

# **PARTS MANUAL**

**Models**

**PTD206T & PTD306  
Pumps**

PUB-PP1234  
Rev. 12/99



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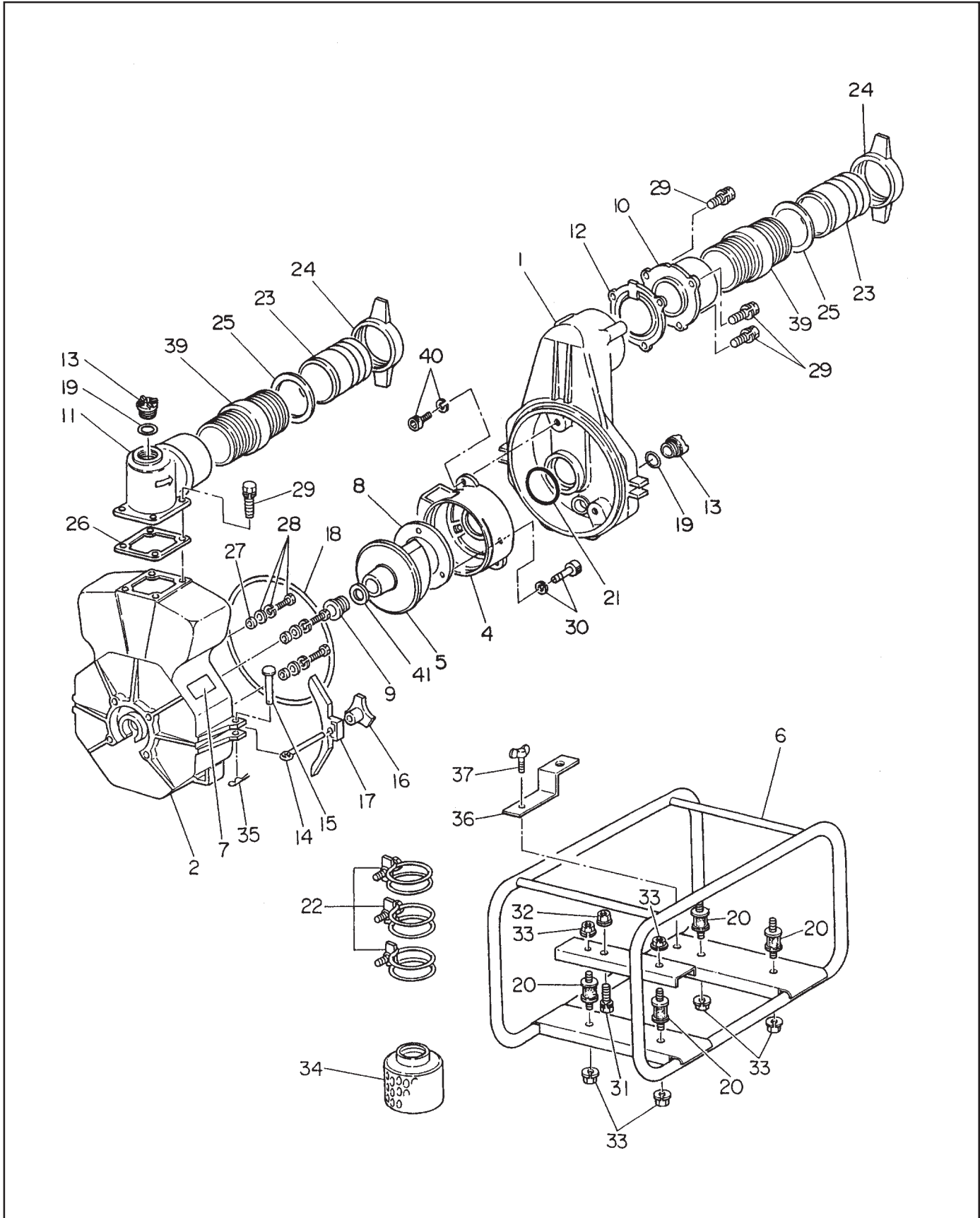
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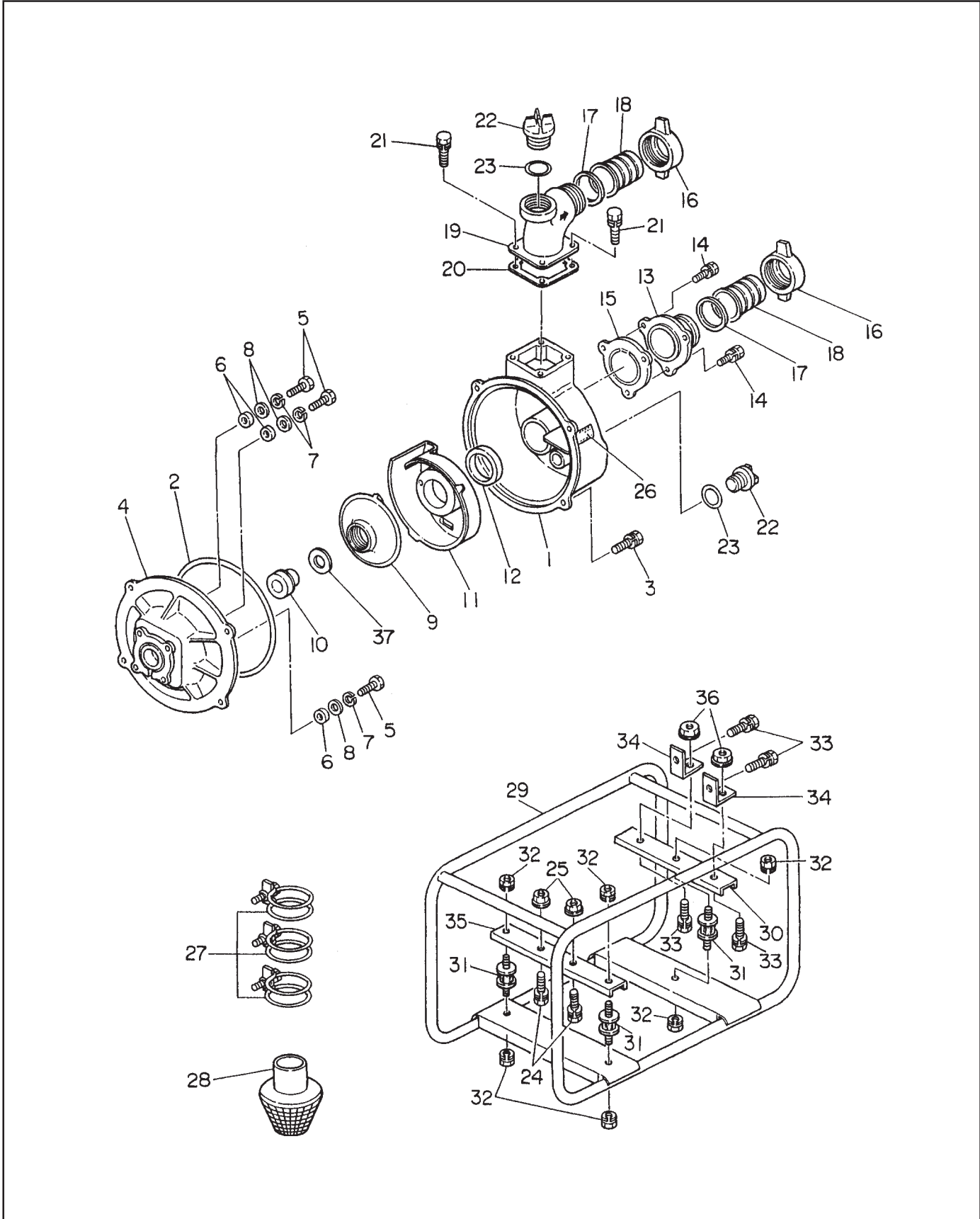
FIG. 1A PUMP - PTD206T



**FIG. 1A PUMP - PTD206T**

REF	PART NUMBER	DESCRIPTION	QTY	REMARKS
1	481-00000-62	CASING	1	
2	480-05210-02	CASING COVER	1	
4	481-00000-63	INNER CASING	1	
5	480-05210-04	IMPELLER	1	
6	481-00001-02	FRAME	1	
7	482-00212-03	LABEL, pump name	1	
8	481-00000-64	LINER	1	
9	480-05210-08	MECHANICAL SEAL	1	
10	481-00000-65	SUCTION FLANGE	1	
11	481-00000-66	DELIVERY FLANGE	1	
12	481-00000-67	CHECK VALVE	1	
13	480-05010-21	PLUG	2	
14	480-05210-13	COVER BOLT	2	
15	480-05210-14	RIVET	2	
16	480-05210-15	KNOB	2	
17	480-05210-16	CASING COVER HOLDER	2	
18	480-05210-17	PACKING, casing	1	
19	480-05010-22	"O" RING	2	
20	480-05210-19	CUSHION RUBBER	4	
21	480-05210-20	"O" RING, inner casing	1	
22	480-05010-28	HOSE BAND	3	
23	480-05210-22	NIPPLE (AL)	2	
24	481-00000-19	COUPLING HANDLE (NPT)	2	
25	480-05010-17	PACKING, nipple	2	
26	480-05010-20	PACKING, delivery flange	1	
27	480-05010-06	SEAL PACKING	4	
28	480-05210-27	BOLT and WASHER ASS'Y (M8x50)	4	
29	001-14082-50	BOLT and WASHER ASS'Y (M8x25)	7	
30	480-05210-29	SOCKET BOLT (M6x16)	3	
31	001-14104-50	BOLT and WASHER ASS'Y (M10x50)	2	
32	002-38100-00	FLANGE NUT (M10)	2	
33	480-10010-24	NUT and WASHER ASS'Y (M8)	6	
34	480-05210-33	STRAINER	1	
35	480-05210-34	SPRING PIN	2	
36	480-05210-35	SUPPORT	1	
37	480-05210-36	WING BOLT (M6x15)	1	
39	481-00000-80	NIPPLE (NPTxNPT)	2	
40	480-05210-29	SOCKET BOLT (M6x16)	2	
41	480-08010-37	SHIM (Ø 20 xØ 18 x 0.3mm)	1	
41	480-08010-38	SHIM (Ø 20xØ 18x0.6mm)	1	select one piece only
41	480-08010-39	SHIM (Ø 20xØ 18x1.0mm)	1	

FIG. 1B PUMP - PTD306



**FIG. 1B PUMP - PTD306**

REF	PART NUMBER	DESCRIPTION	QTY	REMARKS
1	481-00001-09	CASING	1	
2	480-05010-02	PACKING, casing	1	
3	001-14103-00	BOLT and WASHER ASS'Y (M10x30)	4	
4	480-05010-04	CASING COVER	1	
5	480-05010-05	BOLT (M8x48)	4	
6	480-05010-06	SEAL PACKING	4	
7	003-20080-00	SPRING WASHER (M8)	4	
8	003-11080-00	WASHER (M8)	4	
9	481-00000-92	IMPELLER	1	
10	480-05010-10	MECHANICAL SEAL	1	
11	480-08010-11	INNER CASING	1	
12	480-08010-12	PACKING, inner casing	1	
13	481-00000-06	SUCTION FLANGE (NPT)	1	
14	001-14083-00	BOLT and WASHER ASS'Y (M8x30)	3	
15	480-08010-15	CHECK VALVE	1	
16	481-00000-07	COUPLING HANDLE (NPT)	2	
17	480-08010-17	PACKING, coupling	2	
18	481-00001-08	NIPPLE	2	
19	481-00000-08	DELIVERY FLANGE (NPT)	1	
20	480-08010-20	PACKING, delivery flange	1	
21	001-14082-50	BOLT and WASHER ASS'Y (M8x25)	4	
22	480-05010-21	PLUG	2	
23	480-05010-22	"O" RING	2	
24	001-13104-50	BOLT and WASHER ASS'Y (M10x50)	2	
25	002-38100-00	FLANGE NUT (M10)	2	
26	482-00213-03	LABEL, pump name	1	
27	480-08010-28	HOSE BAND	3	
28	480-08050-29	STRAINER	1	
29	481-00000-93	FRAME	1	
30	481-00000-94	BASE, pump side	1	
31	480-08210-19	CUSHION RUBBER	3	
32	480-10010-24	NUT and WASHER ASS'Y (M8)	6	
33	001-14082-00	BOLT and WASHER ASS'Y (M8x20)	4	
34	481-00000-95	BRACKET	2	
35	481-00000-96	BASE, engine side	1	
36	002-38080-00	FLANGE NUT	2	
37	480-08010-37	SHIM (Ø20 x Ø18 x 0.3mm)	1	select one piece only
37	480-08010-38	SHIM (Ø20 x Ø18 x 0.6mm)	1	select one piece only
37	480-08010-39	SHIM (Ø20 x Ø18 x 1.0mm)	1	select one piece only

FIG. 2 CRANKCASE GROUP - PTD206T & PTD306

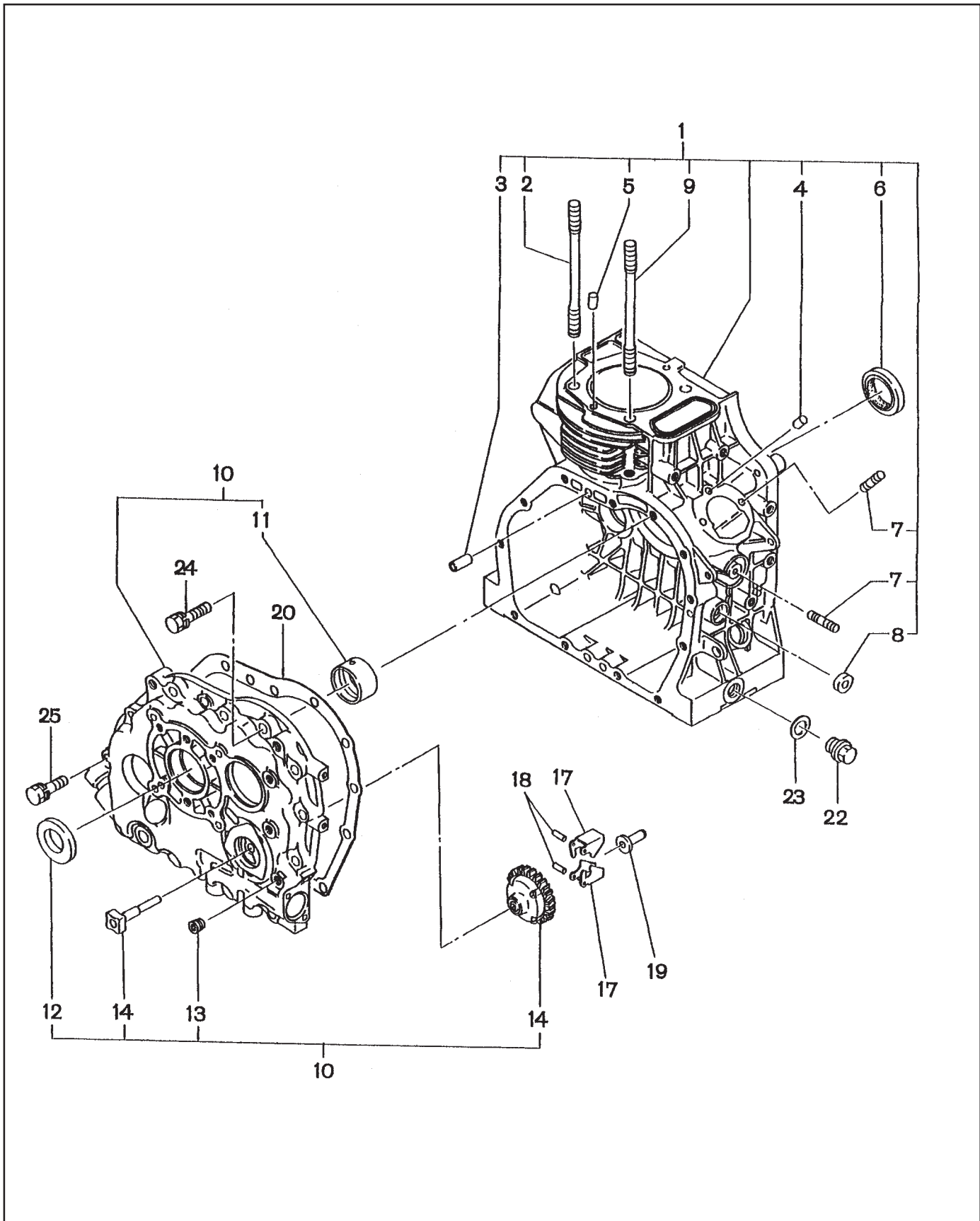






FIG. 3 CYLINDER HEAD GROUP - PTD206T & PTD306

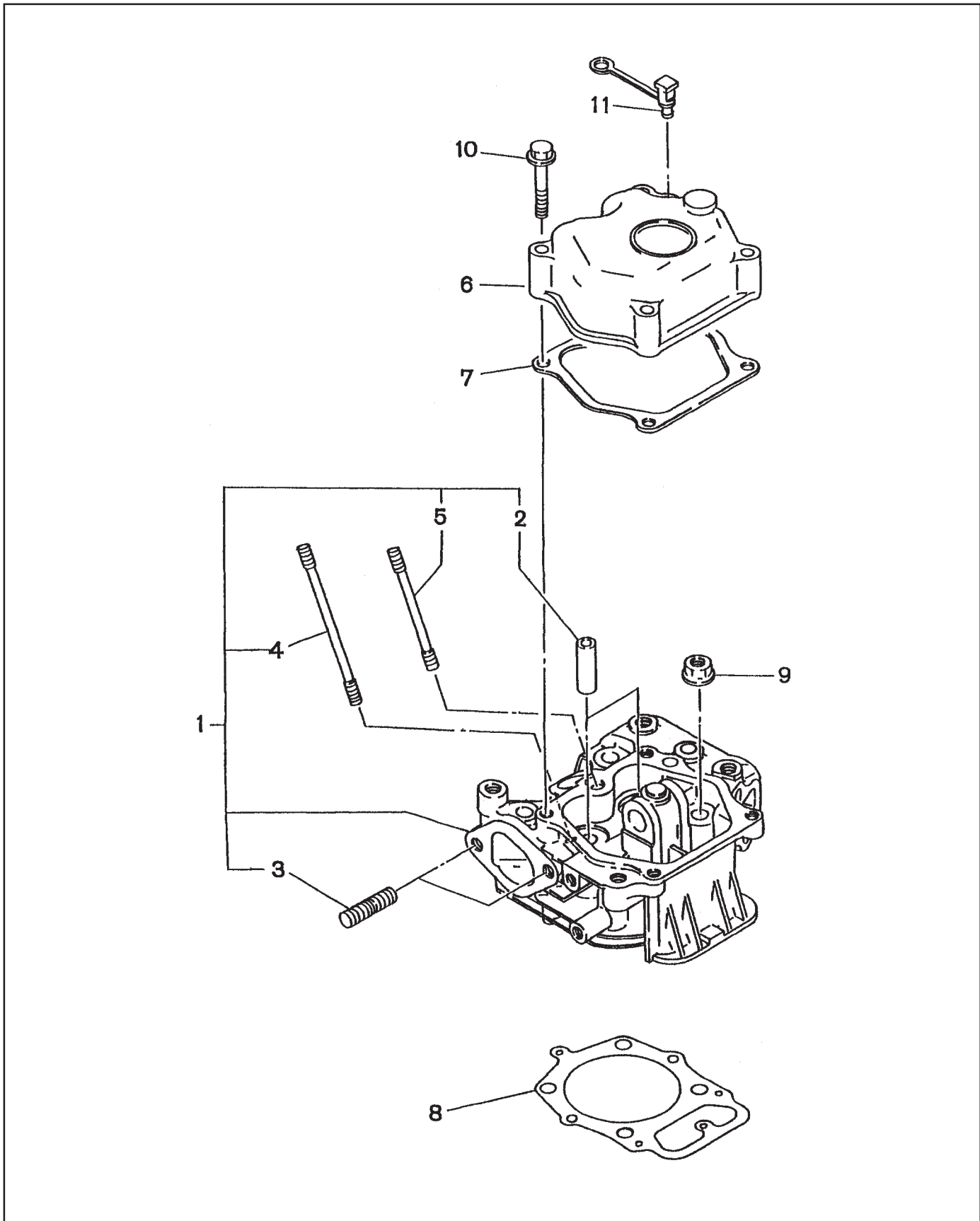
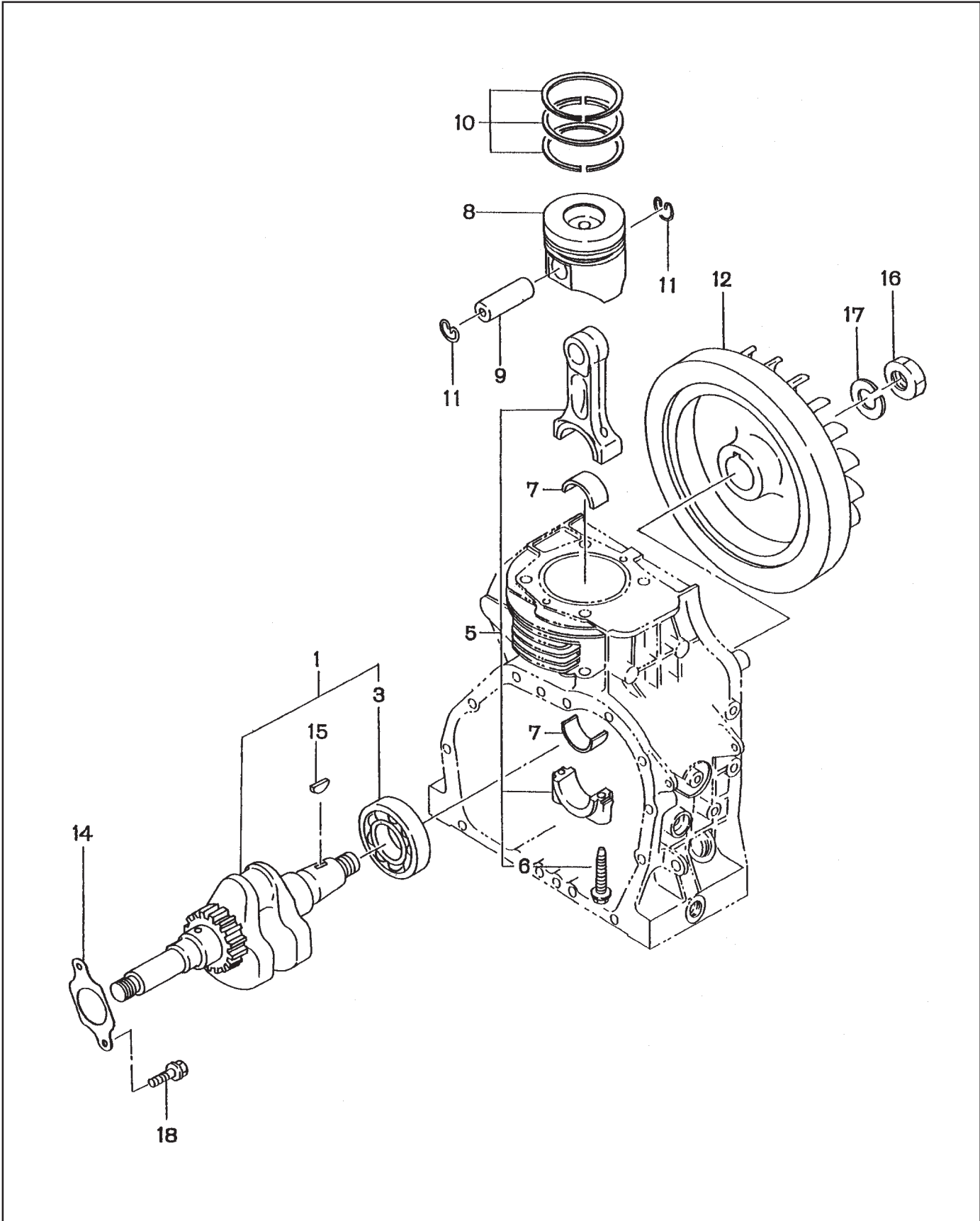




FIG. 4 CRANKSHAFT and PISTON GROUP - PTD206T & PTD306



**FIG. 4 CRANKSHAFT and PISTON GROUP - PTD206T & PTD306**

REF	PART NUMBER	DESCRIPTION	QTY	REMARKS
*1	243-20301-31	CRANKSHAFT, compl.	1	Includes item 3
3	060-03500-20	BALL BEARING	1	
*5	243-22510-00	CONNECTING ROD ASS'Y	1	Includes item 6
6	243-23002-03	CONNECTING ROD BOLT	2	
7	243-22801-03	LARGE END BEARING, STD.	2	
7	243-22802-03	LARGE END BEARING, under size 0.25mm	2	
7	243-22803-03	LARGE END BEARING, under size 0.50mm	2	
8	243-23401-13	PISTON, STD.	1	
8	243-23402-13	PISTON, over size 0.25mm	1	
8	243-23403-13	PISTON, over size 0.50mm	1	
9	243-23301-03	PISTON PIN	1	
10	243-23501-27	PISTON RING SET, STD.	1	
10	243-23502-27	PISTON RING SET, over size 0.25mm	1	
10	243-23503-27	PISTON RING SET, over size 0.50mm	1	
11	056-52000-30	CLIP	2	
12	243-22410-13	FLYWHEEL	1	
14	243-25001-03	THRUST WASHER (t=0.8)	1	select one piece only
14	243-25002-03	THRUST WASHER (t=1.0)	1	select one piece only
14	243-25003-03	THRUST WASHER (t=1.2)	1	select one piece only
15	032-30300-10	WOODRUFF KEY	1	
16	002-18180-00	NUT	1	
17	003-20180-00	SPRING WASHER	1	
18	011-00600-10	FLANGE BOLT	2	

FIG. 5 CAMSHAFT and VALVE ROCKER GROUP- PTD206T & PTD306

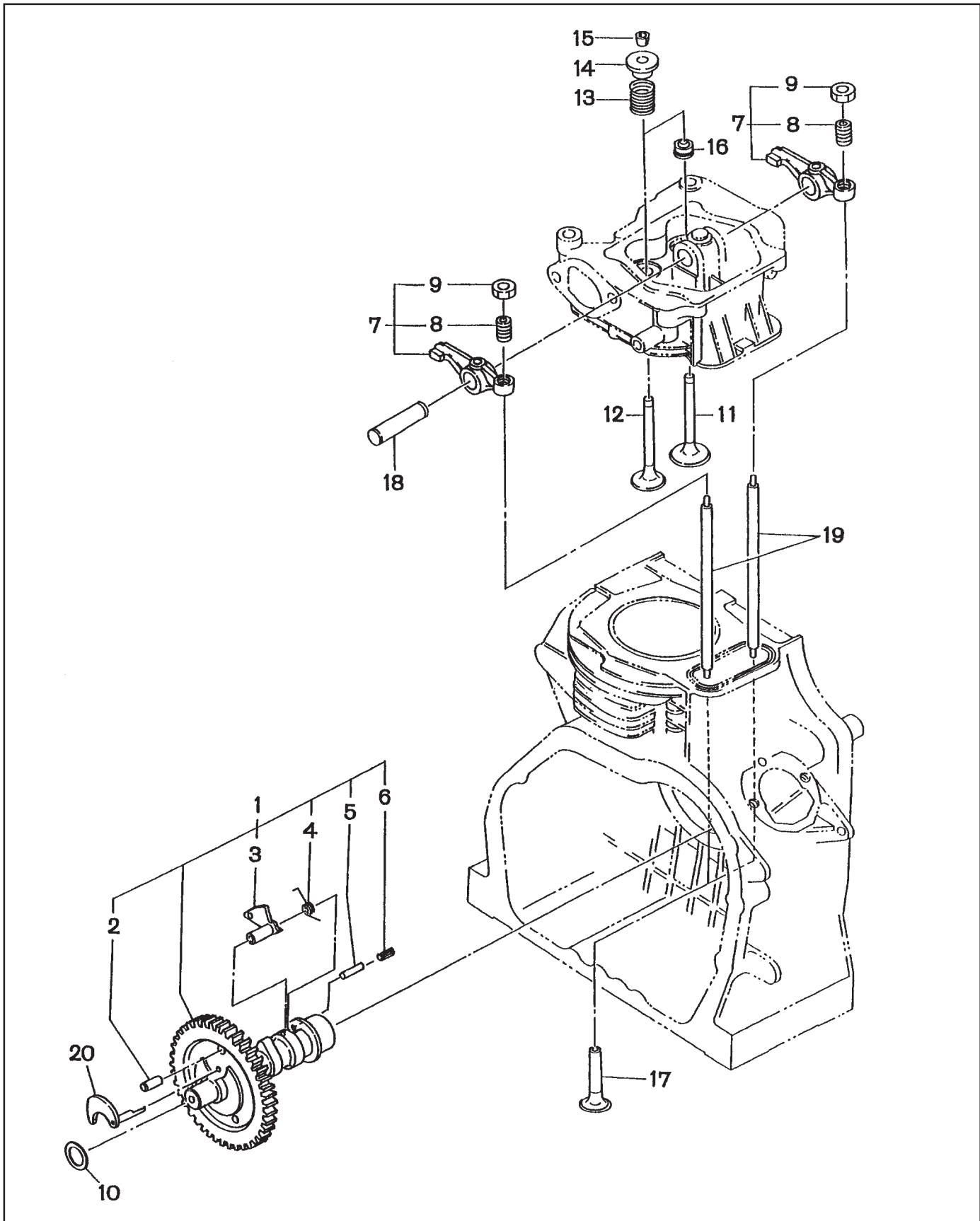




FIG. 6 MUFFLER and AIR CLEANER GROUP- PTD206T & PTD306

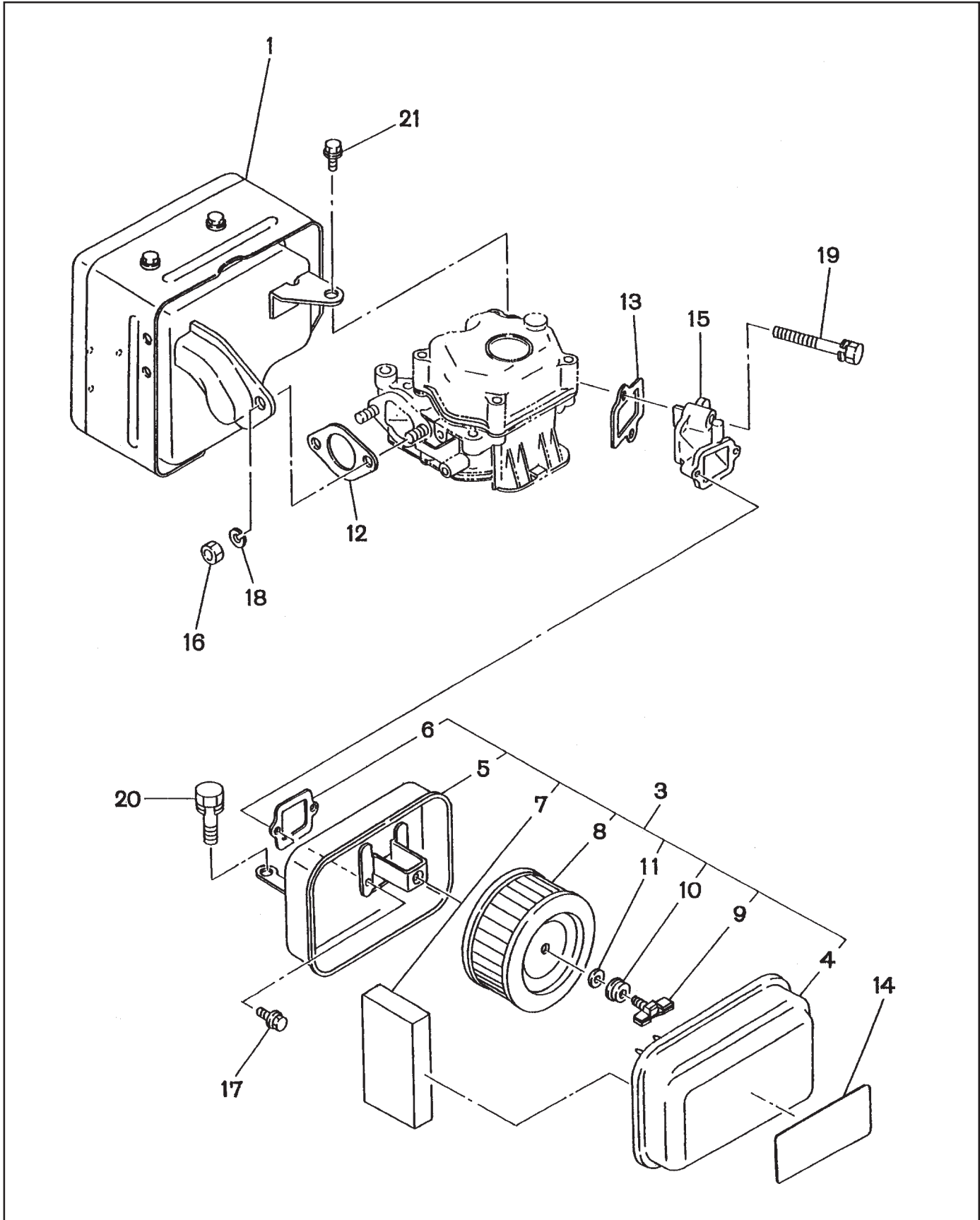






FIG. 7 GOVERNOR OPERATION GROUP- PTD206T & PTD306

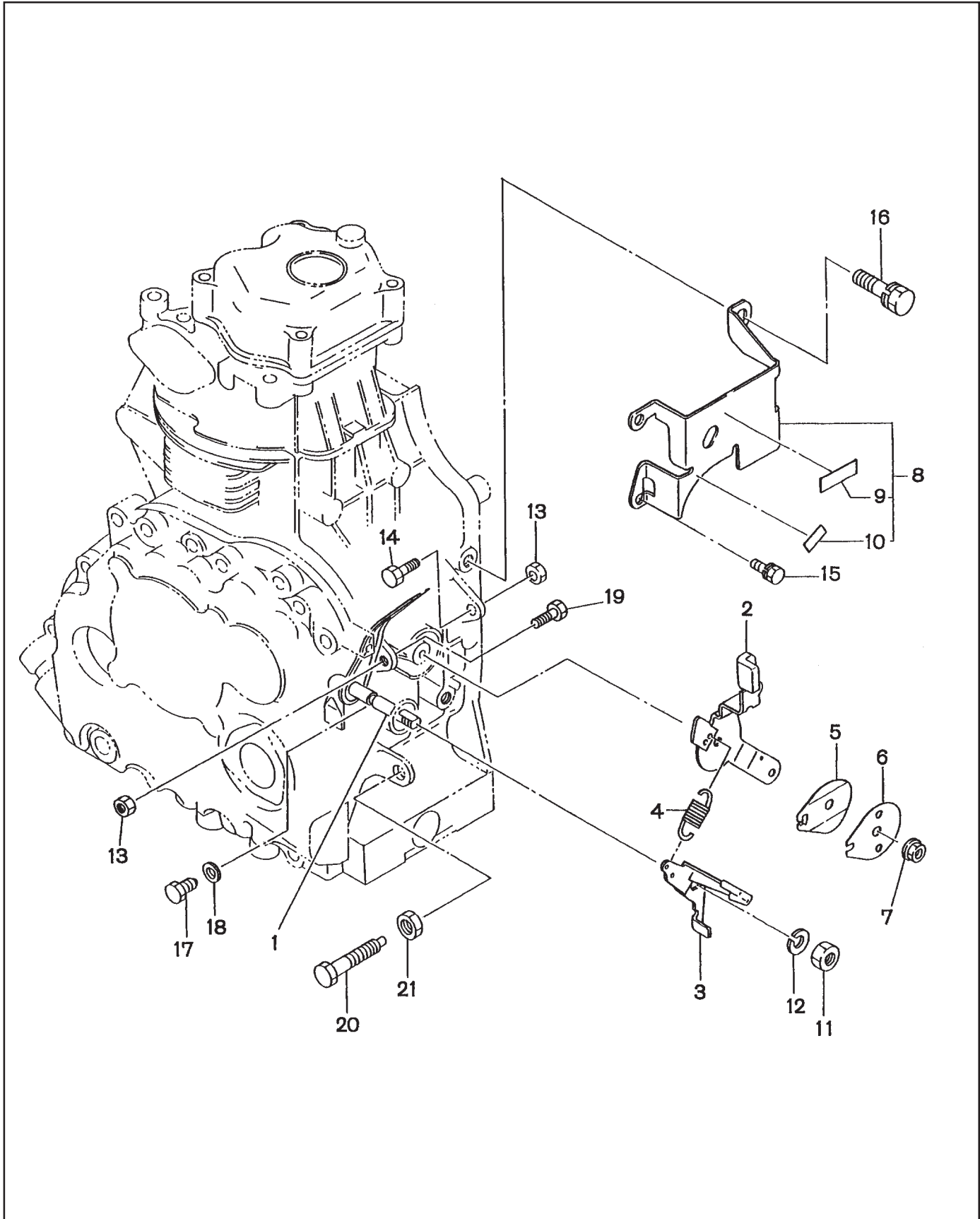
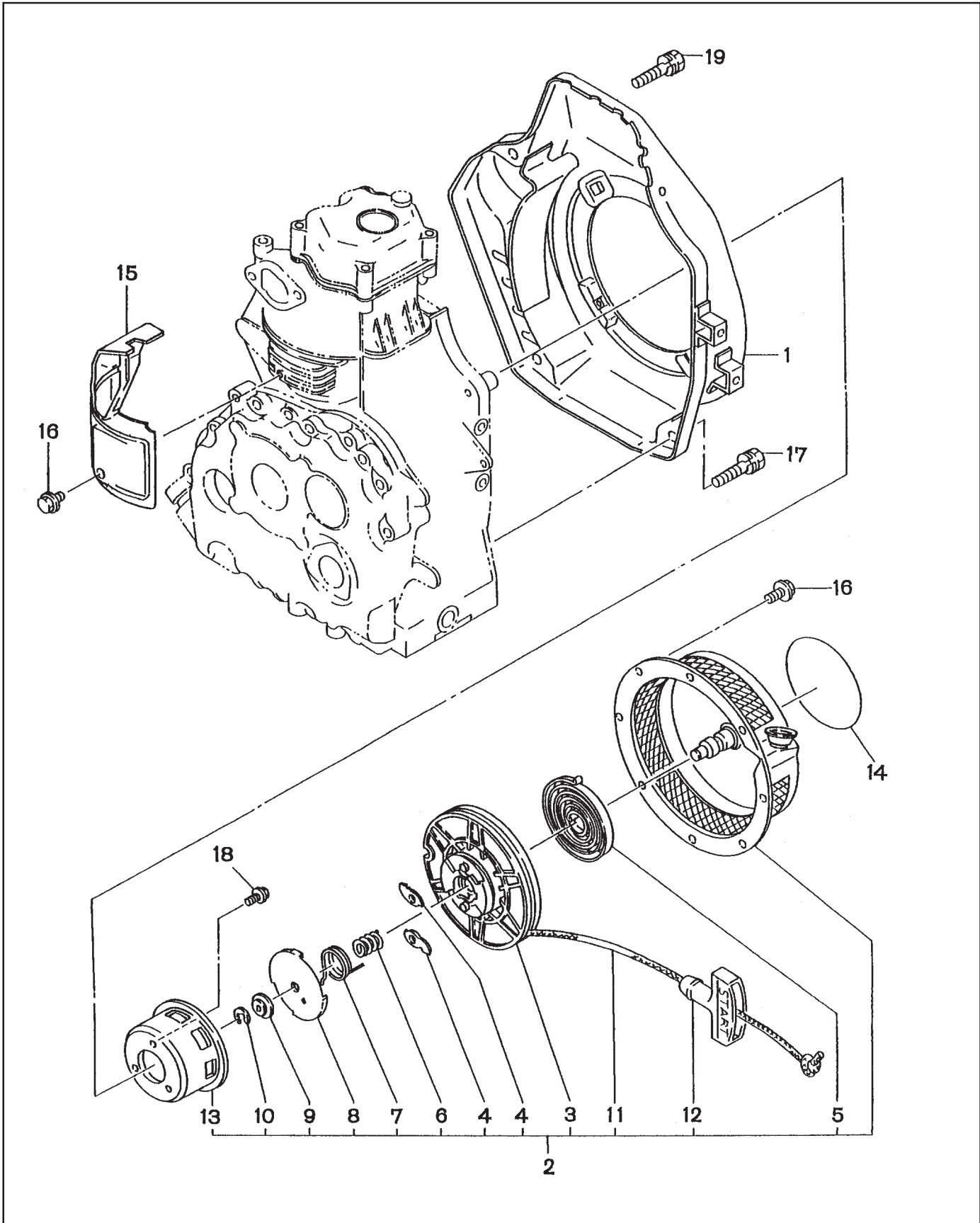




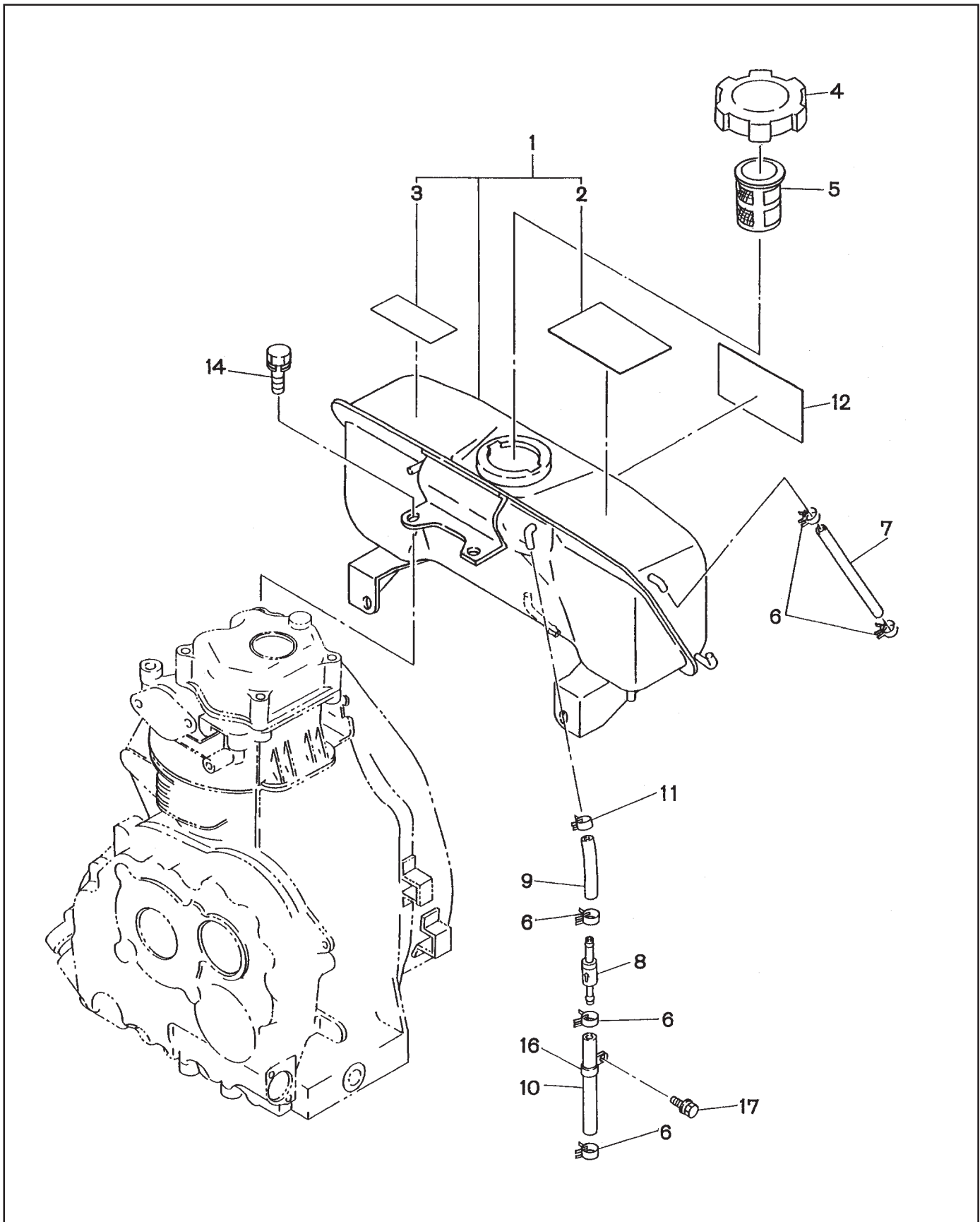
FIG. 8 BLOWER HOUSING and STARTER GROUP- PTD206T & PTD306



**FIG. 8 BLOWER HOUSING and STARTER GROUP- PTD206T & PTD306**

REF	PART NUMBER	DESCRIPTION	QTY	REMARKS
1	243-51202-01	BLOWER HOUSING, compl.	1	
*2	243-50201-20	RECOIL STARTER ASS'Y	1	Includes items 3 thru 13
3	239-50220-08	REEL, compl.	1	
4	106-50128-18	RATCHET	2	
5	106-50116-08	SPIRAL SPRING	1	
6	106-50132-08	FRICTION SPRING	1	
7	106-50136-18	RETURN SPRING	1	
8	106-50144-08	FRICTION PLATE	1	
9	106-50185-08	THRUST WASHER	1	
10	106-50186-08	CLIP	1	
11	243-50110-08	STARTER ROPE	1	
12	236-50101-08	STARTER KNOB	1	
13	243-50145-08	STARTING PULLEY	1	
14	243-95004-13	LABEL, diesel mark	1	
15	243-52601-33	CYLINDER BAFFLE	1	
16	011-00600-10	FLANGE BOLT	5	
17	001-13082-00	BOLT and WASHER ASS'Y	2	
18	001-13061-20	BOLT and WASHER ASS'Y	3	
19	001-13083-00	BOLT and WASHER ASS'Y	2	

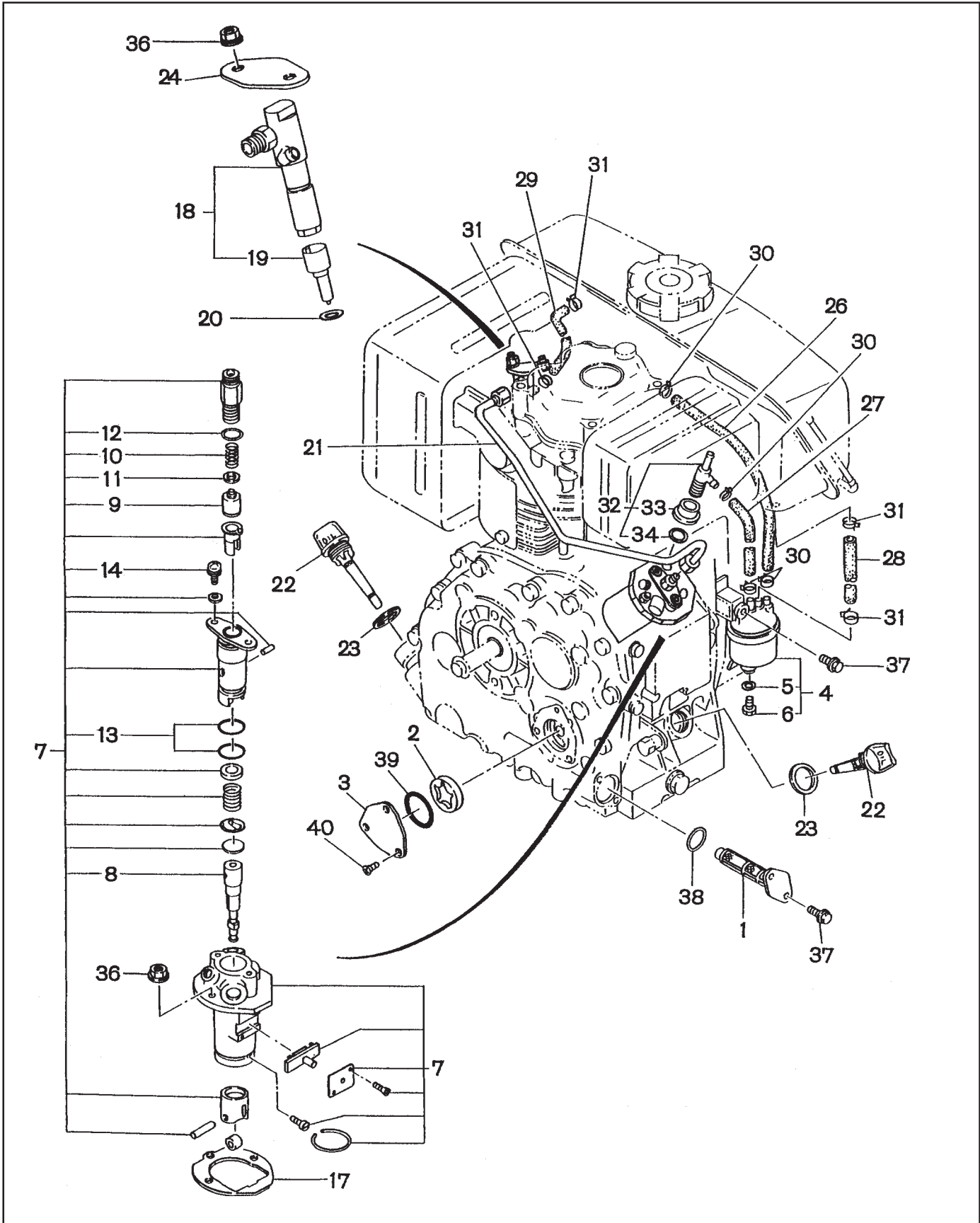
FIG. 9 FUEL TANK GROUP- PTD206T & PTD306



**FIG. 9 FUEL TANK GROUP- PTD206T & PTD306**

<b>REF</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>REMARKS</b>
*1	243-60125-01	FUEL TANK, compl.	1	Includes items 2,3
2	243-91907-13	LABEL, instruction	1	
3	073-20039-00	LABEL, warning	1	
4	043-04300-15	FUEL TANK CAP	1	
5	064-13600-10	FUEL FILTER	1	
6	056-10800-10	HOSE CLAMP	5	
7	085-00500-00	VINYL PIPE (Ø5 xØ8 x 120mm)	1	
8	228-65032-13	CHECK VALVE	1	
9	085-14500-00	RUBBER PIPE (Ø4.5 x Ø9 x 45mm)	1	
10	085-14500-00	RUBBER PIPE (Ø4.5 x Ø9 x 95mm)	1	
11	056-10800-20	HOSE CLAMP	1	
12	255-91701-03	LABEL, trade mark	1	
14	001-13082-00	BOLT and WASHER ASS'Y	2	
16	150-75201-03	CLAMP	1	
17	001-10061-00	BOLT and WASHER ASS'Y	1	

FIG. 10 FUEL SYSTEM GROUP- PTD206T & PTD306

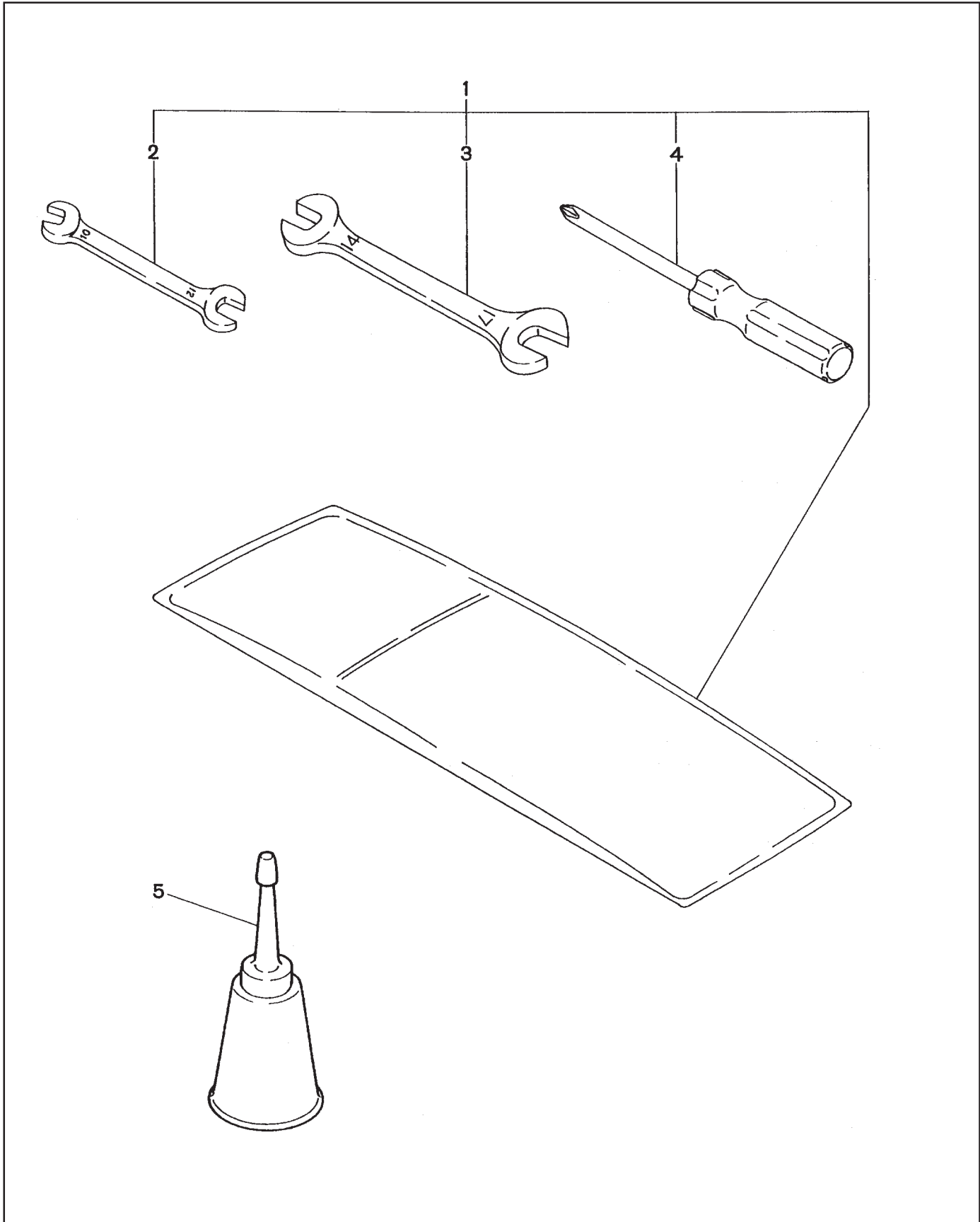




**FIG. 10 FUEL SYSTEM GROUP- PTD206T & PTD306**

REF	PART NUMBER	DESCRIPTION	QTY	REMARKS
1	243-64301-00	OIL FILTER ASS'Y	1	
2	228-63902-03	OIL PUMP, outer	1	
3	243-66020-01	COVER, oil pump	1	
*4	243-62101-20	FUEL FILTER ASS'Y	1	Includes items 5,6
5	228-62112-08	PACKING	1	
6	228-62111-08	PLUG	1	
*7	255-63103-00	INJECTION PUMP ASS'Y	1	Includes items 8 thru 14
8	243-63131-08	PLUNGER ASS'Y	1	
9	243-63103-08	DELIVERY VALVE	1	
10	243-63104-08	SPRING D.V.	1	
11	243-63105-08	GASKET	1	
12	243-63107-08	"O" RING	1	
13	243-63129-08	"O" RING	2	
14	243-63130-08	SCREW	2	
17	243-65001-03	GASKET, injection pump(t=0.1)	1	select one piece only
17	243-65002-03	GASKET, injection pump(t=0.2)	1	select one piece only
17	243-65003-03	GASKET, injection pump(t=0.3)	1	select one piece only
*18	243-63201-00	NOZZLE ASS'Y	1	Includes item 19
19	243-63204-08	NOZZLE	1	
20	228-65004-03	GASKET, nozzle	1	
21	243-63301-21	INJECTION PIPE, compl.	1	
22	214-63601-13	OIL GAUGE	2	
23	021-32000-10	GASKET	2	
24	243-66001-01	BRACKET, nozzle 1	1	
26	085-10600-00	RUBBER PIPE (Ø6 x Ø12 x 180mm)	1	
27	085-10600-00	RUBBER PIPE (Ø6 x Ø12 x 120mm)	1	
28	085-14500-00	RUBBER PIPE (Ø4.5 x Ø9 x 90mm)	1	
29	085-14500-00	RUBBER PIPE (Ø4.5 x Ø9 x 135mm)	1	
30	056-11100-20	HOSE CLAMP	4	
31	056-10800-10	HOSE CLAMP	4	
*32	243-66520-10	T-CONNECTOR ASS'Y	1	Includes items 33,34
33	243-66521-08	NUT	1	
34	243-66506-08	PACKING	1	
36	002-38060-00	FLANGE NUT	4	
37	001-14061-60	BOLT and WASHER ASS'Y	4	
38	006-26202-00	"O" RING	1	
39	006-26103-30	"O" RING	1	
40	004-11061-60	SCREW	3	

FIG. 11 ACCESSORIES GROUP- PTD206T & PTD306





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