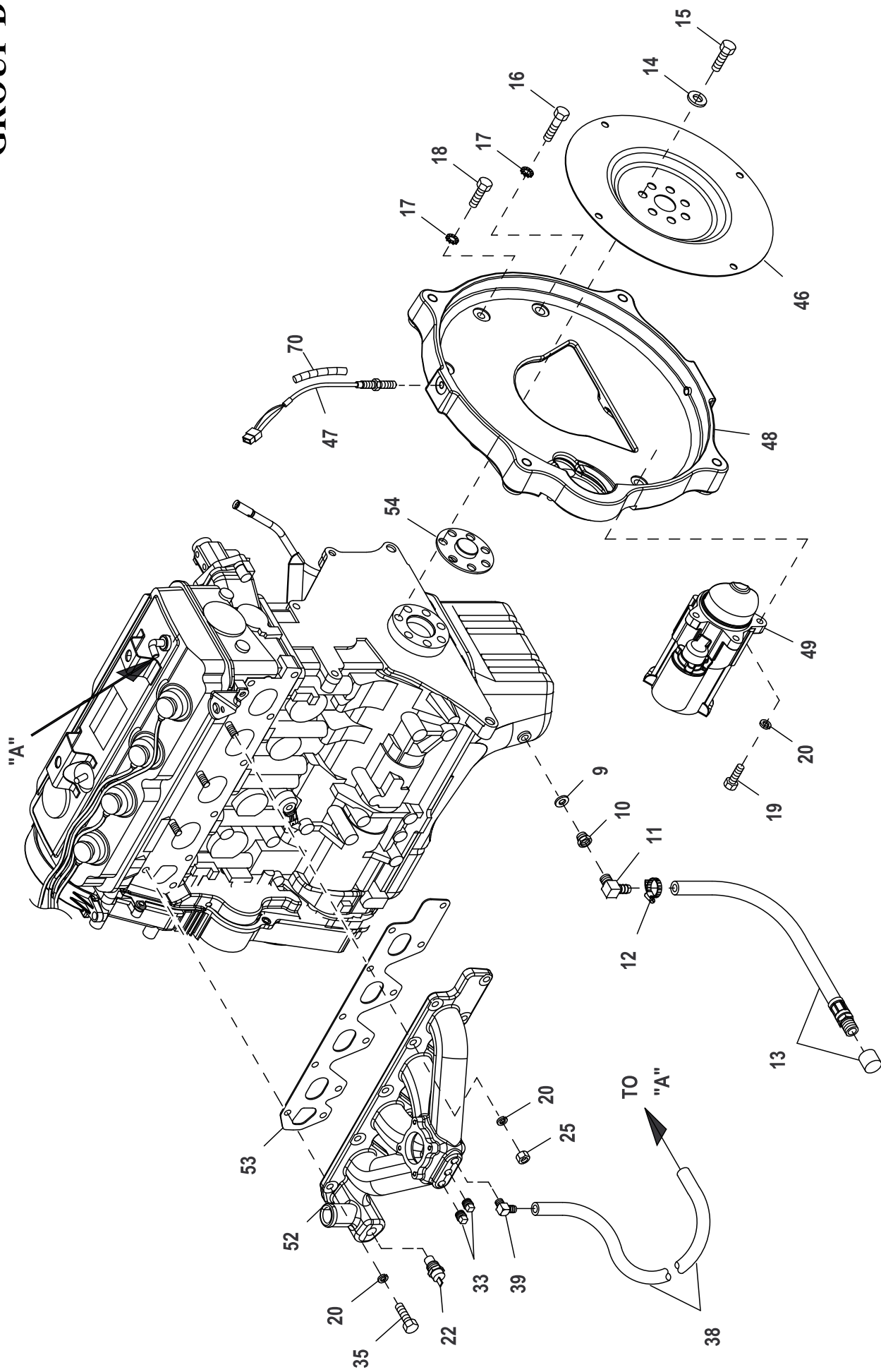


GROUP D



This exploded view diagram illustrates the assembly of a 1.8L engine. The main components shown include the engine block (1), cylinder head (2), intake manifold (3), timing belt (4), and various sensors and actuators. The diagram is annotated with numerous callouts and assembly instructions:

- INDICATION MARK:** A circular inset shows a close-up of a mark on the engine block.
- REMOVE & REPLACE:** Two arrows point to specific bolts on the engine block.
- REMOVE AND REPLACE (1):** An arrow points to a bolt on the timing belt assembly.
- Hot:** A label on the engine block indicates a hot surface.
- Assembly Instructions:**
 - Install the timing belt (4) and tensioner (5) onto the engine block (1) and cylinder head (2).
 - Install the intake manifold (3) and throttle body (6) onto the engine block (1).
 - Install the various sensors and actuators (e.g., 7, 8, 9, 10, 11, 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, 64, 65, 66, 67, 68, 69, 70, 71) onto the engine block (1) and cylinder head (2).

EXPLODED VIEW: ENGINE COMMON PRT 2.4L G2 45KW

DRAWING #: 0H7322

GROUP D

APPLICABLE TO:

ITEM	PART#	QTY.	DESCRIPTION
1	0H1619	1	ENGINE 2.4L G2 CERTIFIED
2	046526	4	WASHER LOCK M10
3	039414	4	SCREW HHC M8-1.25 X 35 G8.8
4	0G0149	1	SCREW SHC M14-1.5 X 35 G10.9
(4)5	0E9868A	1	ALTERNATOR DC W/OUT PULLEY
6	0F3217	1	SPACER DC ALTERNATOR PULLEY
7	042574	1	ADAPTOR 1/8 NPTF TO 1/8 BSPT
8	0H7435	1	HARN LOW OIL PRESS SWITCH ASSY
9	057772	1	WASHER NYLON .565
10	057765	1	ADAPTER M14-1.50 X 3/8 NPT
11	043790	1	BARBED EL 90 3/8 NPT X 3/8
12	0C7649	1	CLAMP HOSE .38-.87
13	069860E	1	HOSE DRAIN ASSY 28"
14	063076	7	WASHER FLAT .531 ID X 1.062 OD
15	0G1394	7	SCREW HHC M12-1.25 X 20 G10.9
16	052830	2	SCREW HHC M10-1.25 X 45 G8.8
17	025507	5	WASHER SHAKEPROOF EXT 7/16 STL
18	062963	3	SCREW HHC M10-1.25 X 30 G8.8
19	049821	3	SCREW SHC M8-1.25 X 30 G12.9
20	022129	26	WASHER LOCK M8-5/16
21	0D6029	3	SCREW THF M6-1 X 16 N WA Z/JS
22	0E0502	1	TEMPERATURE SENDER
23	022145	5	WASHER FLAT 5/16-M8 ZINC
24	0H6859H	1	ASSY DIPSTICK W/TEXT GTH-530
25	045771	3	NUT HEX M8-1.25 G8 CLEAR ZINC
26	022131	3	WASHER FLAT 3/8-M10 ZINC
27	0G8427A	1	ASSY DIPSTICK TUBE 2.4 G2
28	046525	2	NUT HEX M10-1.25 G8 YEL CHR
29	058306	7	SCREW SHC M8-1.25 X 25 G12.9
30	022097	3	WASHER LOCK M6-1/4
31	022473	3	WASHER FLAT 1/4-M6 ZINC
32	043116	3	SCREW HHC M6-1.0 X 12 G8.8
33	026073A	2	PLUG STD PIPE 1/4 STEEL SQ HD
34	0E4507	1	SCREW HHC M10-1.5 X 120 C8.8
35	0A8258	9	SCREW HHC M8-1.25 X 25 G10.9
(1) 36	0A45310244	1(REF)	FILTER 1.5L/2.4L G2 OIL
37	0G8853	4	COIL-2.4L G2 IGNITION
38	047290	1	HOSE 3/8 ID SINGLE BRAID (15" LG)
39	049340	1	BARBED EL 90 1/4 NPT X 3/8
40	052265	1(REF)	SCREW HHC M8-1.25 X 65 C8.8
41	0G3823	1	O-RING SIZE 9.0MM X 2.0MM NITR
42	052213	1	SCREW HHC M10-1.25 X 20 C8.8
43	034413	8	SCREW HHM #10-32 X 1-1/4
(1) 44	0G0951	1(REF)	GASKET EXHAUST MANIFOLD
45	0G3910	1	EXHAUST MANIFOLD G2 (MACHINE)
46	0F9965E	1	FLEX PLATE 2 POLE 2.4L G2
47	0D2244M	2	ASSY MAGPICKUP(3/8-24 MALE)
48	0F9420	1	ADAPTER ENGINE 2.4L MACHINE
49	0G7461	1	STARTER MOTOR 12V
50	0G1472A	1	CAM SENSOR PIN ASSY
51	0G1476	1(REF)	COVER CAM GEAR G2 REWORKED
52	0G8488	1	MANIFOLD INTAKE (MACHINED)
(1) 53	0G0950	1(REF)	GASKET INTAKE MANIFOLD
54	0F9583	1	SPACER 2.4L G2 FLEX PLATE
55	0G92210AS0R	1	SHIELD HEAT
56	0G0792A	1	SHIELD HEAT SML
57	0G8852	1	BRACKET ASM-2.4L COIL G2
58	022152	8	WASHER LOCK #10
59	0F9501	1	ADAPTER 2.4L CRANKSHAFT MACH
(1) 60	0G0952	1(REF)	POLY V-BELT G2
61	0G0788	1	PULLEY DC ALTERNATOR
62	023897	8	WASHER FLAT #10 ZINC
(3) 63	0G9520	1(REF)	PLUG TAPER
64	0G8854	1	SPARK PLUG WIRE SET 2.4L G2 IG
(1) 65	052203	1(REF)	SCREW HHC M8-1.25 X 70 G8.8
66	077043H	2	CONDUIT FLEX .25"ID
67	0G7313	REF	DECAL EMISSION CTRL INFO 2.4L
68	0H6689	1	HARN ENG G2.4L G2 NEXUS

EXPLODED VIEW: ENGINE COMMON PRT 2.4L G2 45KW

DRAWING #: 0H7322

GROUP D

APPLICABLE TO:

ITEM	PART#	QTY.	DESCRIPTION
69	029333A	3	TIE WRAP UL 7.4"X .19" BLK
(2) 70	0H0015	1	HARN EMISSIONS OVERLAY 2.4L (NOT SHOWN)
71	045772	1	NUT HEX M10-1.5 G8 YEL CHR

(1) SUPPLIED WITH ENGINE.

(2) CALIFORNIA EMISSIONS COMPLIANT MODELS ONLY

(3) APPLY LOCTITE 620 BEARING RETAINMENT COMPOUND TO I/N 72.

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