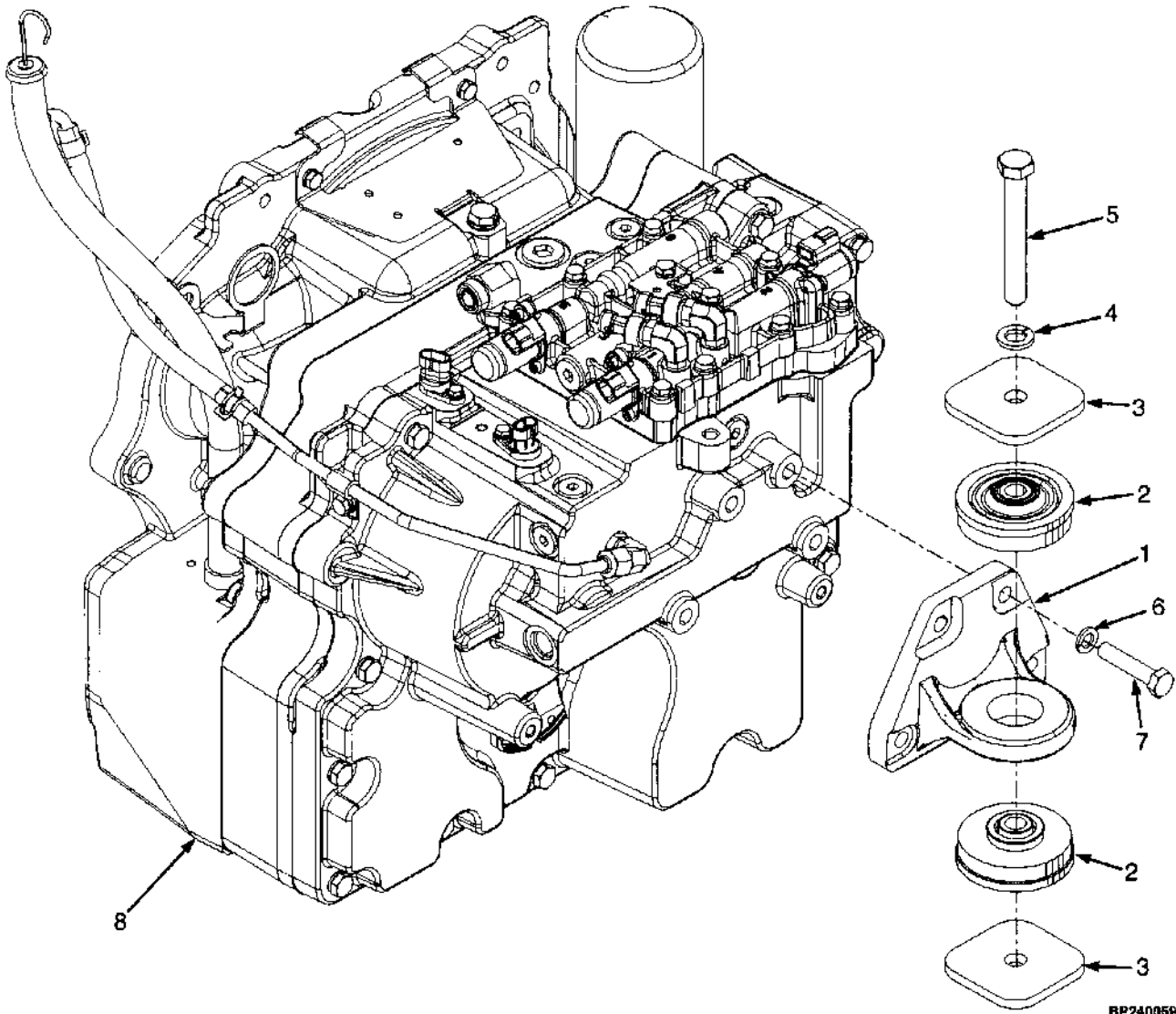


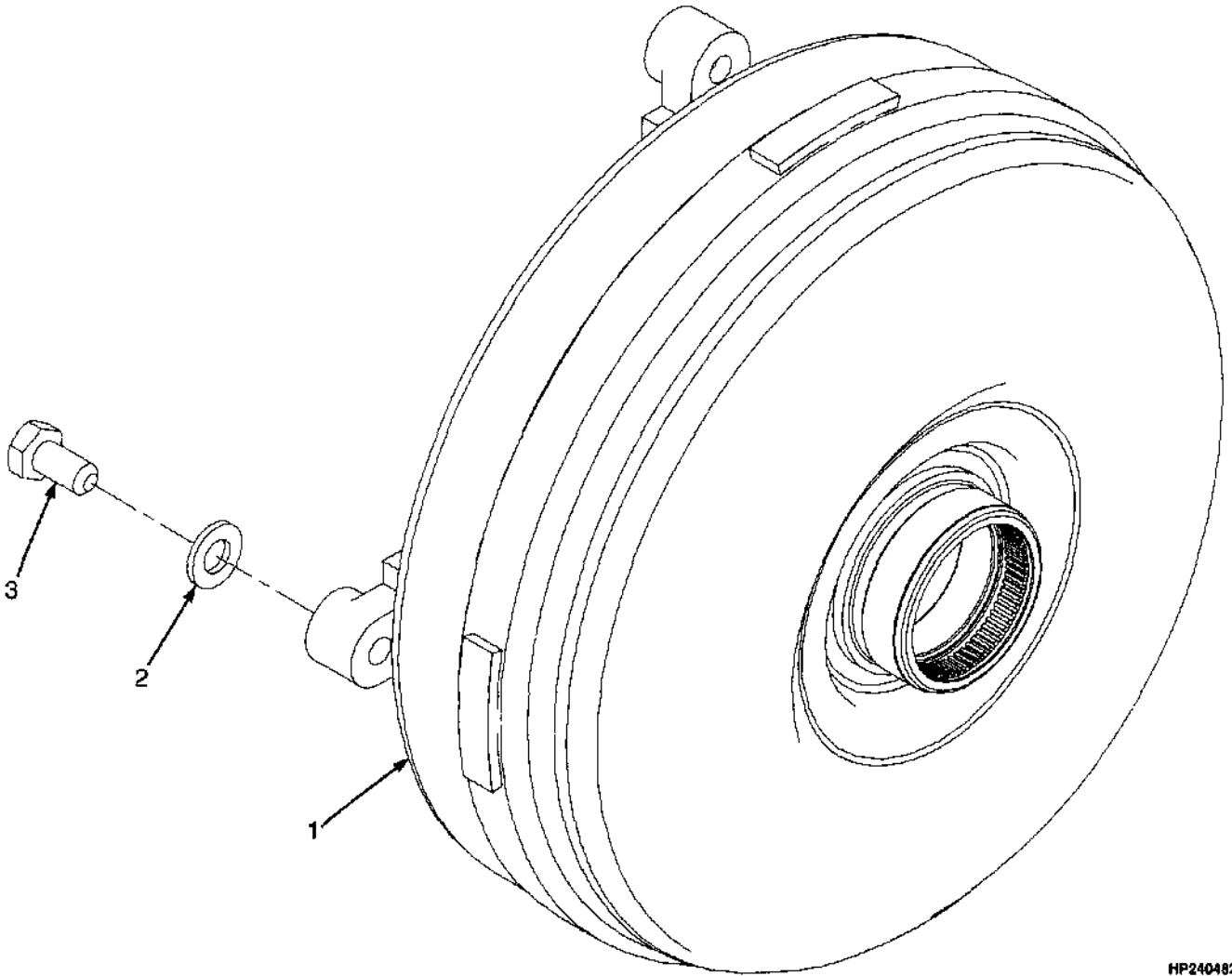
## TRANSMISSION MOUNT (Figure 5-1)



BP240059

ITEM	PART NO.	DESCRIPTION	QTY
1	1501275	Bracket.....	1
2	2070147	Isolator.....	2
3	1566329	Washer.....	2
4	292685	Lockwasher.....	1
5	293697	Capscrew.....	1
6	292683	Lockwasher.....	4
7	292531	Capscrew.....	4
8	1550565	Transmission Assembly (☞ Figure 5-5, ☞ Figure 5-6).....	1

**TORQUE CONVERTER (Figure 5-2)**



HP240482

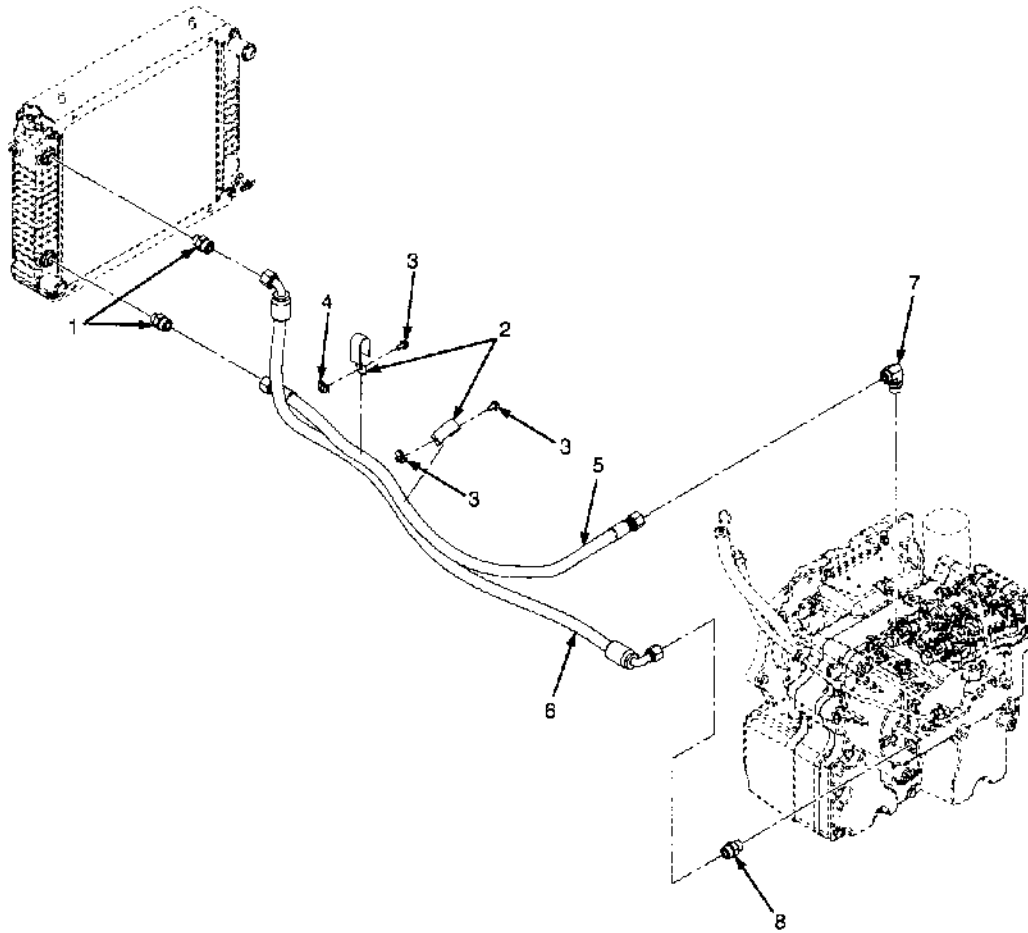
**KEY:**

**A: For Use With Mazda Engine**

**B: For Use With Yanmar Diesel Engine**

ITEM	PART NO.	DESCRIPTION	QTY	
			A	B
1	1553122	Torque Converter .....	1	..
1	1553123	Torque Converter .....	..	1
2	296420	Washer .....	4	4
3	1541921	Capscrew .....	4	4

## TRANSMISSION COOLING (Figure 5-3) MAZDA 2.0L



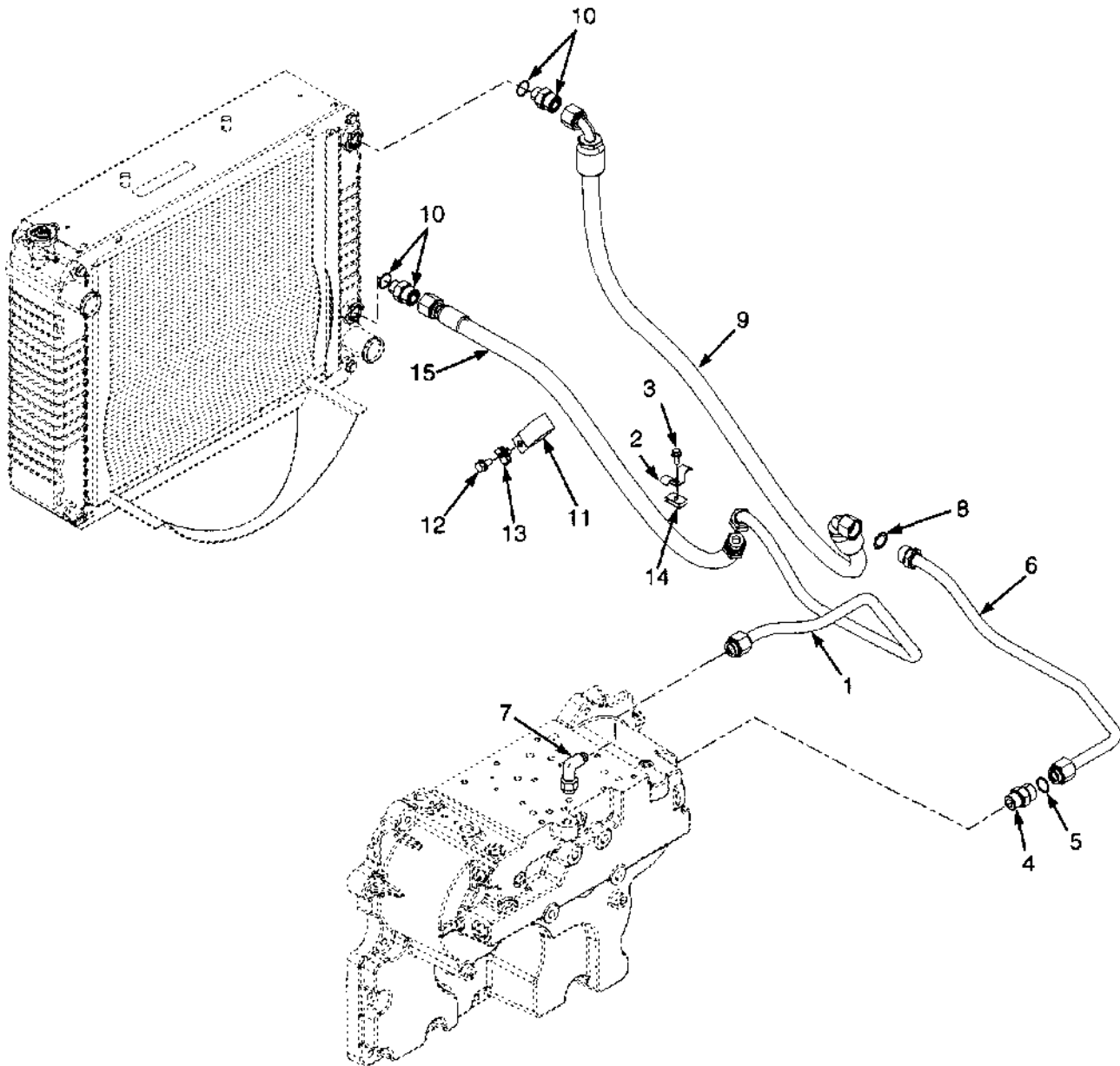
BP240050

ITEM	PART NO.	DESCRIPTION	QTY
1	<sup>a</sup> 1565127	Fitting .....	2
1	252729	O-Ring .....	1
2	1562648	Clip .....	2
3	1527879	Capscrew .....	2
4	1480237	Clip Nut .....	2
5	2067594	Hose .....	1
6	2067595	Hose .....	1
7	1487067	Fitting .....	1
7	16485	O-Ring .....	1
7	1527818	O-Ring .....	1
8	1486749	Fitting .....	1
8	16485	O-Ring .....	1
8	1527818	O-Ring .....	1

**FOOTNOTES:**

<sup>a</sup> Supplied with Serpentine Radiator Only

## TRANSMISSION COOLING (Figure 5-4) YANMAR 2.6L DIESEL



HP240483

**TRANSMISSION COOLING  
YANMAR 2.6L DIESEL**

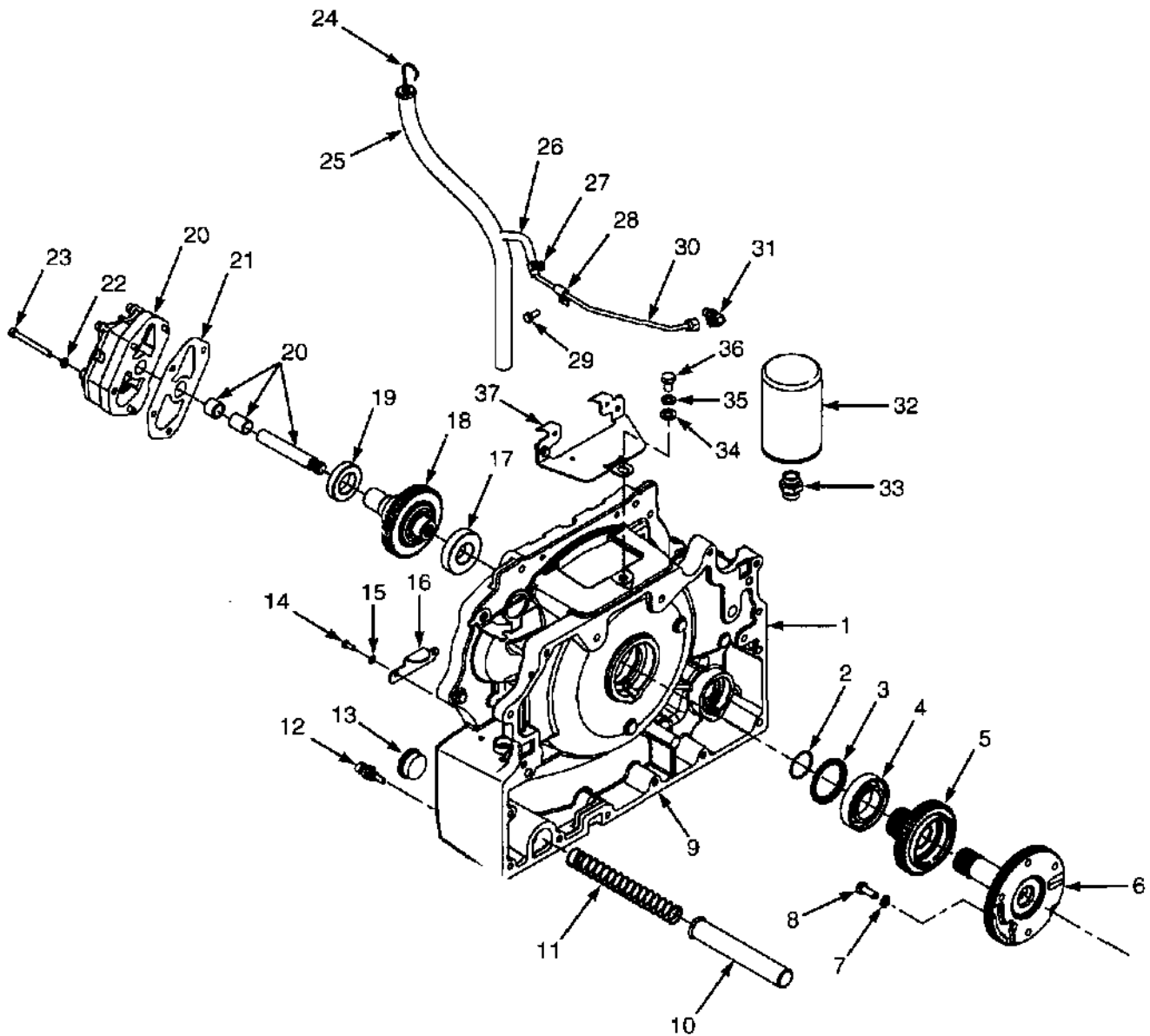
ITEM	PART NO.	DESCRIPTION	QTY
1	2067598	Tube .....	1
2	1561780	Clip .....	1
3	1527876	Capscrew.....	1
4	1486749	Fitting.....	1
5	16485	O-Ring.....	1
6	2067597	Tube .....	1
7	1487067	Fitting.....	1
7	252729	O-Ring.....	1
7	16485	O-Ring.....	1
8	1582449	Flange Seal .....	1
9	2075551	Hose .....	1
10	1565127	Fitting.....	2
11	1562648	Clip .....	1
12	1527879	Capscrew.....	1
13	1480237	Clip Nut.....	1
14	1350215	Nut (Foldover).....	1
15	2079032	Hose .....	1



**TRANSMISSION  
SINGLE SPEED  
SHEET 1 OF 2**

ITEM	PART NO.	DESCRIPTION	QTY
	1550565	Transmission Assembly (Single Speed) .....	1
1	1570361	Control Valve (☞ Figure 5-9) .....	1
2	292509	Capscrew .....	11
3	320157	Washer .....	12
4	1570360	Gasket .....	1
5	233693	Fitting.....	1
6	1550577	Housing (Transmission).....	1
7	1547447	Oil Seal.....	1
8	1550578	Yoke (24 Teeth).....	1
9	18595	Capscrew .....	1
10	15158	Lockwasher .....	1
11	15135	Washer .....	1
12	1595421	Clutch Pack Assembly (Counter/Reverse) (☞ Figure 5-8) .....	1
13	1595420	Clutch Pack Assembly (Input/Forward) (☞ Figure 5-7) .....	1
14	1541231	Sensor (Speed) .....	1
15	1541232	Sensor .....	1
16	292680	Lockwasher .....	4
17	292500	Capscrew .....	4
18	86229	Washer .....	1
19	43208	Bearing.....	1
20	1585745	Gear (Output).....	1
21	1516851	Spacer.....	1
22	1516849	Nut.....	1
23	58916	Snap Ring .....	1
24	44308	Ball Bearing .....	1
25	1550575	Housing (Front Cover) .....	1
26	1550576	Gasket (Cover To Transmission Housing) .....	1
27	292682	Lockwasher .....	24
28	292516	Capscrew .....	4
29	334560	Magnet .....	1
30	16682	O-Ring.....	1
31	1494750	Chain (Drive Pump).....	1
32	1544218	Sealing Ring.....	1
33	44310	Ball Bearing.....	1
34	303100	Pin.....	4
35	1553270	Snubber.....	2
36	1553475	O-Ring.....	1
37	222444	Fitting.....	1
38	303150	Pin.....	4
39	235691	Fitting.....	7
40	1525693	Compression Spring (Regulator).....	1
41	1525692	Spool (Regulator) .....	1
42	1359458	Capscrew .....	16
43	1553403	O-Ring.....	4
44	1566457	Baffle (Not Illustrated).....	1
45	1569768	Shield.....	1
46	1527879	Capscrew.....	1
47	1380849	Trim.....	2

## TRANSMISSION (Figure 5-6) SINGLE SPEED SHEET 2 OF 2

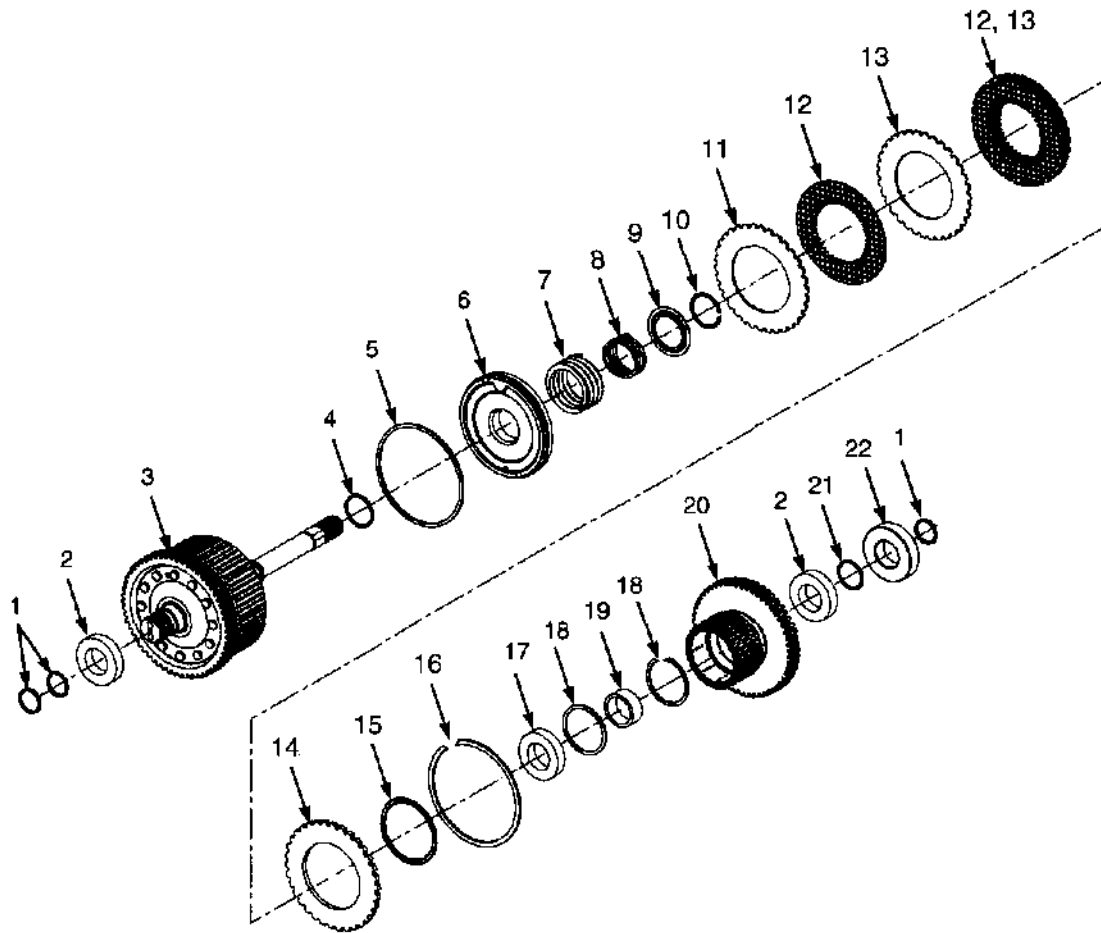


BP240043

**TRANSMISSION  
SINGLE SPEED  
SHEET 2 OF 2**

ITEM	PART NO.	DESCRIPTION	QTY
	1550565	Transmission Assembly (Single Speed) .....	1
1	1550566	Housing (Torque Converter) .....	1
2	145481	O-Ring .....	1
3	1544217	Oil Seal .....	1
4	1544216	Bearing .....	1
5	1541556	Sprocket .....	1
6	1550585	Stator Assembly .....	1
7	292682	Lockwasher .....	4
8	136985	Capscrew .....	4
9	1550573	Gasket .....	1
10	1550571	Screen (Suction) .....	1
11	1550572	Spring (Suction Screen) .....	1
12	1515654	Sensor (Coolant Temperature) .....	1
13	188210	Fitting .....	1
14	292500	Capscrew .....	2
15	292680	Lockwasher .....	2
16	1550567	Cover (Torque Converter Housing) .....	1
17	43207	Ball Bearing .....	1
18	1550574	Sprocket (Driven) .....	1
19	44307	Bearing .....	1
20	1529894	Charge Pump .....	1
21	1525696	Gasket (Charge Pump) .....	1
22	292681	Lockwasher .....	7
23	296022	Capscrew .....	4
24	1516818	Dipstick .....	1
25	1566166	Tube (Dipstick) .....	1
26	169690	Hose .....	1
27	1569616	Clamp .....	1
28	164488	Clamp .....	1
29	136681	Capscrew .....	3
30	1566168	Tube .....	1
31	1487063	Fitting .....	1
32	2075558	Filter .....	1
33	1558515	Fitting .....	1
34	320161	Washer .....	1
35	292683	Lockwasher .....	1
36	292526	Capscrew .....	1
37	1566169	Cover .....	1

## FORWARD CLUTCH (Figure 5-7) INPUT

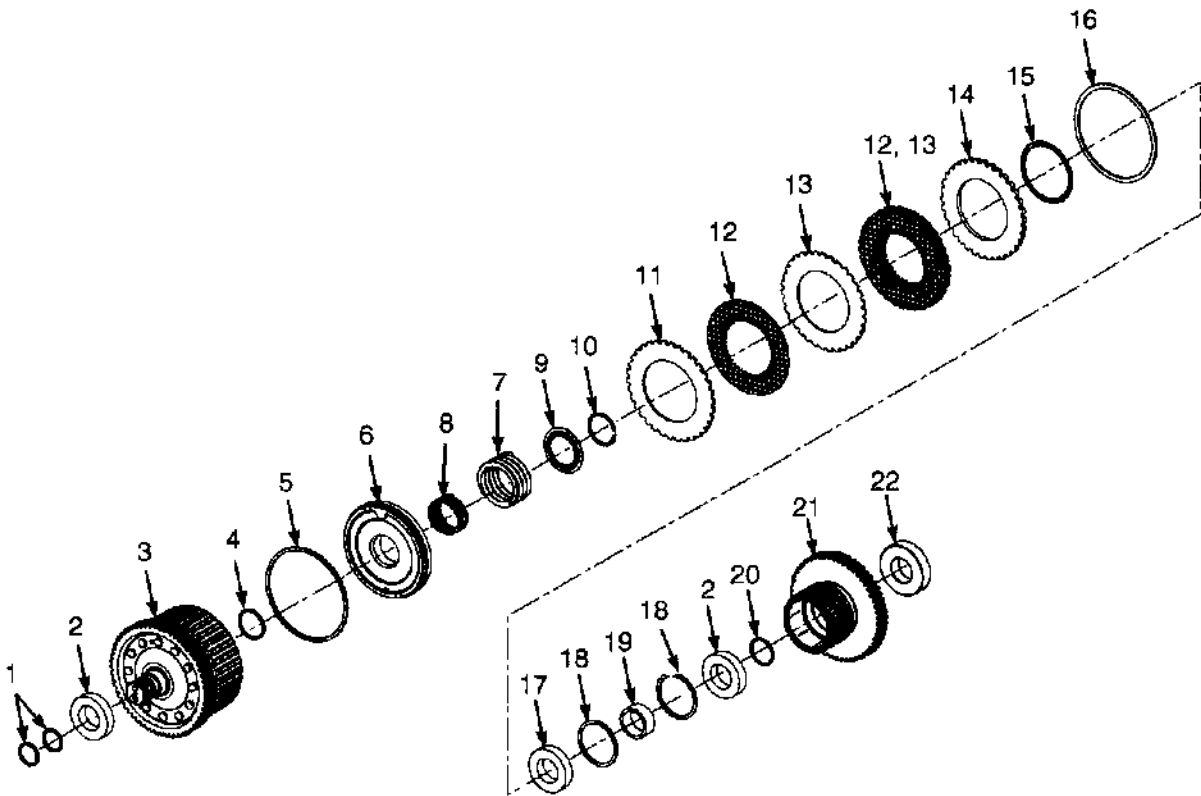


BP249049

**FORWARD CLUTCH  
INPUT**

ITEM	PART NO.	DESCRIPTION	QTY
	1595420	Clutch Pack Assembly (Input/Forward).....	1
1	.....	Ring Seal.....	3
2	1581116	Bearing.....	2
3	1581104	Gear and Shaft Assembly.....	1
4	.....	Ring Seal.....	1
5	.....	Ring Seal.....	1
6	1552525	Piston.....	1
7	1581108	Spring.....	1
8	1581098	Spring.....	1
9	1581099	Spring Guide.....	1
10	1581100	Snap Ring.....	1
11	.....	Conical Plate.....	1
12	.....	Friction Plate.....	5
13	.....	Separator Plate.....	4
14	1543094	Pressure Plate (5.8 mm).....	1
14	1537449	Pressure Plate (6.0 mm).....	1
14	1543096	Pressure Plate (5.6 mm).....	1
14	1543097	Pressure Plate (5.4 mm).....	1
14	1543098	Pressure Plate (5.2 mm).....	1
15	.....	O-Ring.....	1
16	1537450	Snap Ring.....	1
17	124603	Bearing.....	1
18	1581107	Snap Ring.....	2
19	1581117	Spacer.....	1
20	1595427	Clutch Gear.....	1
21	1581106	Snap Ring.....	1
22	43207	Ball Bearing.....	1
	1543105	Clutch Plates and Seals Kit (Includes Items 1, 4-5, 11-13, 15).....	1
	1543102	Clutch Pack Plates Kit (Includes Items 11-13).....	1
	1595425	Clutch Pack Seals Kit (Includes Items 1, 4-5, 15).....	1

## REVERSE CLUTCH (Figure 5-8) COUNTER

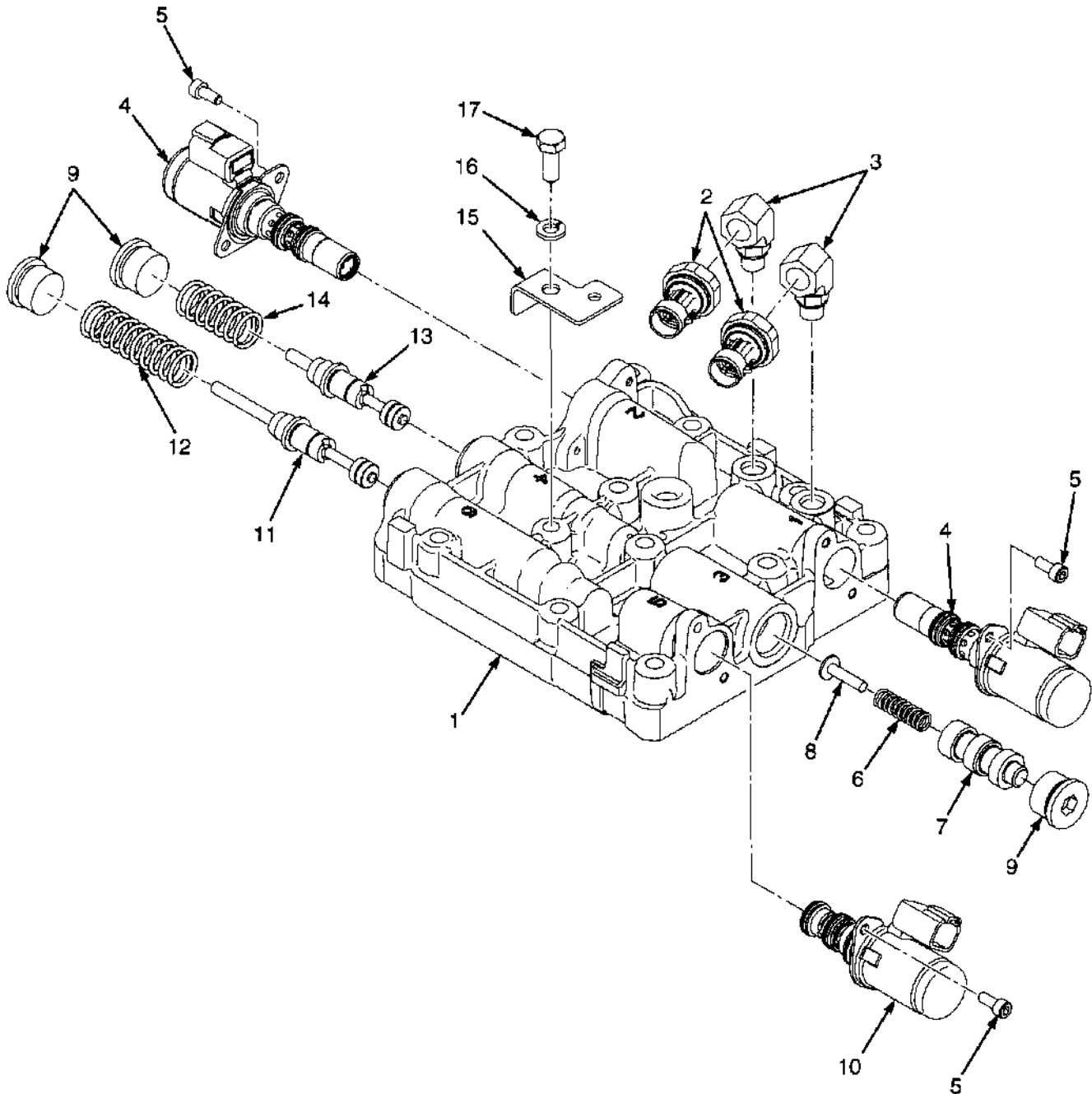


BP240051

**REVERSE CLUTCH  
COUNTER**

ITEM	PART NO.	DESCRIPTION	QTY
	1595421	Clutch Pack Assembly (Counter/Reverse).....	1
1	.....	Seal.....	2
2	1581116	Bearing.....	2
3	1581114	Gear and Shaft Assembly.....	1
4	.....	Seal.....	1
5	.....	Seal.....	1
6	1552525	Piston.....	1
7	1581108	Spring.....	1
8	1581098	Spring.....	1
9	1581099	Spring Guide.....	1
10	1581100	Snap Ring.....	1
11	.....	Conical Plate.....	1
12	.....	Friction Plate.....	5
13	.....	Separator Plate.....	4
14	1543094	Pressure Plate (5.8 mm).....	1
14	1537449	Pressure Plate (6.0 mm).....	1
14	1543096	Pressure Plate (5.6 mm).....	1
14	1543097	Pressure Plate (5.4 mm).....	1
14	1543098	Pressure Plate (5.2 mm).....	1
15	.....	O-Ring.....	1
16	1537450	Snap Ring.....	1
17	124603	Bearing.....	1
18	1581107	Snap Ring.....	1
19	1581117	Spacer.....	1
20	1581106	Snap Ring.....	1
21	1595427	Clutch Gear.....	1
22	43207	Ball Bearing.....	1
	1543105	Clutch Plates and Seals Kit (Includes Items 1, 4-5, 11-13, 15).....	1
	1543102	Clutch Pack Plates Kit (Includes Items 11-13).....	1
	1595425	Clutch Pack Seals Kit (Includes Items 1, 4-5, 15).....	1

## CONTROL VALVE (Figure 5-9) TRANSMISSION



BP240046

**CONTROL VALVE  
TRANSMISSION**

ITEM	PART NO.	DESCRIPTION	QTY
	1570361	Control Valve .....	1
1	1570363	Body .....	1
2	2070263	Transducer.....	2
3	1545546	Fitting.....	2
3	16481	O-Ring.....	2
4	1530722	Proportional Valve.....	2
5	293742	Capscrew .....	6
6	1590866	Spring (Return).....	1
7	1590865	Spool (Cut-Off) .....	1
8	1590839	Spool Stop.....	1
9	233693	Fitting.....	3
10	1520660	Solenoid Valve.....	1
11	1544758	Spool (Regulator) .....	1
12	1550561	Spring (Regulator).....	1
13	1544759	Spool (Torque Converter Regulator) .....	1
14	1514138	Spring (Torque Converter Regulator) .....	1
15	1562310	Clip.....	1
16	292681	Lockwasher .....	1
17	136681	Capscrew .....	1