

Diagram illustrating the assembly of a water pump system, showing various components and their connections. Key components and labels include:

- TO THERMOSTAT HOUSING**: Indicated by an arrow pointing to the connection point for the pump outlet.
- TO WATER PUMP**: Indicated by an arrow pointing to the connection point for the pump inlet.
- TO CRANKSHAFT ADAPTER**: Indicated by an arrow pointing to the connection point for the pump drive.
- Assembly Notes**:
 - 5(NOTE 5)**: Refers to the fan assembly.
 - 24(NOTE 5)**: Refers to the crankshaft adapter.
 - 31(NOTE 5)**: Refers to the bearing assembly.
 - 38(NOTE 4) 3**: Refers to the bearing assembly.
 - 46(NOTE 5) 30**: Refers to the bearing assembly.
 - 59 63**: Refers to the bearing assembly.
 - 64 40 35**: Refers to the bearing assembly.
 - 62 (SEE NOTE 3)**: Refers to the thermostat housing.
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Additional labels and notes include:

- 1**: Main pump housing.
- 2**: Pump cover.
- 3**: Fan assembly.
- 4**: Fan blades.
- 5**: Fan hub.
- 6**: Fan mounting bracket.
- 7**: Fan mounting plate.
- 8**: Fan mounting screw.
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EXPLODED VIEW: EV COOLING SYSTEM 2.4L G2 C2

DRAWING #: 0L1286

GROUP D

ITEM	PART#	QTY.	DESCRIPTION
1	0H30830ST0R	1	WELDMENT RADIATOR SUPPORT C2
2	A0003167505	1	RAD G2.4L TURBO CPL PLASTIC TANKS
	10000041323	1	RADIATOR 598 X 568 X 49 CPL RH
(4)3	0F5263	1	V-BELT 31/64" X 57-3/8"
	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	048031J	1	CLAMP HOSE BAND .63
7	0F5050A	1	SHIELD RADIATOR C4
8	G029032	1	HOSE 9/32 ID (36"LG)
9	0F2573	1	PULLEY FAN V-GROOVE 9"
10	0F4011	1	FAN COOL 22" DIA 10 BLADE LH
11	0H20620ST0R	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	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	0C8165	2	NUT HEX LOCK 5/16-24 NY INS
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
27	048031C	1	CLAMP HOSE BAND .50
28	G031971	1	BEARING #6205 2NSE C3 E SRI2 S
(4) 29	0F4496	1	PULLEY 4.5" DIA MACHINED
	0H1599A	1	PULLEY 7.5" DIA MACHINED
(1) 30	G042911	1	SCREW HHC M10-1.5 X 30 G8.8
(1) 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	G099502	2	CLAMP HOSE #24 B1.06-2.00
37	0F9867	1	SHAFT FAN DRIVE
38	0F2461	1	RETAINER BEARING
39	G022145	5	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	0H1546	1	HOSE UPPER RADIATOR G2
45	G049813	8	NUT HEX M6 X 1.0 G8 YEL CHR
46	G052644	1	SPACER .5 X 1.5 X .25 STL/ZINC
(1) 47	0C8566	16	SCREW HHFC M6-1.0 X 20 G8.8
48	0C2454	3	SCREW THF M6-1 X 16 N WA Z/JS
49	G090283	1	CAP RADIATOR 13 PSI
50	0L01050ST0R	1	BRACKET COOLANT TANK
51	052677	1	WASHER NYLON .50 X .87 X .06
52	0H30880ST0R	1	BRACKET TENSIONER SPRING
53	G039253	2	SCREW HHC M8-1.25 X 20 C8.8
(2) 54	0H2844	2 (REF)	BEARING SLEEVE 1/2 X 3/4 X 1
55	G049820	2	NUT HEX LOCK M8-1.25 NY INS
56	0G53150AL0R	1	SPACER CPL COOLING FAN 1/8"
57	069860C	1	HOSE OIL DRAIN ASSY 21"
58	G065852	1	SPRING CLIP HOLDER .37-.62
59	0D3700	8	NUT FLANGE M6-1.0 NYLOK

EXPLODED VIEW: EV COOLING SYSTEM 2.4L G2 C2**DRAWING #: 0L1286****GROUP D**

ITEM	PART#	QTY.	DESCRIPTION
60	045764	1	SCREW HHTT M4-0.7 X 8 ZP
61	085662	3	TIE WRAP UL 14.6 X .14 BLK (NOT SHOWN)
62	029032	1	HOSE 9/32 ID (27"LG)
63	026850	8	WASHER LOCK EXT 1/4 STL
64	G058653	8	WASHER FLAT M8
65	G040173	2	CLAMP HOSE #5.5 .62-.62

NOTES (UNLESS OTHERWISE SPECIFIED):

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) ITEM 54 IS INCLUDED WITH ITEM 1.

(3) FASTEN HOSE TO RADIATOR SUPPORT USING TIE WRAP I/N 61. DIRECT HOSE TOWARD BASE OF UNIT.

(4) USE P/N'S 0F5263 AND 0F4496 FOR 36KW AND 45KW UNITS. USE P/N'S 0E3256 AND 0H1599A FOR 32KW UNITS.

(5) TORQUE VALUES: (FOR REFERENCE ONLY)

ITEM # 5 – 35 ft-lbs.

ITEM # 24 – 18 ft-lbs.

ITEM # 30 – 35 ft-lbs.

ITEM # 31 – 78 ft-lbs.

ITEM # 41 – 18 ft-lbs.

ITEM # 47 – 8 ft-lbs.

(6) ALL STANDARD HARDWARE TO BE TORQUED PER EDS001.

ITEM	PART#	QTY.	DESCRIPTION
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