

TO THERMOSTAT HOUSING

TO WATER PUMP

"A"

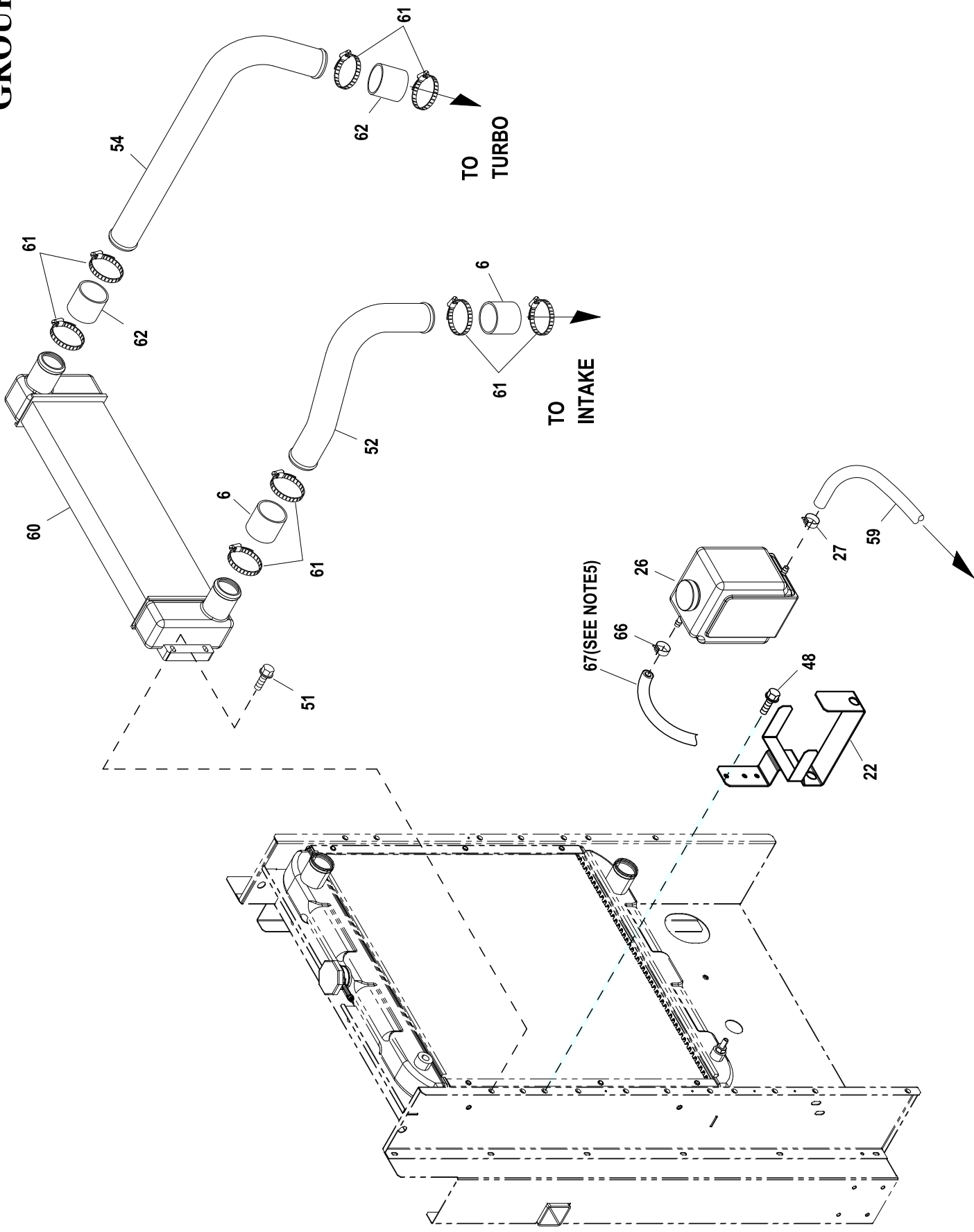
TO CRANKSHAFT ADAPTER

REFER TO BEARING PRESS NOTE.

This exploded view diagram illustrates the assembly of a water pump. The main components are labeled with numbers 1 through 63. Key features include:

- Water Pump Housing (1):** The central component, shown in an exploded view with its cover (2).
- Impeller (10):** The rotating part of the pump, shown with its mounting flange (9) and shaft (11).
- Shaft (11):** The central rotating shaft, which is supported by bearings (12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63).
- Cranksheet Adapter (19):** The component that connects the pump shaft to the engine's crankshaft.
- Thermostat Housing (16):** The component that houses the thermostat.
- Water Pump (17):** The component that circulates the coolant.
- Labels:** "TO THERMOSTAT HOUSING", "TO WATER PUMP", "TO CRANKSHAFT ADAPTER", and "REFER TO BEARING PRESS NOTE."

GROUP D



EXPLODED VIEW:

DRAWING #:

GROUP

ITEM	PART#	QTY.	DESCRIPTION
1	0H30830ST03	1	WELDMENT RADIATOR SUPPORT C2
2	10000041323	1	RADIATOR 598 X 568 X 49 CPL RH
3	0E3256	1	V-BELT A58 (60IN O.C.) DDC S60
4	G046526	5	WASHER LOCK M10
(1) 5	G059981	4	SCREW HHC M10-1.5 X 30 G10.9
6	0A5259A	2	HOSE 2"ID X 3.0"LG
7	0F5050A	1	SHIELD RADIATOR C4
(3) 8	0H2844	2 (REF)	BEARING SLEEVE 1/2" X 3/4 X 1
9	0F2573	1	PULLEY FAN V-GROOVE 9"
10	0F4011	1	FAN COOL 22" DIA 10 BLADE LH
11	0H20620ST03	1	ARM BELT TENSIONER
(1) 12	0H2051	1	SHOULDER BOLT 1/2 X 2-1/4"
13	0F2862	1	SPRING TENSION CPL
14	0F2560	1	PULLEY V-BELT 4" FLANGED
15	G022131	4	WASHER FLAT 3/8-M10 ZINC
16	0E2507	1	PROBE COOLANT LEVEL 3/8 NPTF
	0H1827	1	PROBE COOLANT LEVEL 3/8-18NPTF
17	G035685	2	CLAMP HOSE #28 1.32-2.25
18	0F2561	1	HUB FLEX PLATE
19	0C8145	8	WASHER FLEX (THIN)
20	G052250	2	TAPE FOAM 1 X 1 (26.75" LG)
21	0C7043	12	DISK FLEX
22	0L01050ST0R	1	BRACKET COOLANT TANK
23	G022473	8	WASHER FLAT 1/4-M6 ZINC
(1) 24	0C8146	4	SCREW HHC 5/16-24 X 1.124
25	G022097	16	WASHER LOCK M6-1/4
26	G076749	1	TANK COOLANT RECOVERY
(2) 27	048031C	2(REF)	CLAMP HOSE BAND 1/4
28	G031971	1	BEARING #6205 2NSE C3 E SRI2 S
29	0H0696	1	PULLEY 7.5" DIA MACHINED
(1) 30	G042911	1	SCREW HHC M10-1.5 X 30 G8.8
31	0F2872	1	SCREW HHC 1/2-13 X 2" G8
32	G022304	1	WASHER FLAT 1/2 ZINC
33	G022195	1	WASHER LOCK 1/2
34	G022196	1	NUT HEX 1/2-13 STEEL
35	0F8651	8	SCREW HHFC M8-1.25 X 20 W/M6
36	G052677	1	WASHER NYLON .50 X .87 X .06
37	0F9867	1	SHAFT FAN DRIVE
38	0F2461	1	RETAINER BEARING
39	G022145	13	WASHER FLAT 5/16-M8 ZINC
40	G022129	9	WASHER LOCK M8-5/16
(1) 41	G039287	1	SCREW HHC M8-1.25 X 45 C8.8
42	G082774	1	KEY WOODRUFF 4 X 19D
43	0G0795	1	HOSE LOWER RADIATOR G2
44	0G0816	1	HOSE UPPER RADIATOR G2 (USED WITH MANFLD P/N 0G0707)
	0H1546	1	HOSE UPPER RADIATOR G2 (USED WITH MANFLD P/N 0G8488)
45	G049813	8	NUT HEX M6 X 1.0 G8 YEL CHR
46	G052644	1	SPACER .5 X 1.5 X .25 STL/ZINC
47	0C8566	16	SCREW HHFC M6-1.0 X 20 G8.8
48	0C2454	4	SCREW THF M6-1 X 16 N WA Z/JS
49	G090283	1	CAP RADIATOR 13 PSI
50	0G53150AL0R	1	SPACER CPL COOLING FAN 1/8"
51	0C2454B	4	SCREW THF M6-1 X 30 N WA DELTA
52	0G3989	1	TUBE CAC OUT G2 TURBO
53	G039253	2	SCREW HHC M8-1.25 X 20 C8.8
54	0H0750	1	TUBE CAC IN
55	G049820	2	NUT HEX LOCK M8-1.25 NY INS
56	0H30880ST03	1	BRACKET TENSIONER SPRING
57	G099502	2	CLAMP HOSE #24 B1.06-2.00
58	0C8165	2	NUT HEX LOCK 5/16-24 NY INS
59	G029032	1	HOSE 9/32 ID (36"LG)
60	0G3762	1	CAC 504W X 152H X 50D 2.4L G2
61	0G1285C	8	CLAMP CNST TENSION 1.75-2.625
62	071296A	2	HOSE 2"ID X 3.0"LG
(4) 63	0H1851	1	ASSY PCB LCL SENSOR (USE WITH I/N 16, P/N 0H1827 ONLY)

EXPLODED VIEW:**DRAWING #:****GROUP**

ITEM	PART#	QTY.	DESCRIPTION
64	029333A	9	TIE WRAP UL 7.4" X .19" BLK (NOT SHOWN)
65	0D3700	8	NUT FLANGE M6-1.0 NYLOK
66	048031C	1	CLAMP HOSE BAND .50
67	G029032	1	HOSE 9/32 ID (27"LG)
68	G085662	2	TIE WRAP UL 14.6 X .14 BLK(NOT SHOWN)

BEARING PRESS NOTE:

APPLY LOCTITE 620 BEARING RETAINMENT COMPOUND TO BEARING SURFACE ON ITEM 37 PRIOR TO PRESSING ITEM 28 ONTO ITEM 37.

ALSO APPLY LOCTITE 620 BEARING RETAINMENT COMPOUND TO THE OUTSIDE OF 28 PRIOR TO INSTALLING ITEM 28 INTO ITEM 38.

(1) APPLY MEDIUM STRENGTH BLUE THREAD LOCKING FLUID TO THREADS.

(2) INCLUDED WITH I/N 26.

(3) ITEM 8 IS INCLUDED WITH ITEM 1.

(4) USE WITH R-200 CONTROL PANEL ONLY.

(5) FASTEN HOSE TO RADIATOR SUPPORT USING TIE WRAP I/N 68. DIRECT HOSE TOWARD BASE OF UNIT.