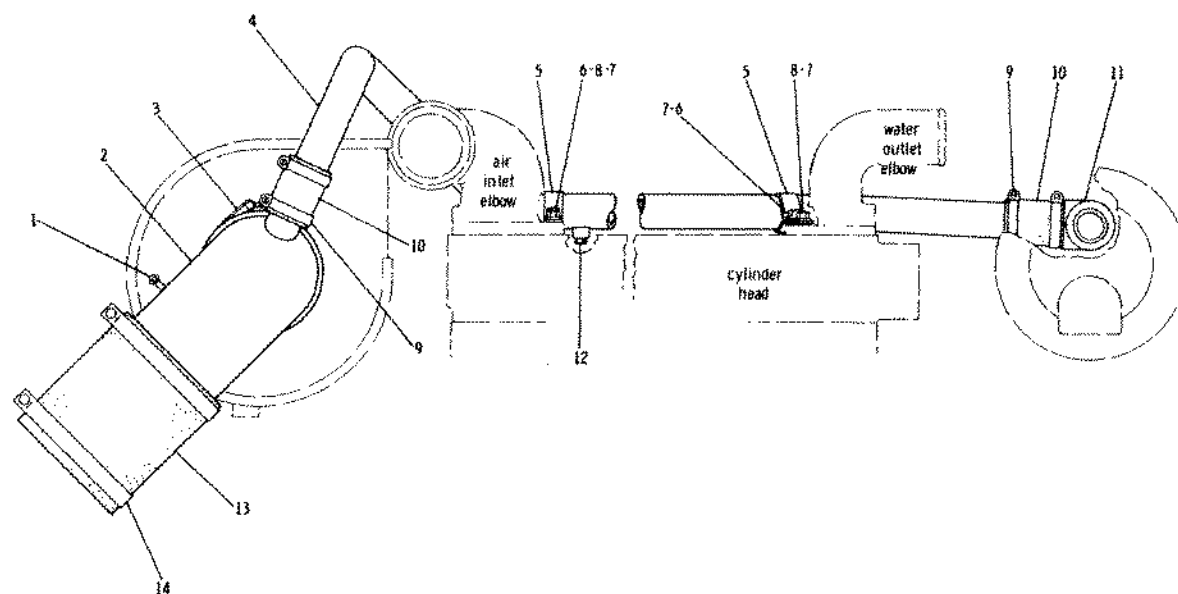
3N5870 EXHAUST ELBOW ADAPTER GROUP—Steiger Turbocor



6N6093 EXHAUST ELBOW GROUP
FOR USE WITH WATER COOLED TURBOCHARGER
AN ATTACHMENT



5L7661 EXHAUST ELBOW GROUP—5 in.
FOR USE WITH WATER COOLED HOT TURBOCHARGER



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5L4126	NUT	1
2	8L5274	ELBOW	1
3	5L7631	CLAMP	1

4	3N6071	TUBE ASSEM.	1
5	8L5251	CLIP	2
6	1L1351	BOLT---.875 in. (22.23 mm) long	2
7	1D4717	NUT	2
8	5M2894	WASHER	7
9	3B1915	BOLT---1.375 in. (34.93 mm) long	2
10	9M164	CLAMP	4
CA 10	5P1256	HOSE---15.24 cm (6 in.)	1

C INDICATES CHANGE

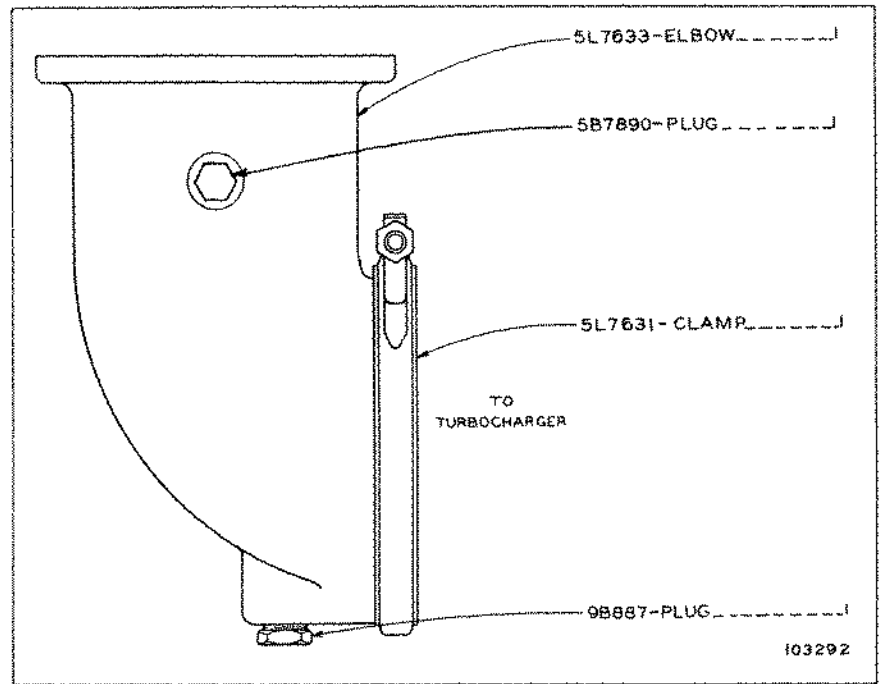
11	5L7931	ELBOW	1
12	4L2768	PLUG	1
13	5L6926	HOSE	1
C 14	5P600	CLAMP	2

A ORDER BY THE CENTIMETRE

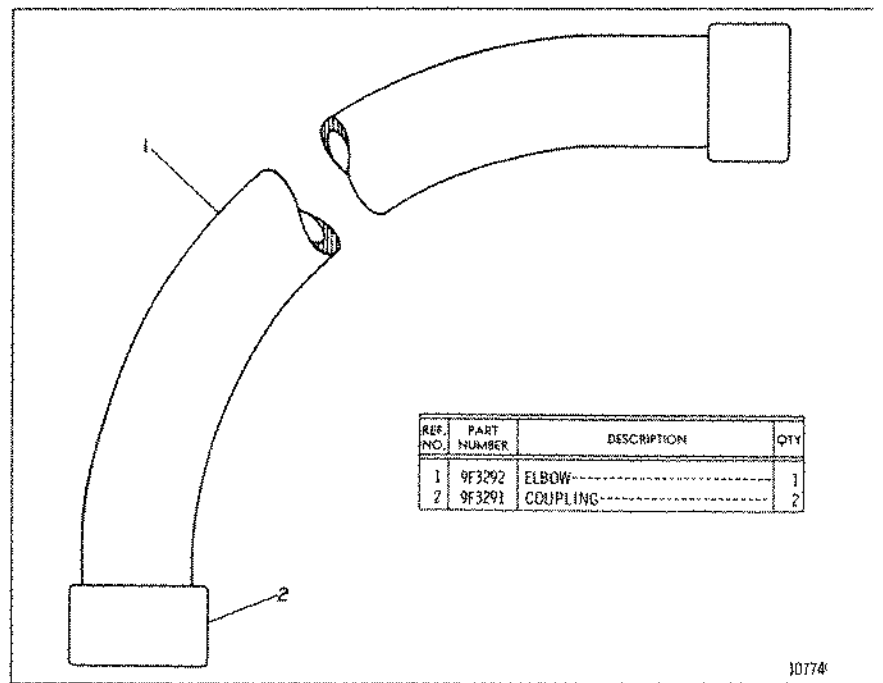
204125

3N6073 EXHAUST ELBOW GROUP—Water Cooled
AN ATTACHMENT

3N6073 EXHAUST ELBOW GROUP—Water Cooled
AN ATTACHMENT

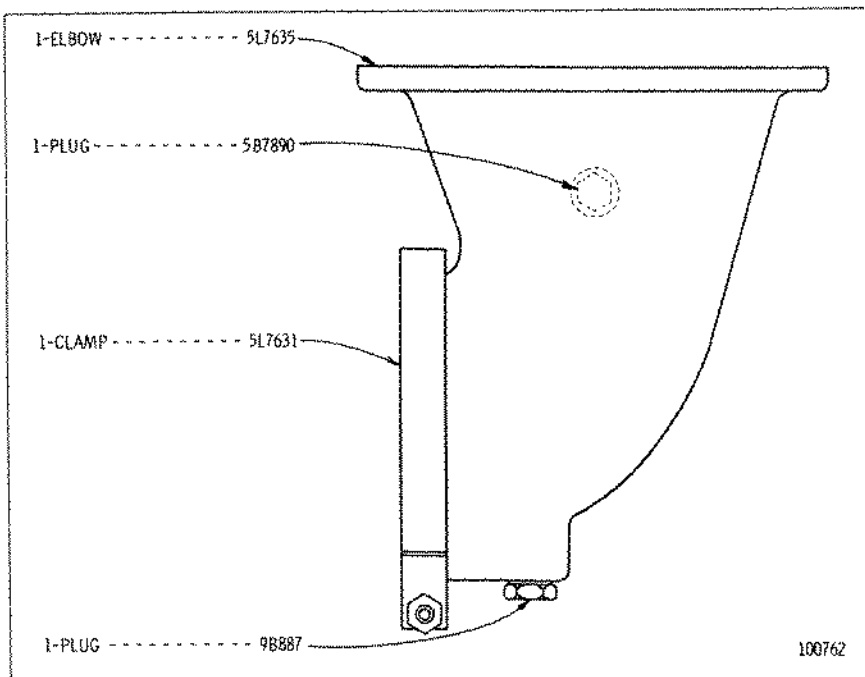


5L7660 EXHAUST ELBOW GROUP—4 inch (102 mm)
AN ATTACHMENT

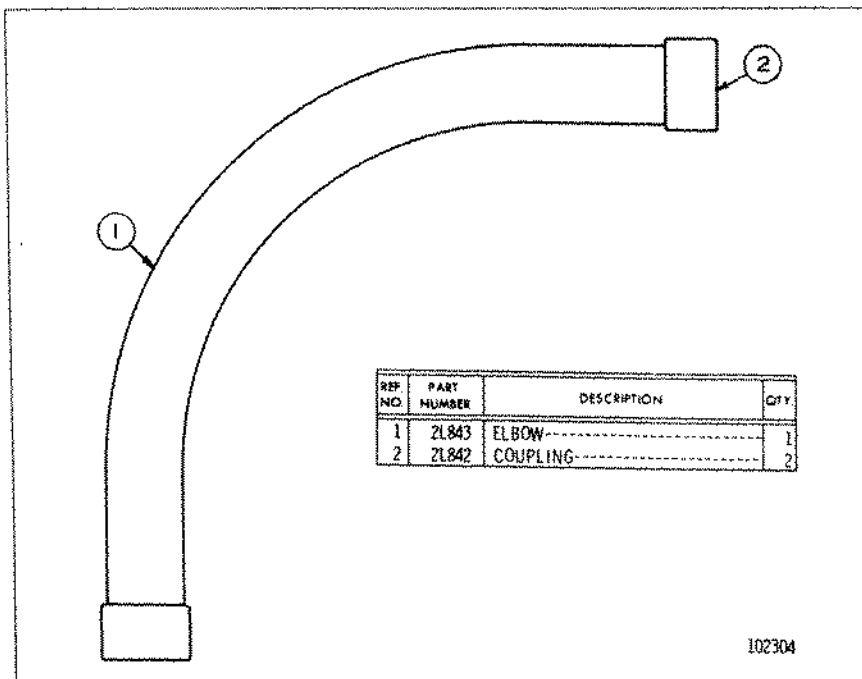


2N1273 EXHAUST ELBOW GROUP—90 Degree Bend—5 inch (127 mm)
AN ATTACHMENT

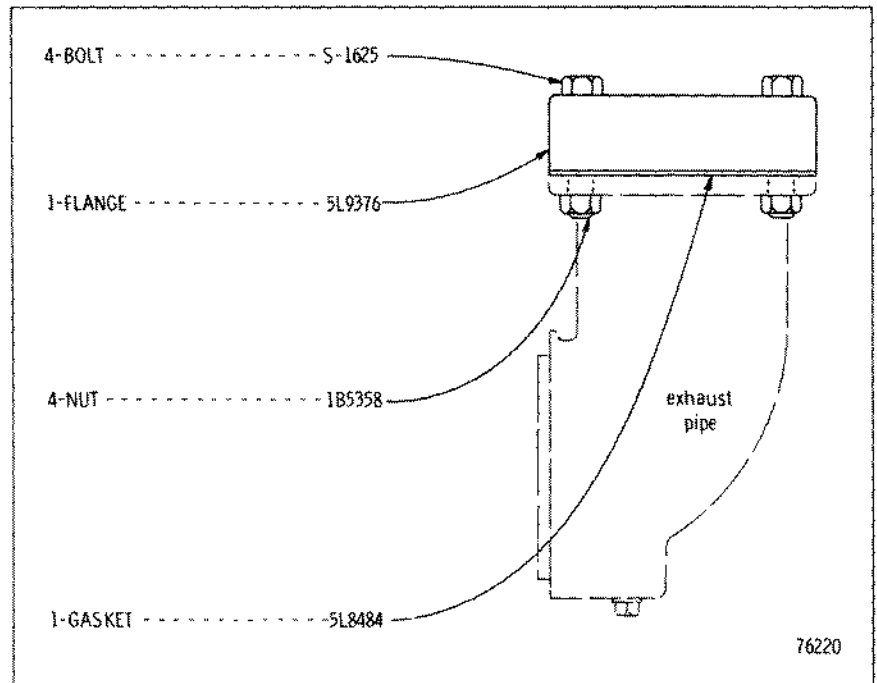
INDUSTRIAL ENGINE



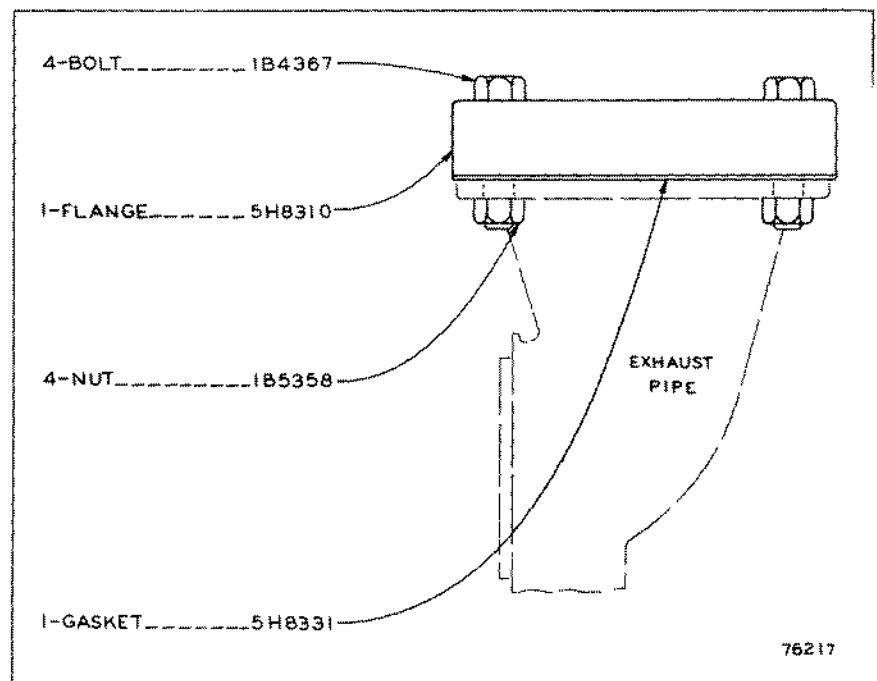
6L2927 EXHAUST ELBOW GROUP—6 Inch (152 mm)
AN ATTACHMENT



7L447 EXHAUST ELBOW GROUP—90 Degree Bend—6 Inch (152 mm)
AN ATTACHMENT

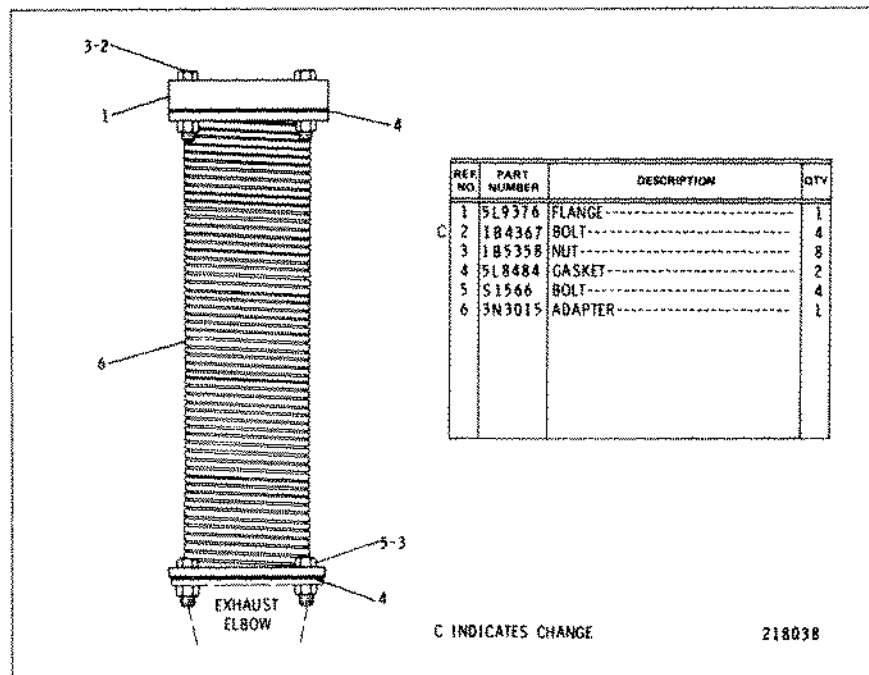


5L9377 EXHAUST FITTING GROUP—5 inch (127 mm)
AN ATTACHMENT

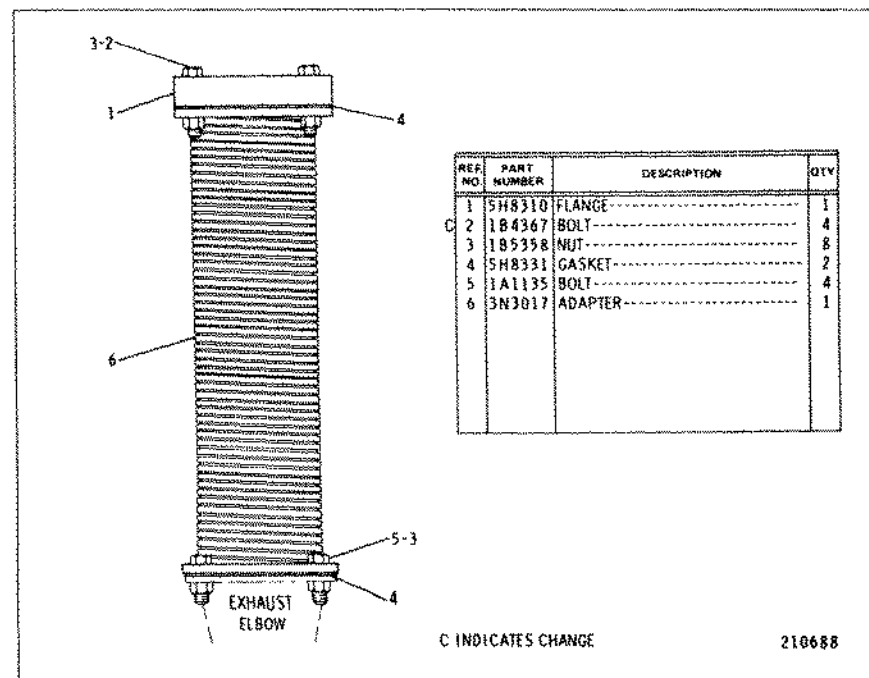


5L8601 EXHAUST FITTING GROUP—6 inch (152 mm)
FOR USE WHEN 166 H.P. TO MAXIMUM H.P. IS SPECIFIED
AN ATTACHMENT

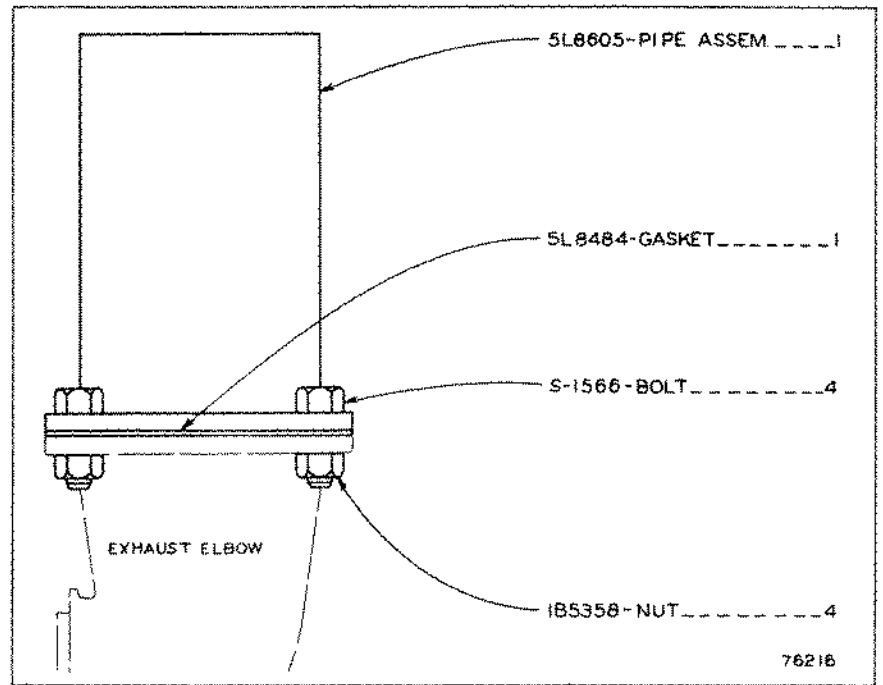
LEAK 3306 INDUSTRIAL ENGINE



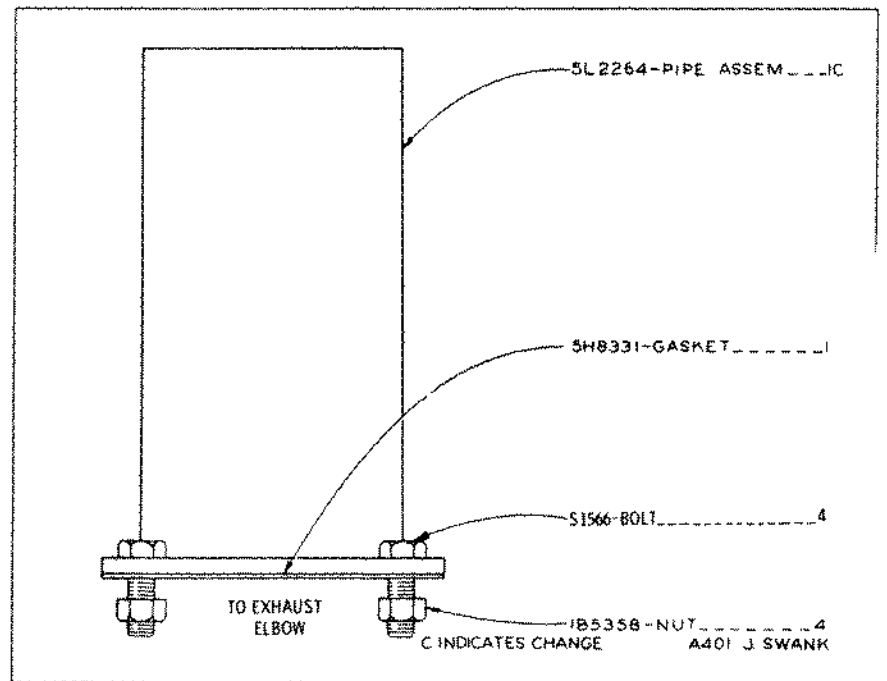
3N3016 VERTICAL EXHAUST FITTING GROUP—5 Inch (127 mm)
AN ATTACHMENT



3N3018 VERTICAL EXHAUST FITTING GROUP—6 Inch (152 mm)
AN ATTACHMENT

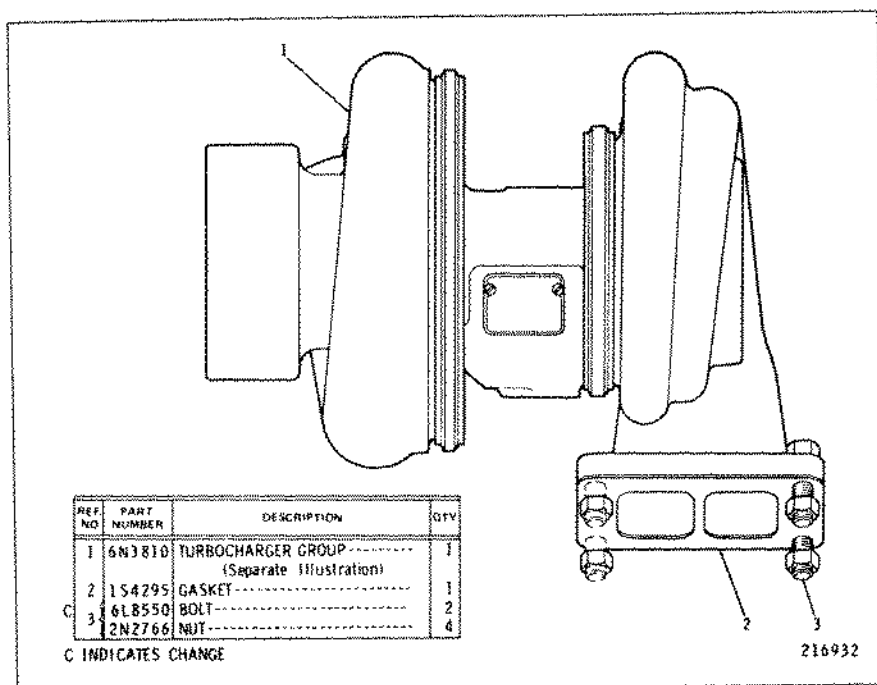


5L8632 EXHAUST PIPE GROUP—5 Inch (127 mm)
AN ATTACHMENT

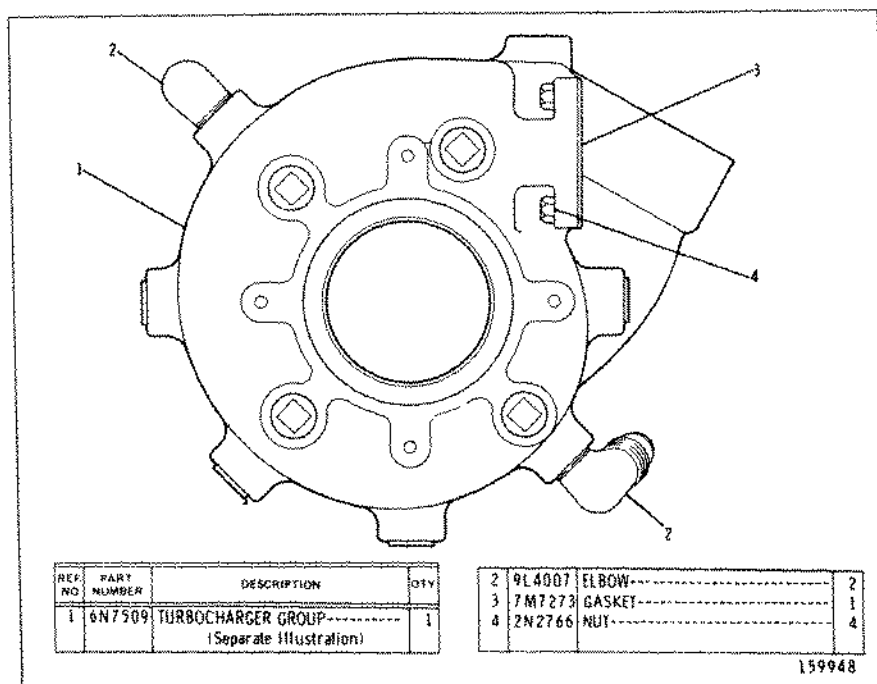


4L5801 EXHAUST PIPE GROUP—6 Inch (152 mm)
AN ATTACHMENT

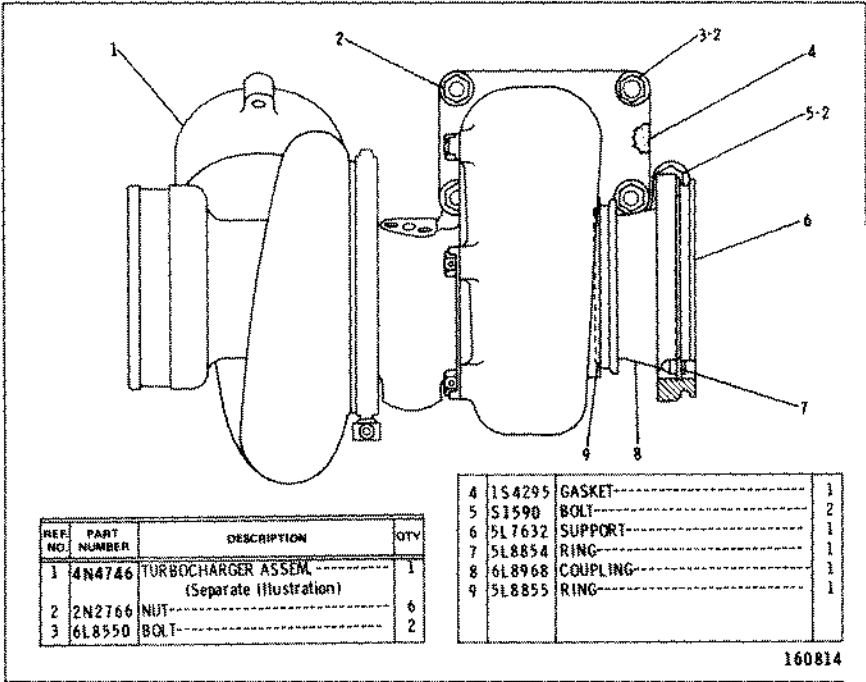
6N3810 INDUSTRIAL ENGINE



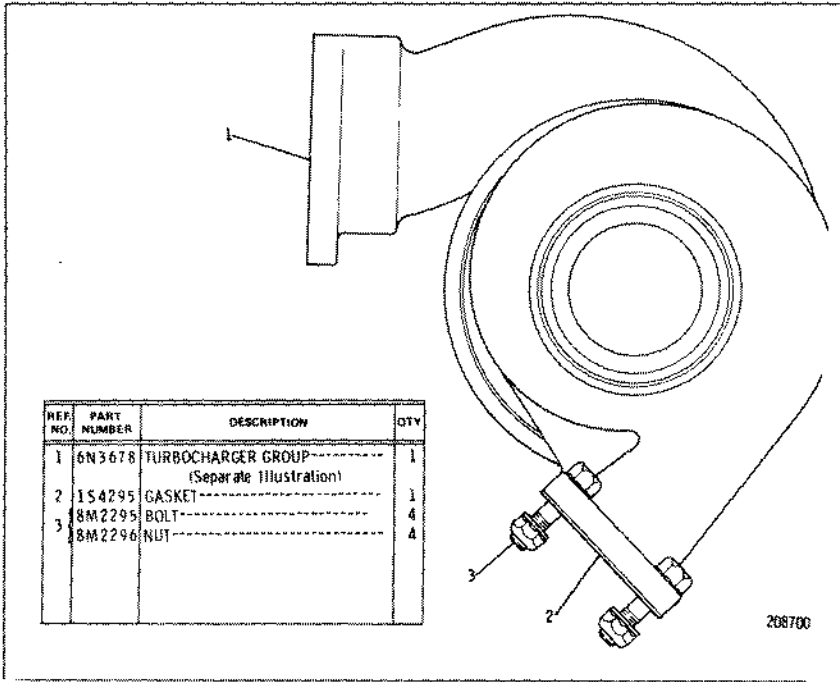
6N3744 TURBOCHARGER GROUP
6N3810 Turbocharger parts are shown on Page 150



6N5961 TURBOCHARGER GROUP
6N7509 Turbocharger parts are shown on Page 150

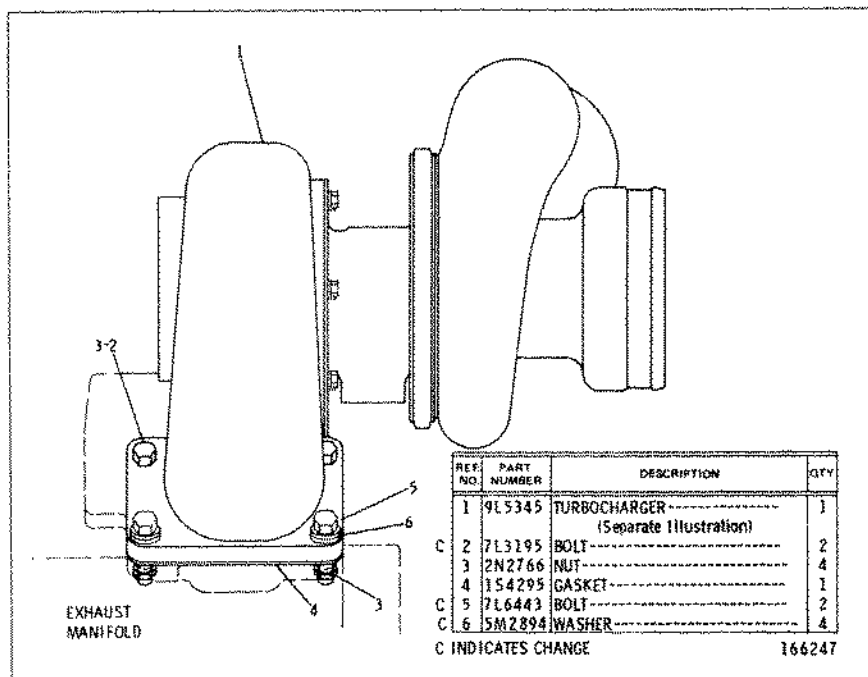


6N9296 TURBOCHARGER GROUP
4N4746 Turbocharger parts are shown on Page 153

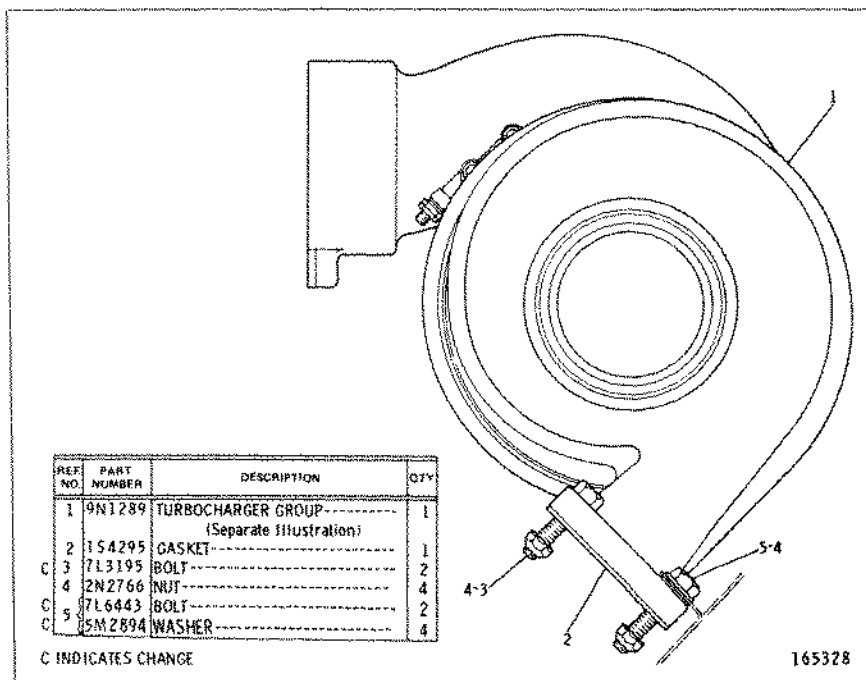


6N3678 TURBOCHARGER GROUP

INDUSTRIAL ENGINE

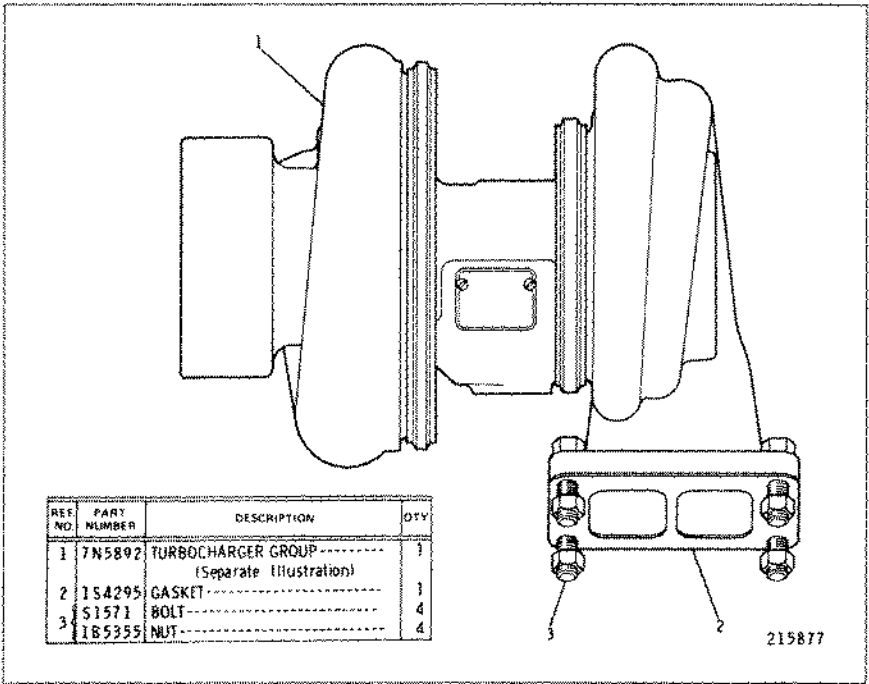


9L5802 TURBOCHARGER GROUP
9L5345 Turbocharger parts are shown on Page 149

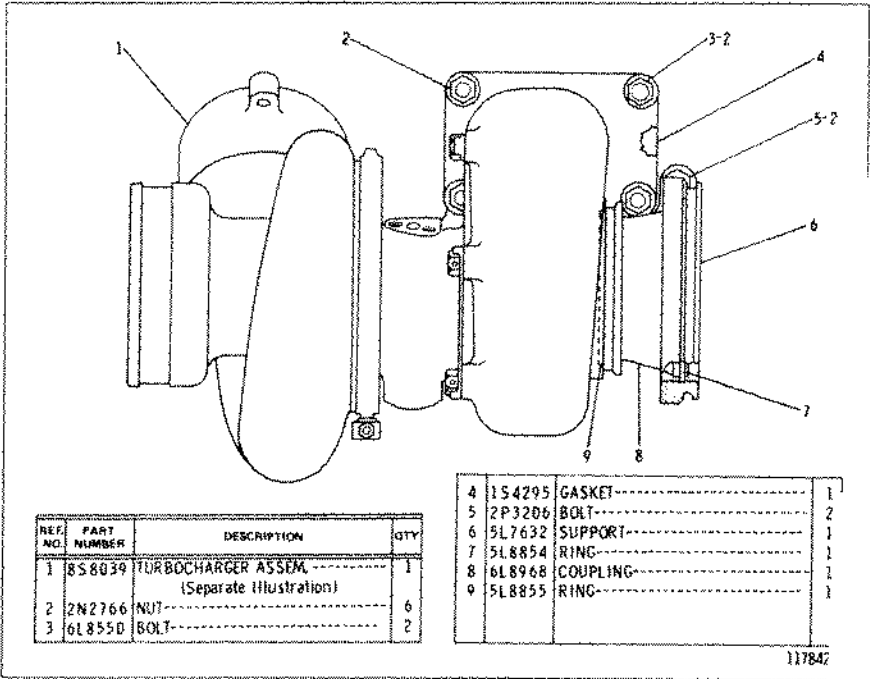


9N1290 TURBOCHARGER GROUP
9N1289 Turbocharger parts are shown on Page 155

INTAKE AND EXHAUST

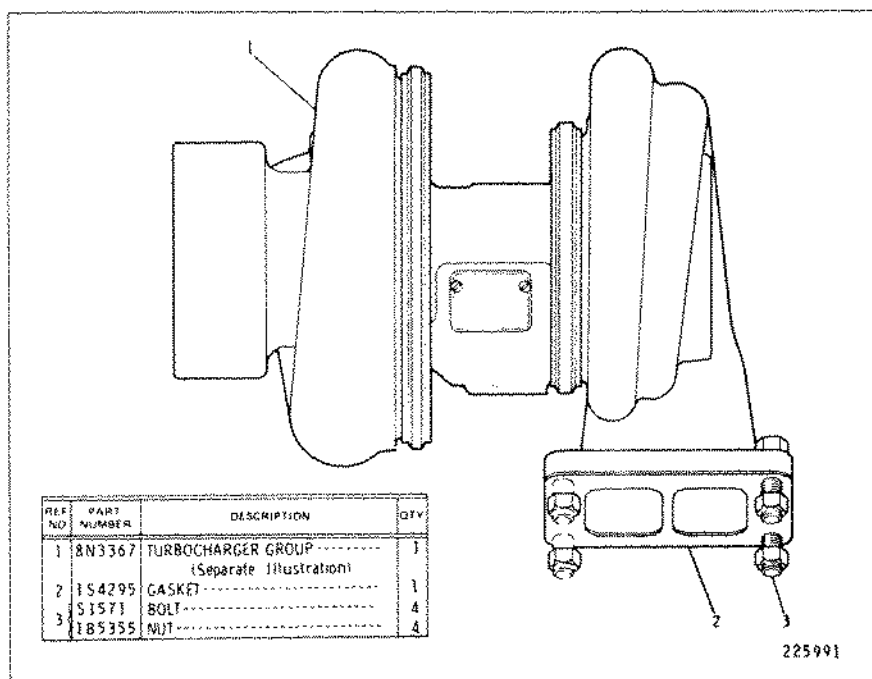


7N5890 TURBOCHARGER GROUP
7N5892 Turbocharger parts are shown on Page 156

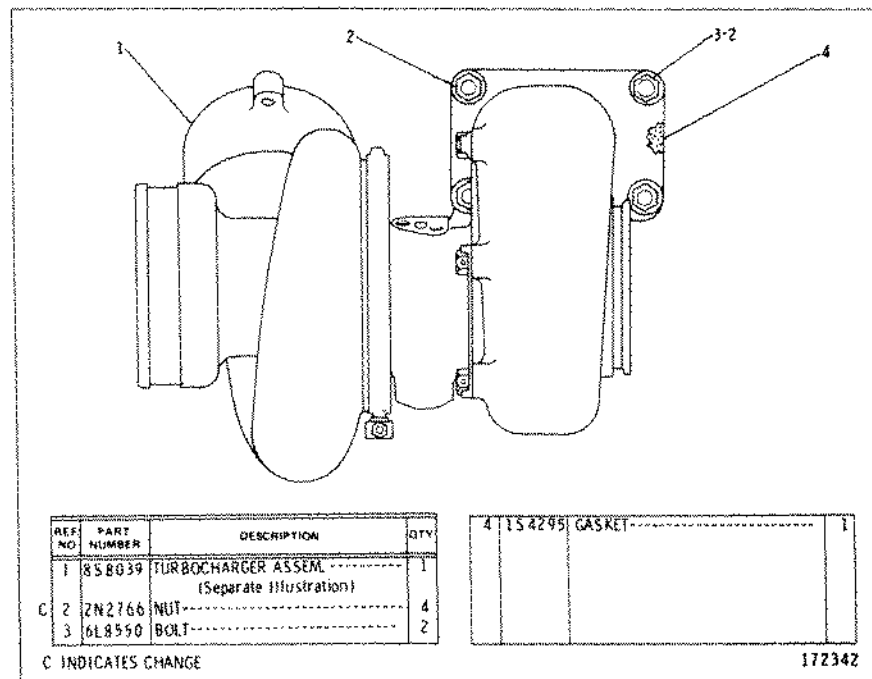


3N2882 TURBOCHARGER GROUP
Serial No. 66D26832 to 66D26999 inclusive
parts are shown on Page 149

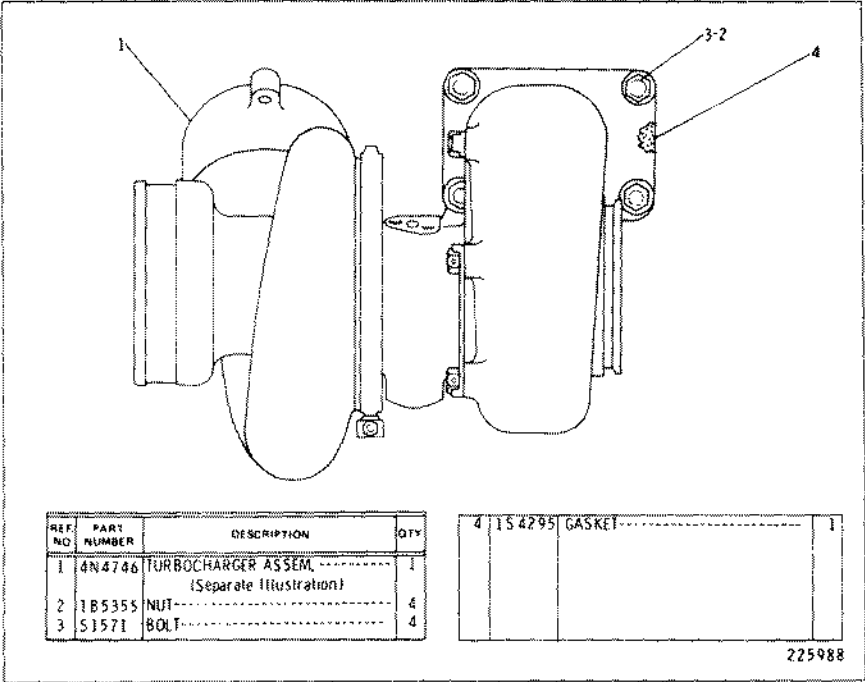
8N3306 INDUSTRIAL ENGINE



8N3382 TURBOCHARGER GROUP
8N3367 Turbocharger parts are shown on Page 150A

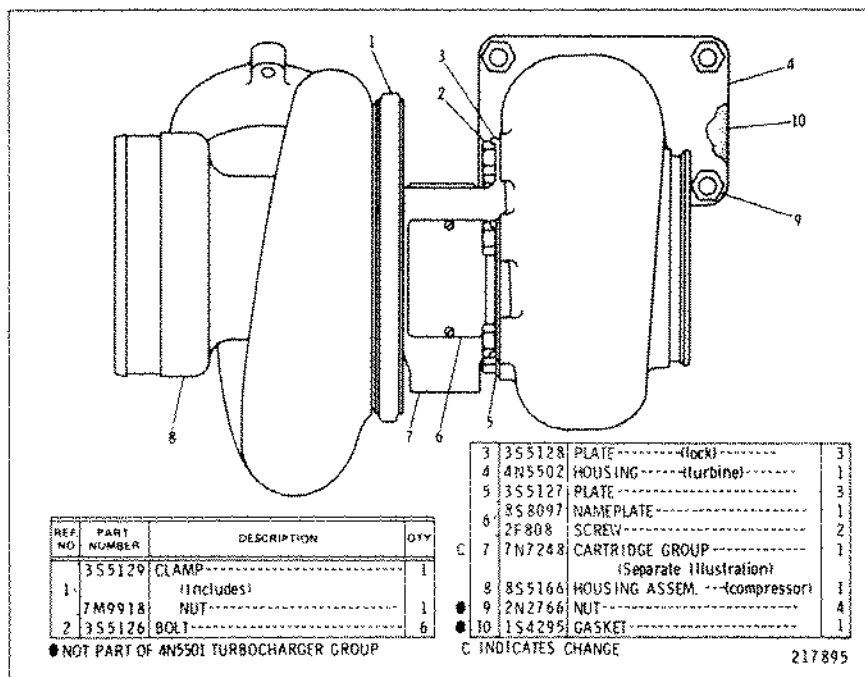


3N2882 TURBOCHARGER GROUP
Serial No. 66D27000—Un
8S8039 Turbocharger

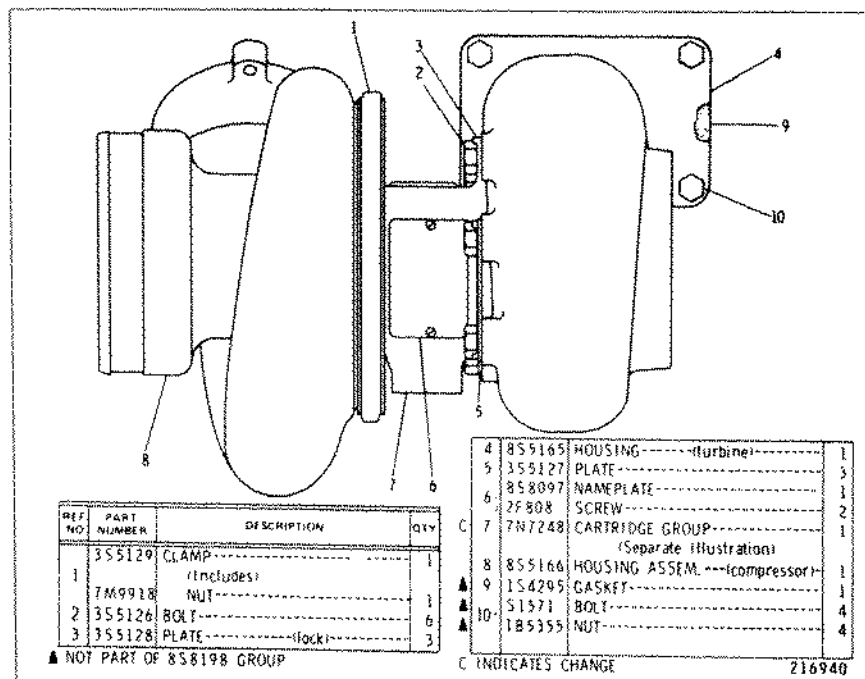


8N4172 TURBOCHARGER GROUP
4N4746 Turbocharger parts are shown on Page 153

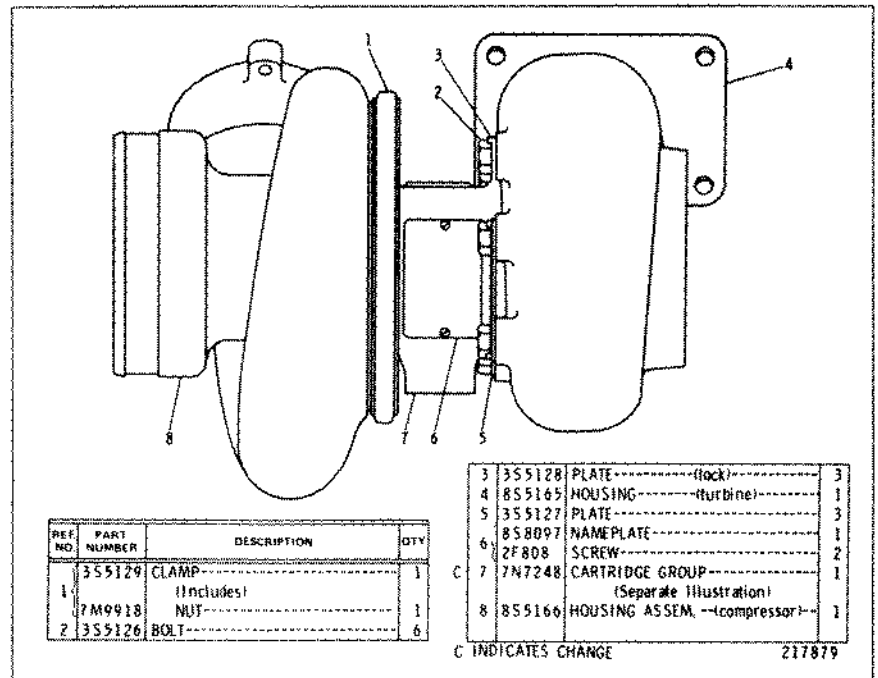
CATERPILLAR 3306 INDUSTRIAL ENGINE



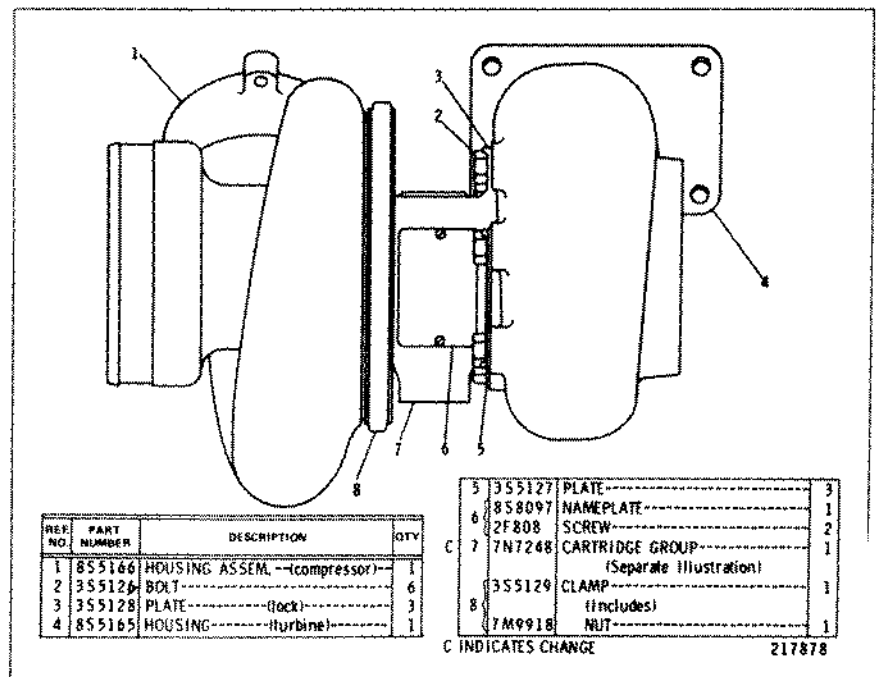
4N5501 TURBOCHARGER GROUP (3N3280 N/S)
7N7248 Cartridge parts are shown on Page 158



8S8198 TURBOCHARGER GROUP (8S8200 N/S)—Replaced by
8S8039 shown on Page 140
7N7248 Cartridge parts are shown on Page 158



8S8039 TURBOCHARGER GROUP—Field Installation
Also part of 3N2882 Turbocharger Group shown on Page 147
7N7248 Cartridge parts are shown on Page 158



9L5345 TURBOCHARGER GROUP
Part of 9L5802 Turbocharger Group shown on Page 146
7N7248 Cartridge parts are shown on Page 158