

CATERPILLAR PS-180

7PD / KEBP3659

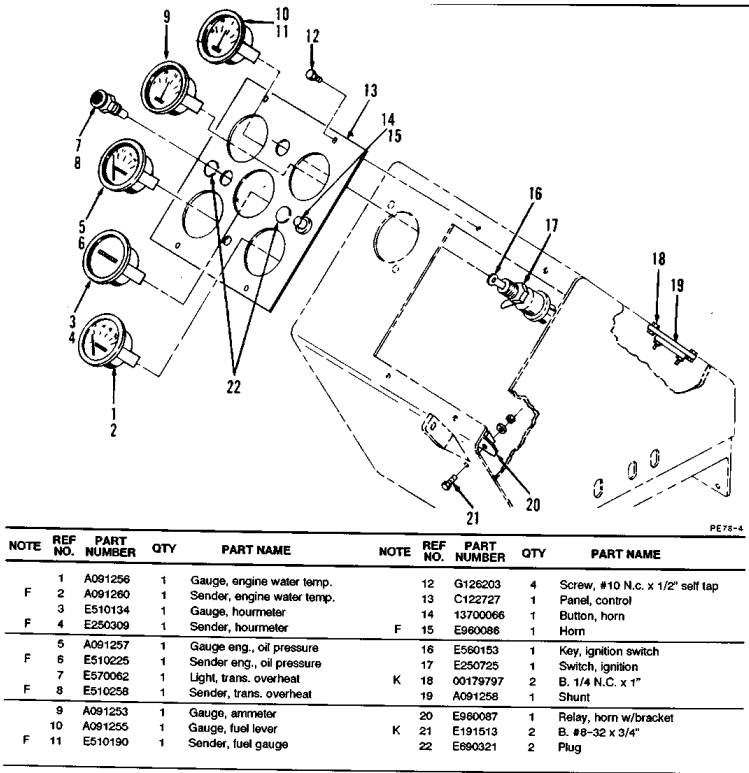
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INSTRUMENT PANEL ASSEMBLY

INSTRUMENT PANEL ASSEMBLY

Drawing 1 of 1



K - For washer and nut part numbers see page 59.
F - Not shown.

Ref.	Part number	Description	Qty	Code	Group page
1	A09-1256	GAUGE, ENGINE WATER TEMP.	1		
2	A09-1260	SENDER, ENGINE WATER TEMP.	1	F	
3	E51-0134	GAUGE, HOURMETER	1		
4	E25-0309	SENDER, HOURMETER	1	F	
5	A09-1257	GAUGE ENG., OIL PRESSURE	1		
6	E51-0225	SENDER ENG., OIL PRESSURE	1	F	
7	E57-0062	LIGHT, TRANS. OVERHEAT	1		
8	E51-0258	SENDER, TRANS. OVERHEAT	1	F	
9	A09-1253	GAUGE, AMMETER	1		
10	A09-1255	GAUGE, FUEL LEVER	1		
11	E51-0190	SENDER, FUEL GAUGE	1	F	
12	G12-6203	SCREW, #10 N.C. X 1/2" SELF TAP	4		
13	C12-2727	PANEL, CONTROL	1		
14	1370-0066	BUTTON, HORN	1		
15	E96-0086	HORN	1	F	

INSTRUMENT PANEL ASSEMBLY (continued)

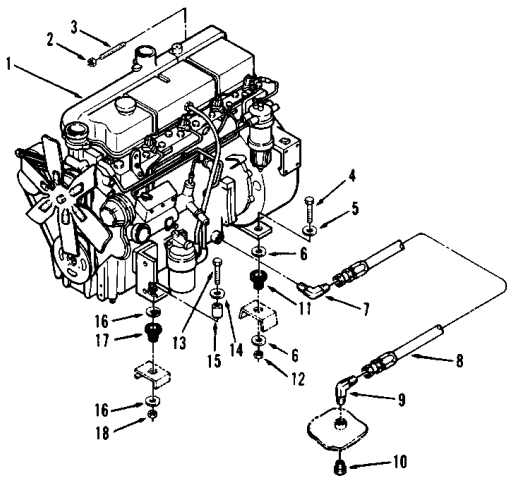
Ref.	Part number	Description	Qty	Code	Group page
16	E56-0153	KEY, IGNITION SWITCH	1		
17	E25-0725	SWITCH, IGNITION	1		
18	0017-9797	B. 1/4 N.C. X 1"	2	K	
19	A09-1258	SHUNT	1		
20	E96-0087	RELAY, HORN W/BRACKET	1		
21	E19-1513	B. #8-32 X 3/4"	2	K	
22	E69-0321	PLUG	2		

CAT codes: F, K.

ENGINE MOUNTING AND OIL DRAIN

ENGINE MOUNTING AND OIL DRAIN

Drawing 1 of 1



PE77-1

NOTE	REF NO.	PART NUMBER	QTY	PART NAME	NOTE	REF NO.	PART NUMBER	QTY	PART NAME	
Y	1	06001687	1	Engine, diesel - Perkins 4.236	13	00179885	2	B. 1/2 N.C. x 3 1/2"		
	2	24170059	3	Nut, 3/8 N.C.E.S. (starter)	14	00106265	2	Washer, flat 1/2"		
	3	29890058	3	Stud, 3/8 N.C. x 2 1/2" (starter)	15	01009172	2	Sleeve, spacer		
K	4	00271568	2	B. 5/8 N.C. x 3 1/2"	16	01009136	4	Washer, support		
	5	00106267	2	Washer, flat 5/8"	17	23520069	2	Mount		
	6	01001947	4	Washer	18	24170071	2	Nut, hex 1/2 N.C.E.S.		
	7	15070106	1	Elbow, 90°	F	19	13420241	1	Element, oil filter	
	8	A138021	1	Hose	F	20	13420240	1	Element, fuel filter w/seal	
	9	15070016	1	Elbow, 90°	F	21	9L0894	1	V-belt, fan	
	10	00144027	1	Plug, pipe						
	11	23520018	1	Mount, rubber						
	12	24170058	2	Nut, hex 5/8 N.C.E.S.						

K - For washer and part numbers see page 59.
F - Not shown.
Y - See engine manual 4.236 page 2.01 for engine parts.

Ref.	Part number	Description	Qty	Code	Group page
1	0600-1697	ENGINE, DIESEL - PERKINS 4.236	1	Y	
2	2417-0059	NUT, 3/8 N.C.E.S. (STARTER)	3		
3	2989-0058	STUD, 3/8 N.C. X 2 1/2" (STARTER)	3		
4	0027-1568	B. 5/8 N.C. X 3 1/2"	2	K	
5	0010-6267	WASHER, FLAT 5/8"	2		
6	0100-1947	WASHER	4		
7	1507-0106	ELBOW, 90 degrees	1		
8	A13-8021	HOSE	1		
9	1507-0016	ELBOW, 90 degrees	1		
10	0014-4027	PLUG, PIPE	1		
11	2352-0018	MOUNT, RUBBER	1		
12	2417-0058	NUT, HEX 5/8 N.C.E.S.	2		
13	0017-9895	B. 1/2 N.C. X 3 1/2"	2		
14	0010-6265	WASHER, FLAT 1/2"	2		
15	0100-9172	SLEEVE, SPACER	2		

ENGINE MOUNTING AND OIL DRAIN (continued)

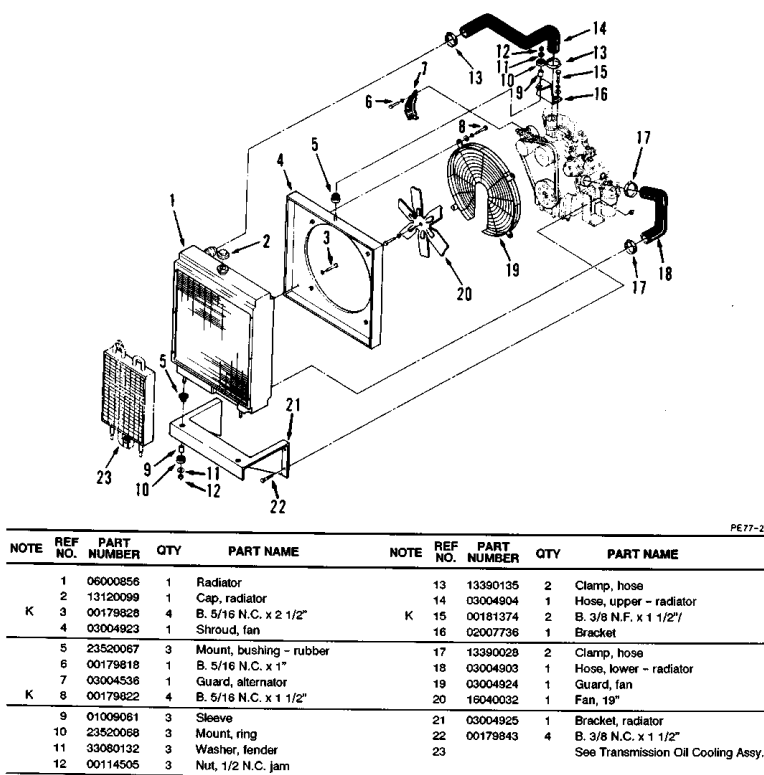
Ref.	Part number	Description	Qty	Code	Group page
16	0100-9136	WASHER, SUPPORT	4		
17	2352-0069	MOUNT	2		
18	2417-0071	NUT, HEX 1/2 N.C.E.S.	2		
19	1342-0241	ELEMENT, OIL FILTER	1	F	
20	1342-0240	ELEMENT, FUEL FILTER W/SEAL	1	F	
21	9L-0894	V-BELT, FAN	1	F	

CAT codes: K, Y, F.

ENGINE COOLING SYSTEM

ENGINE COOLING SYSTEM

Drawing 1 of 1



K - For washer and nut part numbers see page 59.

Ref.	Part number	Description	Qty	Code	Group page
1	0600-0856	RADIATOR	1		
2	1312-0099	CAP, RADIATOR	1		
3	0017-9828	B. 5/16 N.C. X 2 1/2"	4	K	
4	0300-4923	SHROUD, FAN	1		
5	2352-0067	MOUNT, BUSHING - RUBBER	3		
6	0017-9818	B. 5/16 N.C. X 1"	1		
7	0300-4536	GUARD, ALTERNATOR	1		
8	0017-9822	B. 5/16 N.C. X 1 1/2"	4	K	
9	0100-9061	SLEEVE	3		
10	2352-0068	MOUNT, RING	3		
11	3308-0132	WASHER, FENDER	3		
12	0011-4505	NUT, 1/2 N.C. JAM	3		
13	1339-0135	CLAMP, HOSE	2		
14	0300-4904	HOSE, UPPER - RADIATOR	1		
15	0018-1374	B. 3/8 N.F. X 1 1/2"/	2	K	

ENGINE COOLING SYSTEM (continued)

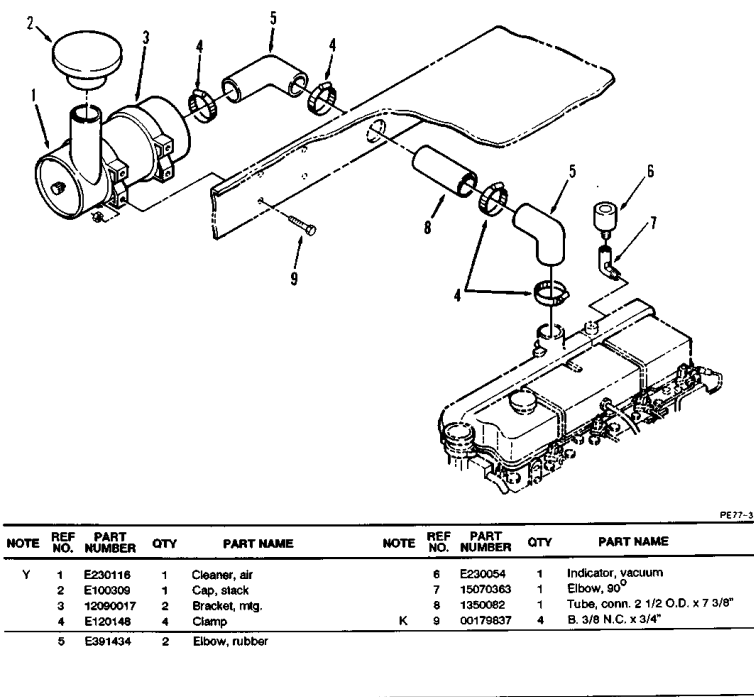
Ref.	Part number	Description	Qty	Code	Group page
16	0200-7736	BRACKET	1		
17	1339-0028	CLAMP, HOSE	2		
18	0300-4903	HOSE, LOWER - RADIATOR	1		
19	0300-4924	GUARD, FAN	1		
20	1604-0032	FAN, 19"	1		
21	0300-4925	BRACKET, RADIATOR	1		
22	0017-9843	B. 3/8 N.C. X 1 1/2"	4		

CAT codes: K.

ENGINE AIR CLEANER ASSEMBLY

ENGINE AIR CLEANER ASSEMBLY

Drawing 1 of 1



K - For washer and nut part numbers see page 59.
Y - Separate illustration see page 17.

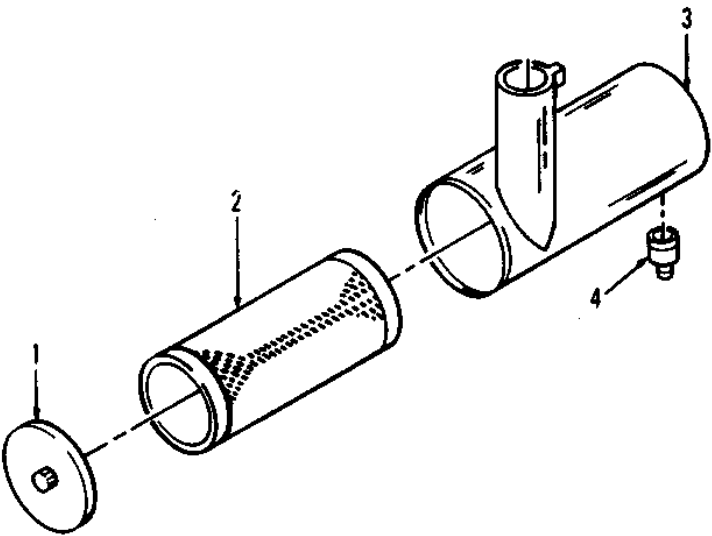
Ref.	Part number	Description	Qty	Code	Group page
1	E23-0116	CLEANER, AIR	1	Y	
2	E10-0309	CAP, STACK	1		
3	1209-0017	BRACKET, MTG.	2		
4	E12-0148	CLAMP	4		
5	E39-1434	ELBOW, RUBBER	2		
6	E23-0054	INDICATOR, VACUUM	1		
7	1507-0363	ELBOW, 90 degrees	1		
8	135-0082	TUBE, CONN. 2 1/2 O.D. X 7 3/8"	1		
9	0017-9837	B. 3/8 N.C. X 3/4"	4	K	

CAT codes: K, Y.

E23-0116 AIR CLEANER ASSEMBLY

AIR CLEANER ASSEMBLY E230116

Drawing 1 of 1



B-PE78-11

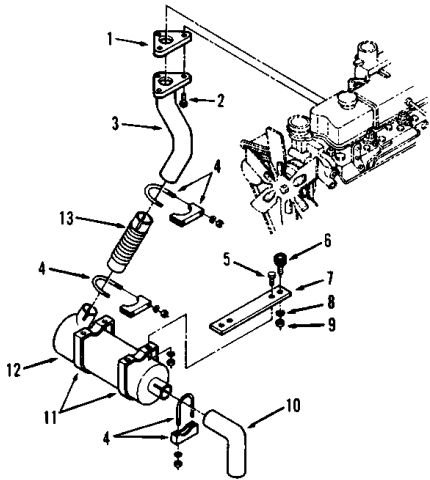
NOTE	REF NO.	PART NUMBER	QTY	PART NAME	NOTE	REF NO.	PART NUMBER	QTY	PART NAME
1		E230137	1	Bar, retainer	3		N.S.S.	1	Body assy.
2		E230117	1	Element, filter	4		E230185	1	Unloader, 1"

Ref.	Part number	Description	Qty	Code	Group page
1	E23-0137	BAR, RETAINER	1		
2	E23-0117	ELEMENT, FILTER	1		
3	NSS	BODY ASSY.	1		
4	E23-0185	UNLOADER, 1"	1		

ENGINE EXHAUST SYSTEM

ENGINE EXHAUST SYSTEM

Drawing 1 of 1



PET7-4									
NOTE	REF NO.	PART NUMBER	QTY	PART NAME	NOTE	REF NO.	PART NUMBER	QTY	PART NAME
	1	17060099	1	Gasket, exhaust		7	01009154	2	Bar, muffler bracket
	2	00454914	3	Screw, cap hex 7/16 N.C. x 3/4" Gr. 8		8	00103319	4	Washer, lock 1/4"
	3	04004751	1	Exhaust pipe		9	00109084	4	Nut, hex 1/4 - 20 N.C.
	4	E120226	3	Clamp, muffler		10	02007829	1	Elbow, exhaust
K	5	00179818	4	B. 5/16 N.C. x 1"		11	12090017	2	Band, air cleaner
	6	23520041	4	Mount		12	23570049	1	Muffler
						13	02007928	1	Extension, exhaust

K - For washer and nut part numbers see page 59.

Ref.	Part number	Description	Qty	Code	Group page
1	1706-0099	GASKET, EXHAUST	1		
2	0045-4914	SCREW, CAP HEX 7/16 N.C. X 3/4" GR. 8	3		
3	0400-4751	EXHAUST PIPE	1		
4	E12-0226	CLAMP, MUFFLER	3		
5	0017-9818	B. 5/16 N.C. X 1"	4	K	
6	2352-0041	MOUNT	4		
7	0100-9154	BAR, MUFFLER BRACKET	2		
8	0010-3319	WASHER, LOCK 1/4"	4		
9	0010-9084	NUT, HEX 1/4 - 20 N.C.	4		
10	0200-7829	ELBOW, EXHAUST	1		
11	1209-0017	BAND, AIR CLEANER	2		
12	2357-0049	MUFFLER	1		
13	0200-7928	EXTENSION, EXHAUST	1		

CAT codes: K.

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