

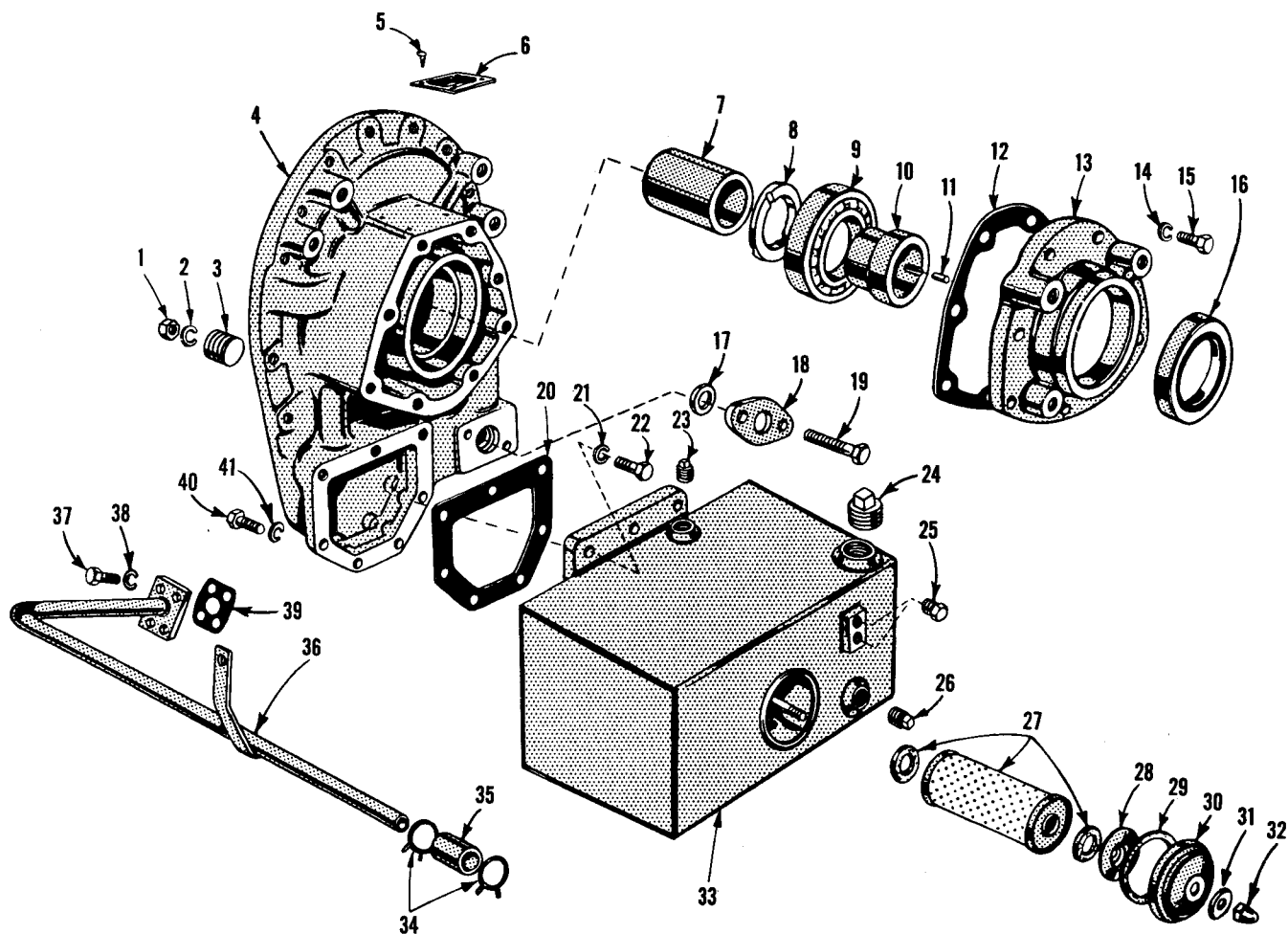


FIG XVII. OIL SUMP ADAPTER, EXPLODED VIEW

GROUP A
OIL SUMP ADAPTER, Figure XVII

REF	NOMENCLATURE	PART NO	REQ
1	NUT, Hx. 7/16	271505	2
2	WASHER, Lock, 7/16.	103322	2
3	PLUG Hx socket, 1 1/4.	106644	1
4	ADAPTER, Transmission sump.	6773271	1
5	SCREW, Drive No. 4 x 1/4.	142862	4
6	PLATE, Transmission name.	6768268	1
7	SPACER.	6773268	1
8	WASHER, Thrust.	6773269	1
9	BEARING, Single row ball (ND 3215X1A)	903215	1
10	SLEEVE.	6773270	1
11	PIN, Sleeve retaining	6768722	1
12	GASKET, Bearing retainer.	6768730	1
13	RETAINER, Rear bearing.	6773277	1
14	WASHER, Lock, 3/8	103321	8
15	BOLT, Hx hd, 3/8-16 x 1 3/8	179842	8
16	SEAL, Output flange lip type oil.	6773292	1
17	RING, Pump suction tube seal, rectangular cross section	6770811	1
18	PLATE, Seal retainer.	6768968	1
19	BOLT, Hx hd, 7/16-20 x 3 1/2	181413	2
20	GASKET, Sump.	6758195	1
21	WASHER, Lock, 7/16	103322	3
22	BOLT, Hx hd, 7/16-14 x 1 1/2.	179862	3
23	PLUG, Sq hd pipe, 3/8	445686	1
24	PLUG, Oil filler, sq hd pipe, 1 1/4	143938	1
25	PLUG, Oil level check, hx hd pipe, 1/4.	444618	2
26	PLUG, Sump drain, sq hd pipe, 3/4	444592	1
27	SCREEN, Oil	6769996	1
28	RETAINER, Oil screen.	6757774	1
29	GASKET, Oil screen cover.	5576443	1
30	COVER, Oil screen	6769995	1
31	WASHER, Plain, 11/32 x 11/16 x .065	115308	1
32	NUT, Crown, 5/16.	131642	1
33	SUMP, Transmission oil.	6768733	1
34	CLAMP, Hose	272853	2
35	HOSE, Pump tube	6768967	1
36	TUBE, Scavenge pump return.	6777791	1
	(For transmissions equipped with VALVE BODIES P/N 6768725 and 6771379 order P/N 6768970)		
37	BOLT, Hx hd, 3/8-16 x 1	179839	4
38	WASHER, Lock, 3/8	103321	4
39	GASKET, Pump tube	6758218	1
40	BOLT, Hx hd, 7/16-20 x 1 1/4.	181397	4
41	WASHER, Lock, 7/16.	103322	4

GROUP B
OIL SUMP ADAPTER, Figure XVII

Same as Group A except for parts listed below.

1-3 Not used in this group.
17-41 Not used in this group.

PARKING BRAKE GROUP

To find detail parts for your Allison Torqmatic Transmission, turn to the group listed opposite the assembly part number of your transmission.

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6771074	CRT 3531-1	A	6775987	CRT 3531-1	A
6771321	CRT 3531-1	A	6776529	CRT 3531-1	A
6771392	CRT 3531-1	A	6776572	CRT 3531-1	A
6771647	CRT 3531-1	A	6776606	CRT 3531-1	A
6771924	CRT 3531-1	A	6776607	CRT 3531-1	A
6771940	CRT 3531-1	A	6776642	CRT 3531-3	A
6772118	CRT 3531-1	A	6776755	CRT 3531-1	A
6772456	CRT 3531-1	B	6776814	CRT 3531-1	A
6773267	CRT 3531-3	A	6776956	CRT 3531-1	A
6773297	CRT 3531-1	A	6776986	CRT 3531-1	A
6773323	CRT 3531-3	A	6777038	CRT 3531-1	A
6773505	CRT 3531-1	A	6777038	CRT 3630-1	A
6773852	CRT 3531-1	B	6777118	CRT 3531-1	A
6773937	CRT 3531-1	A	6777129	CRT 3531-1	A
6774041	CRT 3531-1	A	6777130	CRT 3531-1	A
6774047	CRT 3531-1	A	6777130	CRT 3630-1	A
6774275	CRT 3531-1	A	6777153	CRT 3531-3	A
6774330	CRT 3531-3	A	6777444	CRT 3531-1	A
6774641	CRT 3531-3	A	6777569	CRT 3531-1	A
6774669	CRT 3531-1	A	6777695	CRT 3531-1	A
6774699	CRT 3531-1	A	6777794	CRT 3531-1	A
6774875	CRT 3531-1	A	6777946	CRT 3531-1	A
6775537	CRT 3531-1	A	6778140	CRT 3630-1	A
6775552	CRT 3531-1	A	6778207	CRT 3531-1	A
6775826	CRT 3531-1	A	6778370	CRT 3531-3	A

* A/N (Assembly number) found on your transmission name plate.

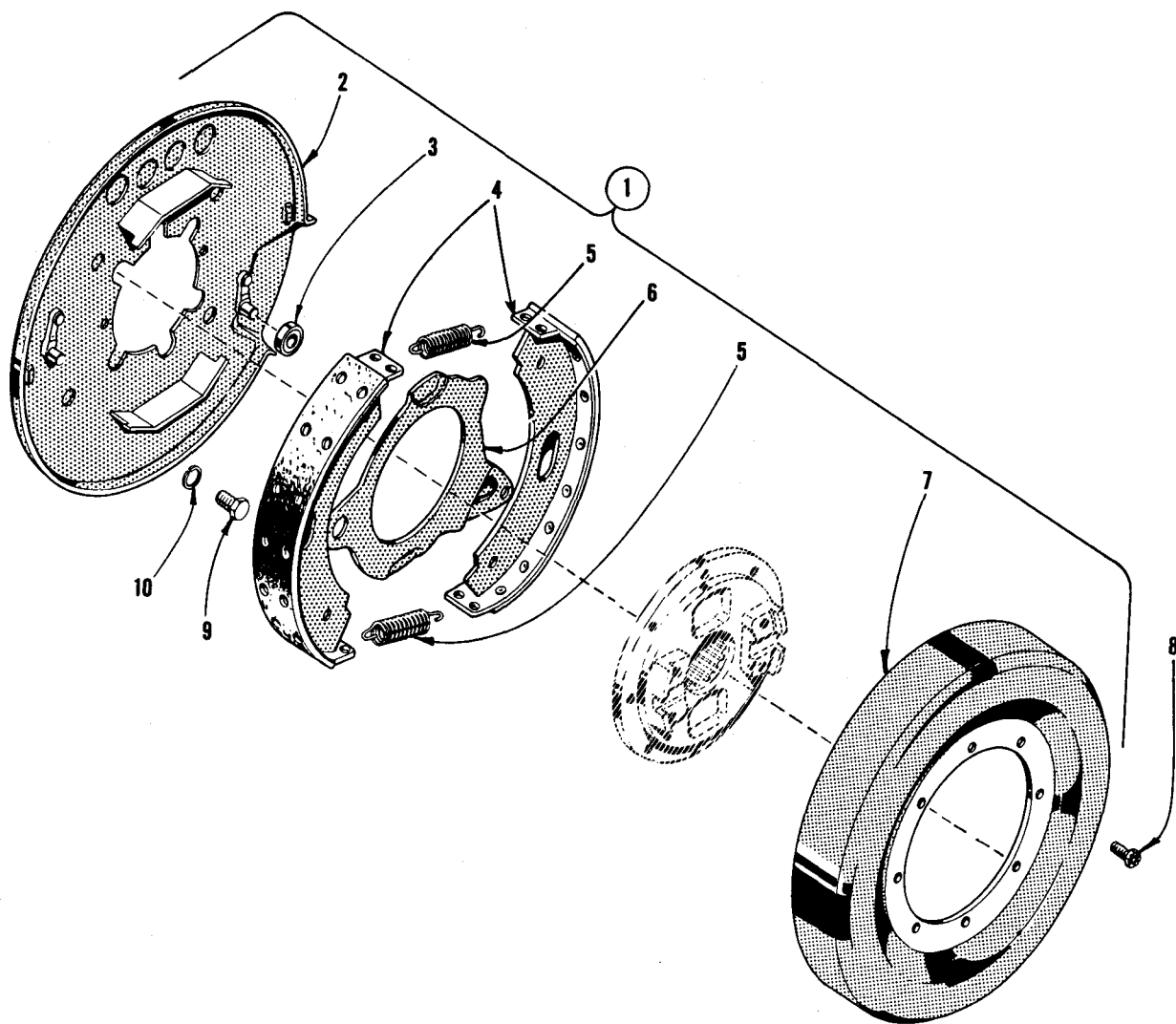


FIG XVIII. PARKING BRAKE, EXPLODED VIEW

GROUP A
PARKING BRAKE, Figure XVIII

REF	NOMENCLATURE	PART NO	REQ
1	BRAKE ASSY, Parking	6757357	1
2	PLATE, Brake backing	6771675	1
3	ROLLER	9030126	1
4	SHOE & LINING	6758262	2
5	SPRING, Brake shoe return	6758260	2
6	LEVER, Operating cam	6758261	1
7	DRUM, Brake	6758259	1
8	BOLT, Hx hd, self-locking, 3/8-24 x 3/4	9409131	8
9	BOLT, Hx hd. 5/8-11 x 1 1/4	271556	3
10	WASHER, Lock, 5/8	103325	3

GROUP B
PARKING BRAKE, Figure XVIII

Same as Group A, except for parts listed below.

8 Not used in this group.

CONTROL VALVE BODY GROUP

To find detail parts for your Allison Torqmatic Transmission, turn to the group listed opposite the assembly part number of your transmission.

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6771074	CRT 3531-1	D	6775918	CRT 3531-3	A
6771321	CRT 3531-1	E	6775987	CRT 3531-1	A
6771392	CRT 3531-1	D	6776529	CRT 3531-1	D
6771647	CRT 3531-1	C	6776572	CRT 3531-1	C
6771924	CRT 3531-1	D	6776606	CRT 3531-1	A
6771940	CRT 3531-1	D	6776607	CRT 3531-1	C
6772034	CRT 3531-1	D	6776642	CRT 3531-3	A
6772118	CRT 3531-1	D	6776755	CRT 3531-1	A
6772456	CRT 3531-1	D	6776814	CRT 3531-1	A
6773267	CRT 3531-3	A	6776956	CRT 3531-1	C
6773297	CRT 3531-1	A	6776986	CRT 3531-1	C
6773323	CRT 3531-3	B	6777038	CRT 3531-1	C
6773505	CRT 3531-1	A	6777038	CRT 3630-1	C
6773629	CRT 3531-1	A	6777039	CRT 3531-3	A
6773706	CRT 3531-3	A	6777118	CRT 3531-1	C
6773852	CRT 3531-1	A	6777129	CRT 3531-1	C
6773937	CRT 3531-1	A	6777130	CRT 3531-1	C
6774041	CRT 3531-1	C	6777130	CRT 3630-1	C
6774047	CRT 3531-1	A	6777153	CRT 3531-3	C
6774275	CRT 3531-1	A	6777154	CRT 3531-1	A
6774330	CRT 3531-3	C	6777232	CRT 3531-3	A
6774641	CRT 3531-3	A	6777444	CRT 3531-1	A
6774669	CRT 3531-1	A	6777569	CRT 3531-1	C
6774699	CRT 3531-1	C	6777695	CRT 3531-1	A
6774741	CRT 3531-3	B	6777794	CRT 3531-1	A
6774875	CRT 3531-1	A	6777946	CRT 3531-1	D
6775537	CRT 3531-1	A	6778140	CRT 3630-1	C
6775552	CRT 3531-1	B	6778207	CRT 3531-1	C
6775826	CRT 3531-1	C	6778370	CRT 3531-3	B
6775917	CRT 3531-3	A			

* A/N (Assembly number) found on your transmission name plate.

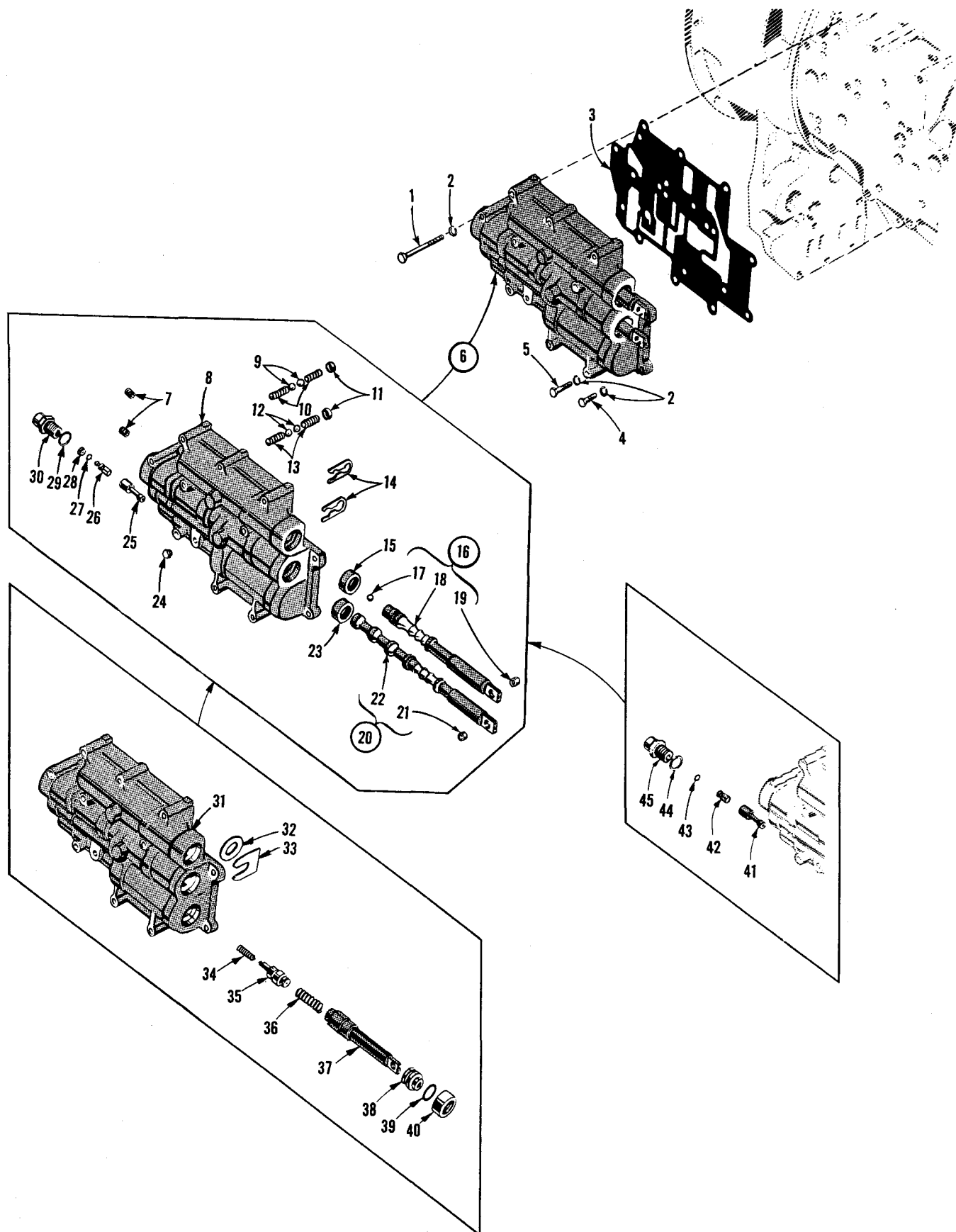


FIG XIX. CONTROL VALVE BODY, EXPLODED VIEW

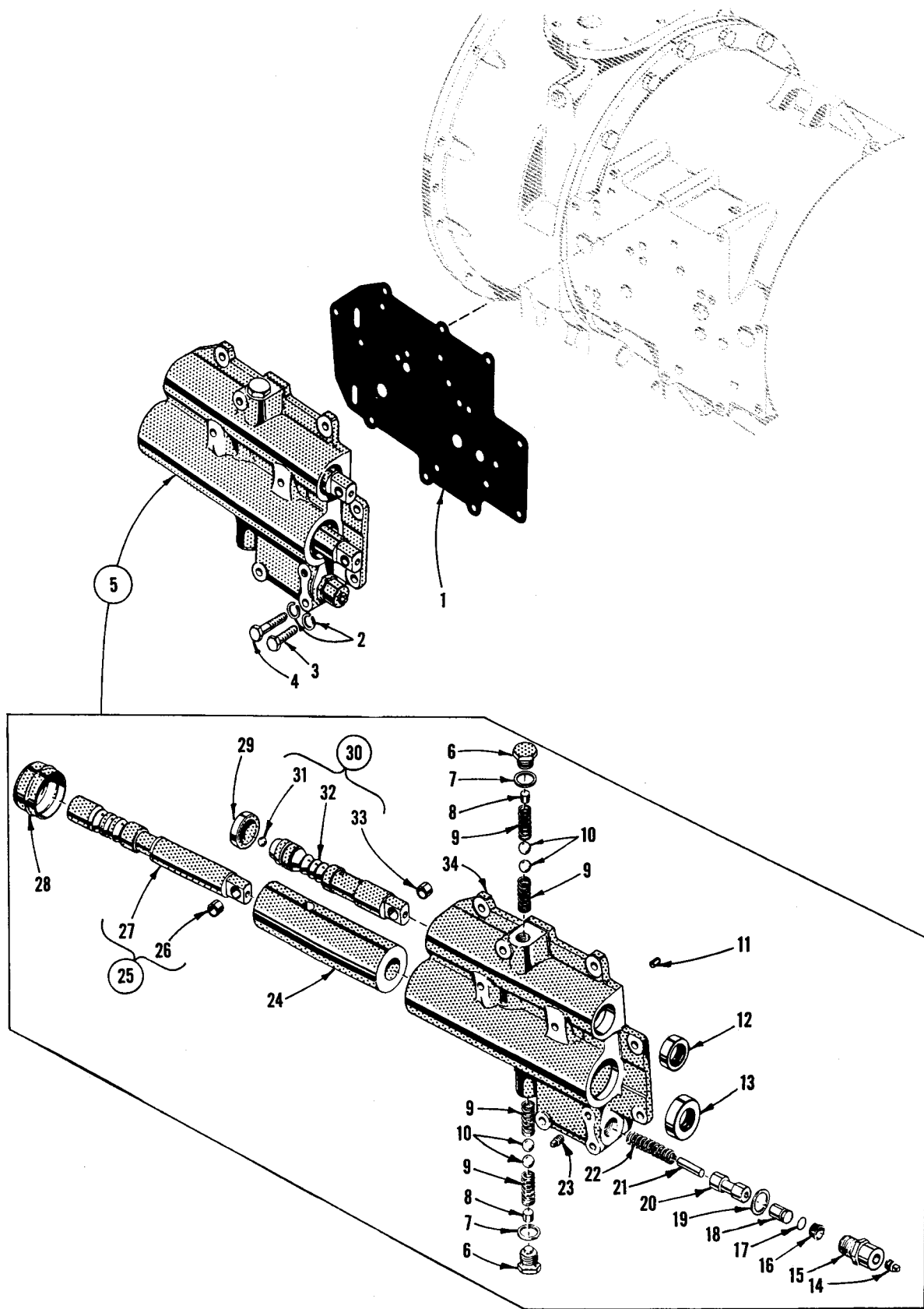


FIG XIX-1. CONTROL VALVE BODY, EXPLODED VIEW

GROUP A
CONTROL VALVE BODY, Figure XIX
 (Control Valve Body with Hydraulically Actuated Clutch Cutoff Valve)

REF	NOMENCLATURE	PART NO	REQ
1	BOLT, Hx hd, 3/8-16 x 3 1/2	186283	3
2	WASHER, Lock, 3/8	103321	11
3	GASKET, Control valve body.	6772057	1
4	BOLT, Hx hd, 3/8-16 x 1 1/4	179841	2
5	BOLT, Hx hd, 3/8-16 x 2 1/2	179849	6
6	BODY ASSY, Control valve.	6773645	1
7	PLUG, Sq socket, dry seal, 3/8	444660	2
8	BODY, Control valve.	6772066	1
9	BALL, Detent selector valve.	145659	2
10	SPRING, Range selector valve detent, 6.3 coils, .593 OD, .053-.055 wire dia (two coils coated red)	6773631	2
11	RETAINER, Detent spring.	6772054	2
12	BALL, Detent, forward and reverse valve. . .	145659	2
13	SPRING, Forward and reverse valve detent, 7 coils, .593 OD, .053-.055 wire dia (two coils coated yellow)	6773641	2
14	STOP, Valve.	6772053	2
15	SEAL, Range selector valve lip type oil. . .	6703159	1
16	VALVE ASSY, Range selector	6772067	1
17	BALL.	145656	1
18	VALVE, Range selector	6772059*	1
19	BUSHING, Valve.	6769402	1
20	VALVE ASSY, Forward and reverse.	6772069	1
21	BUSHING, Valve.	6769402	1
22	VALVE, Forward and reverse.	6772056*	1
23	SEAL, Fwd and reverse valve lip type oil . .	6703159	1
24	PLUG, Hx hd, pipe, 1/8	444612	1
25	VALVE, Clutch cut-off	6772078	1
26	PLUG, Clutch cut-off valve	6771914	1
27	RING, Clu cut-off valve plug "O" ring type seal	6750558	1
28	CUP, Cut-off valve plug.	6771913	1
29	GASKET, Plug	105456	1
30	PLUG, Cut-off valve retainer	6758306	1
31-45	Not used in this group.		

GROUP B
CONTROL VALVE BODY, Figure XIX
 (Three Spool Inching Control without Clutch Cutoff Valve)
 Same as Group A, except for parts listed below.

6	BODY ASSY, Control valve.	6773644	1
8	Not used in this group.		
25-30	Not used in this group.		
31	BODY, Control valve.	6772063	1
32	WASHER, Inching valve.	6772043	1

(CONTINUED ON NEXT PAGE)

* Serviced as an assy only - not as a detail part.

GROUP B (CONT'D)
CONTROL VALVE BODY, Figure XIX
 (Three Spool Inching Control without Clutch Cutoff Valve)

REF	NOMENCLATURE	PART NO	REQ
33	STOP, Inching valve.	6772049	1
34	SPRING, Inching regulator valve, 14.6 coils, .384 OD, .040-.042 wire dia	6770298	1
35	VALVE, Inching regulator	6772055	1
36	SPRING, Inching valve, 15.5 coils, .806 OD, .084-.086 wire dia	6772046	1
37	VALVE, Inching control	6772052	1
38	PLUG, Inching valve.	6772045	1
39	RING, Inching valve plug "O" ring type seal.	6772051	1
40	SEAL, Inching valve lip type oil	6772050	1
41-45	Not used in this group.		

GROUP C
CONTROL VALVE BODY, Figure XIX
 (Control Valve Body with Air Actuated Clutch Cutoff Valve)
 Same as Group A, except for parts listed below.

6	BODY ASSY, Control valve.	6773646	1
25-40	Not used in this group.		
41	VALVE, Clutch cut-off	6772078	1
42	PLUG, Valve	6758305	1
43	RING, Cut-off valve plug "O" ring type seal.	6750558	1
44	GASKET, Cut-off valve plug	105456	1
45	PLUG, Cut-off valve retainer	6771378	1

GROUP D
CONTROL VALVE BODY, Figure XIX-1
 (Inching Control Valve with Hydraulically Actuated Clutch Cutoff Valve)

1	GASKET, Selector valve body	6759499	1
2	WASHER, Lock, 3/8	103321	11
3	BOLT, Hx hd, 3/8-16 x 1 1/4	179841	6
4	BOLT, Hx hd, 3/8-16 x 3	179851	5
5	BODY ASSY, Control valve.	6768725	1
6	PLUG, Hx hd, 3/4-16 UNF	6772115	2
7	GASKET, Copper	6768523	1
8	PIN, 3/8 x .535	6750945	2
9	SPRING, Valve detent, 9 coils, .563 OD, .062-.064 wire dia	6703162	4
10	BALL, 5/8	145659	4
11	PIN, Spring type A	453675	1
12	SEAL, Range selector valve lip type oil. . .	6703159	1
13	SEAL, Fwd and reverse valve lip type oil . .	6757264	1
14	PLUG, Pipe, 1/8	445684	1
15	PLUG, Cut-off valve retainer	6758306	1
16	CUP, Clutch cut-off valve plug	6771913	1
17	RING, Cut-off valve plug "O" ring type seal.	6750558	1

(CONTINUED ON NEXT PAGE)

GROUP D (CONT'D)
CONTROL VALVE BODY, Figure XIX-1
(Inching Control Valve with Hydraulically Actuated Clutch Cutoff Valve)

REF	NOMENCLATURE	PART NO	REQ
18	PLUG, Clutch cut-off valve	6771914	1
19	GASKET, Annular, 7/8	105456	1
20	VALVE, Clu cut-off	6758304	1
21	PIN, 3/8 x 1 3/8	103772	1
22	SPRING, Clutch cut-off valve, 17 coils, .550 OD, .071-.073 wire dia	6757251	1
23	PLUG, Pipe, 1/8	445684	1
24	SLEEVE, Forward and reverse shift valve	6769645	1
25	VALVE ASSY, Forward and reverse	6769440	1
26	BUSHING	6769402	1
27	VALVE, Forward and reverse	6768726*	1
28	CUP	499204	1
29	CAP, Range selector valve.	6774572	1
30	VALVE ASSY, Range selector	6757263	1
31	BALL, 15/32 dia	145656	1
32	VALVE, Range selector	6757262*	1
33	BUSHING	6769402	1
34	BODY, Valve selector	6769643	1

GROUP E
CONTROL VALVE BODY, Figure XIX-1
(Inching Control Valve with Air Actuated Clutch Cutoff Valve)
Same as Group D, except for parts listed below.

5	BODY ASSY, Control valve.	6771379	1
14	Not used in this group.		
15	PLUG, Cut-off valve retainer	6771378	1
16	Not used in this group.		

* Serviced as an assy only - not as a detail part.

PRESSURE REGULATOR VALVE GROUP

To find detail parts for your Allison Torqmatic Transmission, turn to the group listed opposite the assembly part number of your transmission.

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6771074	CRT 3531-1	A	6775918	CRT 3531-3	A
6771321	CRT 3531-1	A	6775987	CRT 3531-1	A
6771392	CRT 3531-1	A	6776529	CRT 3531-1	A
6771647	CRT 3531-1	A	6776572	CRT 3531-1	A
6771924	CRT 3531-1	A	6776606	CRT 3531-1	A
6771940	CRT 3531-1	A	6776607	CRT 3531-1	A
6772034	CRT 3531-1	A	6776642	CRT 3531-3	A
6772118	CRT 3531-1	A	6776755	CRT 3531-1	A
6772456	CRT 3531-1	A	6776814	CRT 3531-1	A
6773267	CRT 3531-3	A	6776956	CRT 3531-1	A
6773297	CRT 3531-1	A	6776986	CRT 3531-1	A
6773323	CRT 3531-3	A	6777038	CRT 3531-1	A
6773505	CRT 3531-1	A	6777038	CRT 3630-1	A
6773629	CRT 3531-1	A	6777039	CRT 3531-3	A
6773706	CRT 3531-3	A	6777118	CRT 3531-1	A
6773852	CRT 3531-1	A	6777129	CRT 3531-1	A
6773937	CRT 3531-1	A	6777130	CRT 3531-1	A
6774041	CRT 3531-1	A	6777130	CRT 3630-1	A
6774047	CRT 3531-1	A	6777153	CRT 3531-3	A
6774275	CRT 3531-1	A	6777154	CRT 3531-1	A
6774330	CRT 3531-3	A	6777232	CRT 3531-3	A
6774641	CRT 3531-3	A	6777444	CRT 3531-1	A
6774669	CRT 3531-1	A	6777569	CRT 3531-1	A
6774699	CRT 3531-1	A	6777695	CRT 3531-1	A
6774741	CRT 3531-3	A	6777794	CRT 3531-1	A
6774875	CRT 3531-1	A	6777946	CRT 3531-1	A
6775537	CRT 3531-1	A	6778140	CRT 3630-1	A
6775552	CRT 3531-1	A	6778207	CRT 3531-1	A
6775826	CRT 3531-1	A	6778370	CRT 3531-3	A
6775917	CRT 3531-3	A			

*A/N (Assembly number) found on your transmission name plate.

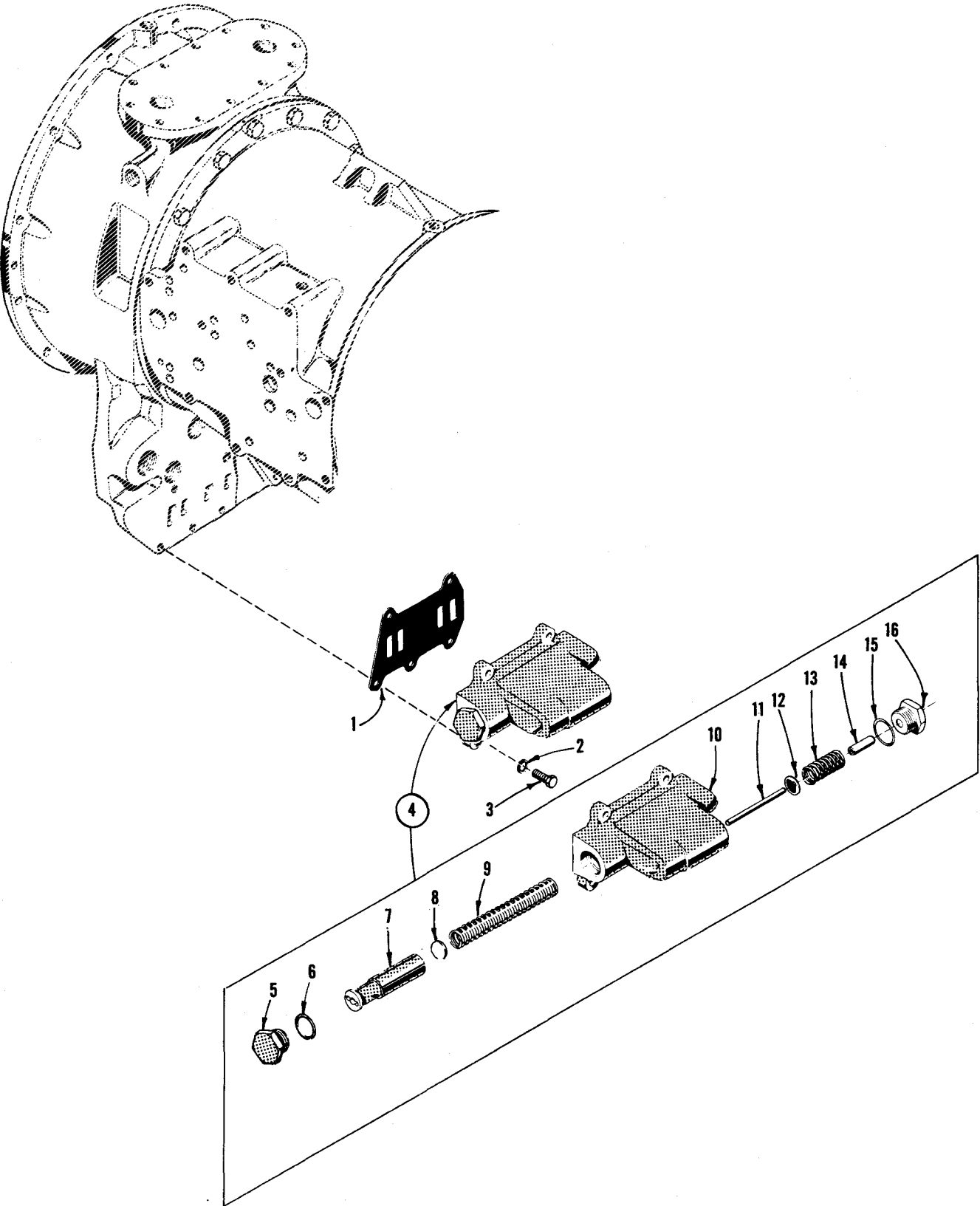


FIG XX. PRESSURE REGULATOR VALVE, EXPLODED VIEW

GROUP A
PRESSURE REGULATOR VALVE, Figure XX

REF	NOMENCLATURE	PART NO	REQ
1	GASKET, Pressure regulator valve body	6757205	1
2	WASHER, Lock, 3/8	103321	5
3	BOLT, 3/8-16 x 1 1/4	179841	5
4	BODY ASSY, Pressure regulator valve	6772432	1
5	PLUG, Hx hd, straight thread, 1 1/4-12	6756622	1
6	GASKET	142756	1
7	VALVE, Main pressure regulator (Prior to S/N 21354 on Assy 6771647 and S/N 22101 on all other models use 6771289. Starting with S/N 21354 on Assy 6771647 and S/N 22101 on all other models use 6772429)	6772429	1
8	SHIM, Main pressure regulator	6770423	AR
9	SPRING, Presr regulating, 22 coils .875 OD, .1605-.1635 wire dia (Two coils coated yellow)	6771307	1
10	BODY, Pressure regulator valve (Prior to S/N 6772427 21354 on Assy 6771647 and S/N 22101 on all other models use 6759472. Starting with S/N 21354 on Assy 6771647 and S/N 22101 on all other models use 6772427)		1
11	PIN, Valve guide	6772428	1
12	VALVE, Pressure relief	6756164	1
13	SPRING, Presr relief valve, 12 coils, .500 OD, .100-.104 wire dia	6772453	1
14	TUBE, Spring guide	6772452	1
15	GASKET, Relief valve plug.	142756	1
16	PLUG, Pressure relief valve straight thread, 1 1/4-12	6756622	1

INPUT-DRIVEN CHARGING OIL PUMP GROUP

To find detail parts for your Allison Torqmatic Transmission, turn to the group listed opposite the assembly part number of your transmission.

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6771074	CRT 3531-1	C	6775918	CRT 3531-3	B
6771321	CRT 3531-1	A	6775987	CRT 3531-1	A
6771392	CRT 3531-1	A	6776529	CRT 3531-1	A
6771647	CRT 3531-1	A	6776572	CRT 3531-1	A
6771924	CRT 3531-1	A	6776606	CRT 3531-1	C
6771940	CRT 3531-1	A	6776607	CRT 3531-1	A
6772034	CRT 3531-1	A	6776642	CRT 3531-3	B
6772118	CRT 3531-1	C	6776755	CRT 3531-1	A
6772456	CRT 3531-1	A	6776814	CRT 3531-1	A
6773267	CRT 3531-3	B	6776956	CRT 3531-1	A
6773297	CRT 3531-1	A	6776986	CRT 3531-1	A
6773323	CRT 3531-3	B	6777038	CRT 3531-1	A
6773505	CRT 3531-1	A	6777038	CRT 3630-1	A
6773629	CRT 3531-1	A	6777039	CRT 3531-3	B
6773706	CRT 3531-3	B	6777118	CRT 3531-1	A
6773852	CRT 3531-1	A	6777129	CRT 3531-1	A
6773937	CRT 3531-1	A	6777130	CRT 3531-1	A
6774041	CRT 3531-1	A	6777130	CRT 3630-1	A
6774047	CRT 3531-1	C	6777153	CRT 3531-1	B
6774275	CRT 3531-1	C	6777154	CRT 3531-1	C
6774330	CRT 3531-3	B	6777232	CRT 3531-3	B
6774641	CRT 3531-3	B	6777444	CRT 3531-1	A
6774669	CRT 3531-1	A	6777569	CRT 3531-1	A
6774699	CRT 3531-1	C	6777695	CRT 3531-1	A
6774741	CRT 3531-3	B	6777794	CRT 3531-1	A
6774875	CRT 3531-1	A	6777946	CRT 3531-1	C
6775537	CRT 3531-1	A	6778140	CRT 3630-1	A
6775552	CRT 3531-1	A	6778207	CRT 3531-1	A
6775826	CRT 3531-1	C	6778370	CRT 3531-3	B
6775917	CRT 3531-3	B			

* A/N (Assembly number) found on your transmission name plate.

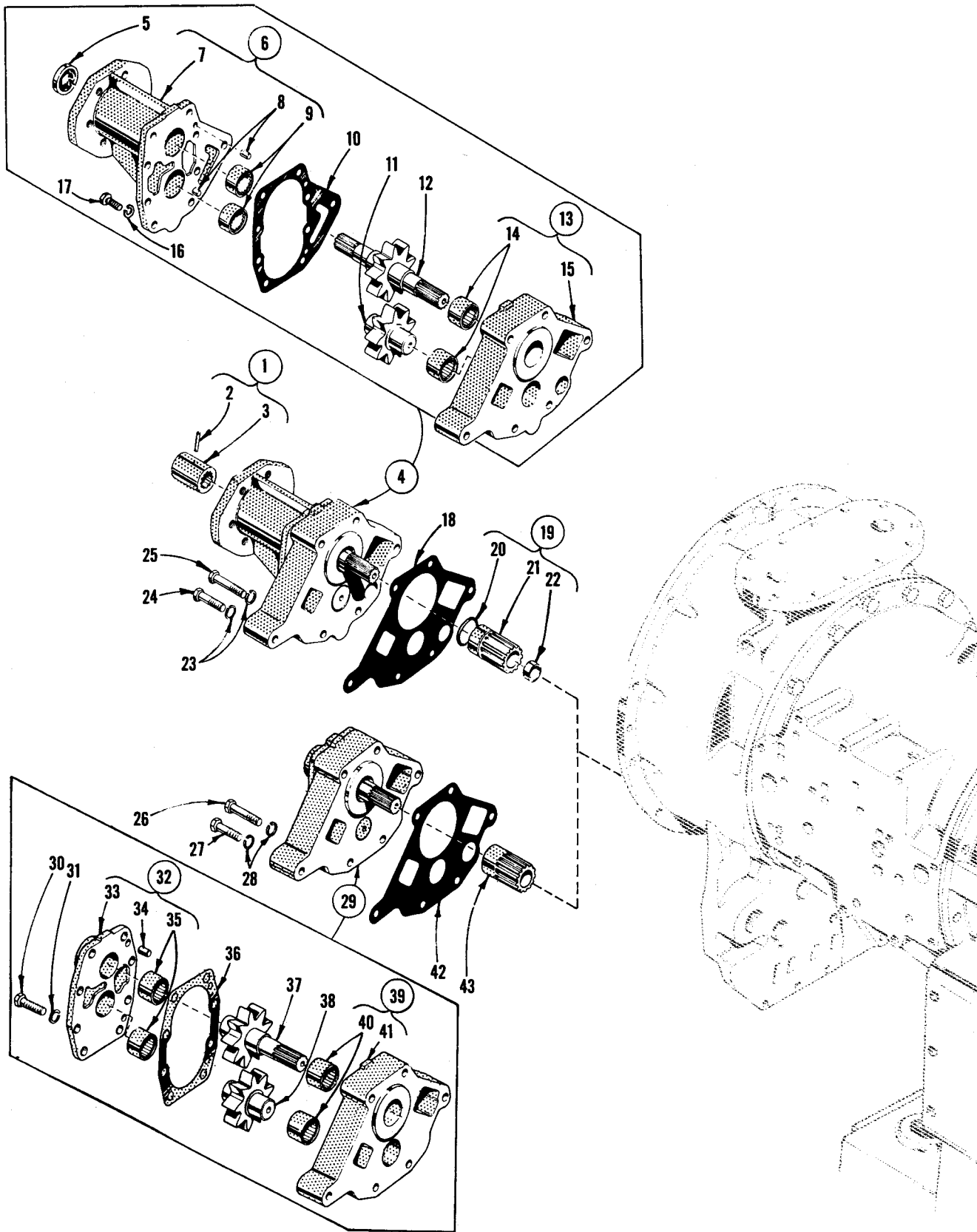


FIG XXI. INPUT-DRIVEN CHARGING OIL PUMP, EXPLODED VIEW

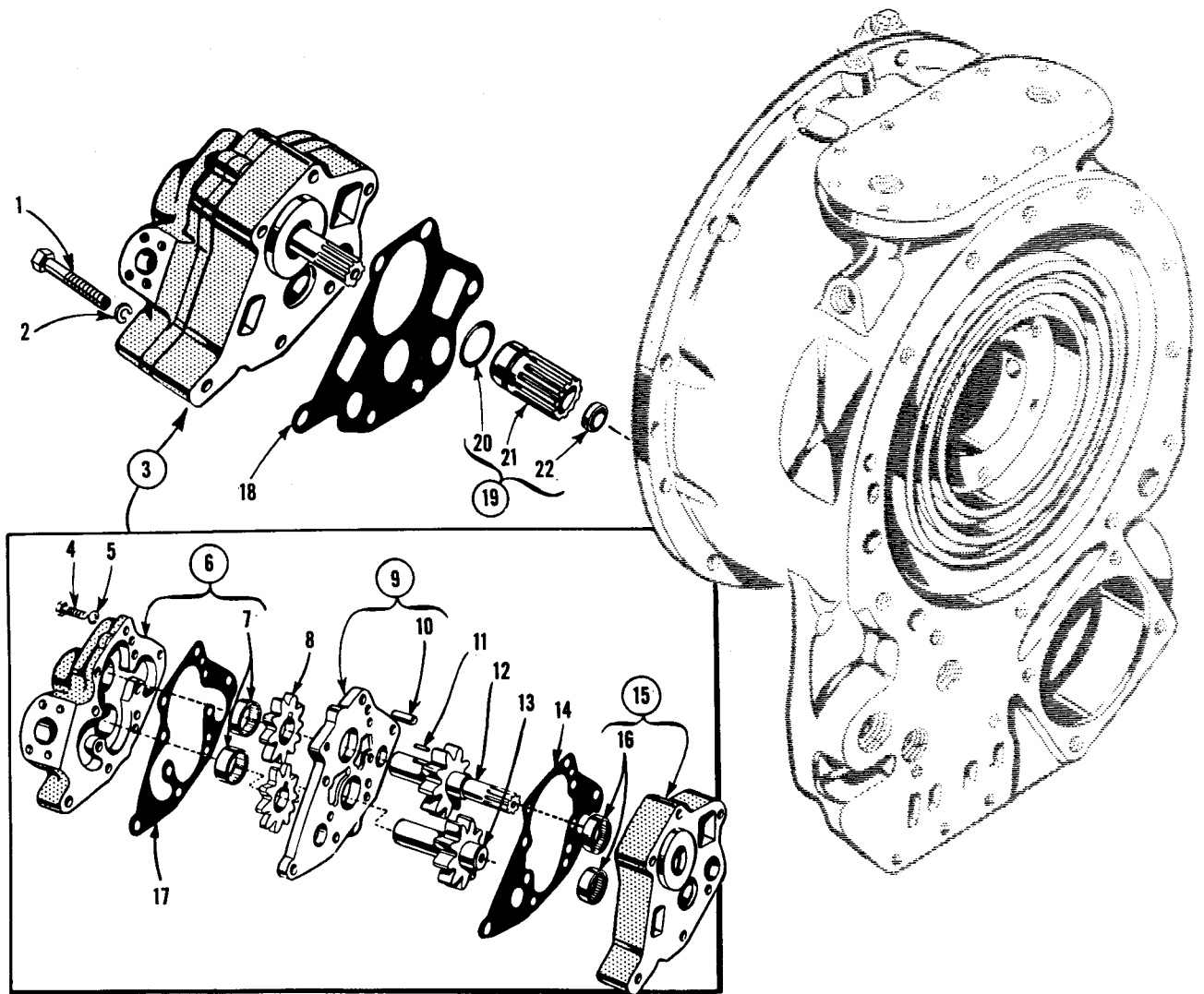


FIG XXI-1. INPUT-DRIVEN CHARGING OIL PUMP, EXPLODED VIEW

GROUP A
INPUT-DRIVEN CHARGING OIL PUMP, Figure XXI

REF	NOMENCLATURE	PART NO	REQ
1-25	Not used in this group.		
26	BOLT, Hx hd, 3/8-16 x 2 1/4	179848	2
27	BOLT, Hx hd, 3/8-16 x 2 3/4	179850	4
28	WASHER, Lock, 3/8	103321	6
29	PUMP ASSY, Input charging oil	6757165	1
30	BOLT, Hx hd, 3/8-16 x 1	179839	4
31	WASHER, Lock, 3/8	103321	4
32	COVER ASSY	6757153	1
33	COVER	6757194*	1
34	PIN, Dowel	443767*	2
35	BEARING, Needle	148415	2
36	GASKET	6757324	1
37	GEAR, Drive	6757163	1
38	GEAR, Driven	6757162	1
39	BODY ASSY	6757297	1
40	BEARING, Needle	148415	2
41	BODY	6757298*	1
42	GASKET.	6756002	1
43	COUPLING, Oil pump drive.	6774695	1

GROUP B
INPUT-DRIVEN CHARGING OIL PUMP, Figure XXI-1

1	BOLT, Hx hd, 3/8-16 x 3 3/4	186284	6
2	WASHER, Lock, 3/8	103321	6
3	PUMP ASSY, Input presr and scavenge oil	6758173	1
4	BOLT, Hx hd, 3/8-16 x 2 1/4.	179848	4
5	WASHER, Lock, 3/8.	103321	4
6	BODY ASSY, Scavenge oil pump	6769159	1
7	BEARING, Needle	148415	2
8	GEAR, Scavenge	6758529	2
9	PLATE ASSY	6769160	1
10	DOWEL	141199*	2
11	ROLLER	6758530	1
12	GEAR, Oil pump drive	6758568	1
13	GEAR, Oil pump idler	6758172	1
14	GASKET, Oil pump	6756124	1
15	BODY ASSY, Input pressure oil pump	6758194	1
16	BEARING, Needle	148415	2
17	GASKET, Scavenge pump.	6769413	1
18	GASKET, Pump mounting	6756002	1
19	COUPLING ASSY, Oil pump drive	6771961	1
20	RING, Coupling "O" ring type seal.	6764333	1
21	COUPLING	6771738*	1
22	PLUG	5150829	1

* Serviced as an assy only - not as a detail part.

GROUP C
 INPUT-DRIVEN CHARGING OIL PUMP, Figure XXI
 (With Auxiliary Drive Mounting)

REF	NOMENCLATURE	PART NO	REQ
1	COUPLING ASSY, Auxiliary drive	6771203	1
2	PIN	453676	1
3	COUPLING, Auxiliary drive	6771202*	1
4	PUMP ASSY, Input charging oil with auxiliary drive mounting	6771209	1
5	SEAL, Auxilliary drive lip type oil.	6771207	1
6	COVER ASSY, Oil pump	6771198	1
7	COVER, Oil pump	6771190*	1
8	PIN, Dowel	443767*	2
9	BEARING, Needle	148415	2
10	GASKET, Pump cover	6771197	1
11	GEAR, Pump driven	6757162	1
12	GEAR, Pump drive	6771199	1
13	BODY ASSY, Oil pump	6758194	1
14	BEARING, Needle	148415	2
15	BODY, Oil pump	6758192*	1
16	WASHER, Lock, 3/8	103321	4
17	BOLT, Hx hd, 3/8-16 x 1	179839	4
18	GASKET.	6756002	1
19	COUPLING ASSY, Input oil pump	6771961	1
20	RING, Coupling "O" ring type seal.	6764333	1
21	COUPLING	6771738*	1
22	PLUG	5150829	1
23	WASHER, Lock, 3/8	103321	6
24	BOLT, Hx hd, 3/8-16 x 2 3/4	179850	5
25	BOLT, Hx hd, 3/8-16 x 2 1/4	179848	1
26-43	Not used in this group.		

* Serviced as an assy only - not as a detail part.

MISCELLANEOUS OPTIONS GROUP

These parts are optional on all Torqmatic
Transmissions listed in this catalog.

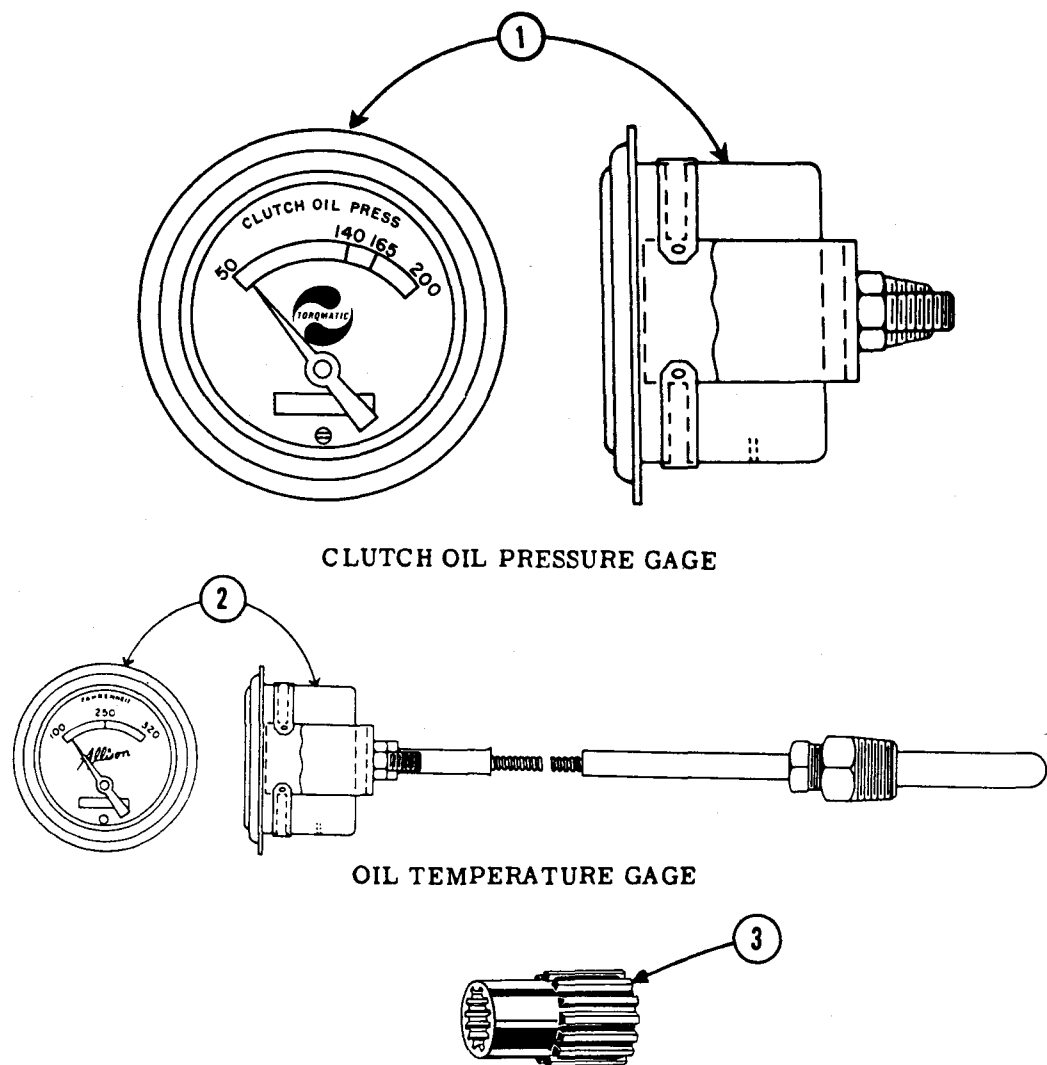


FIG XXII. CLUTCH OIL PRESSURE GAGE, OIL TEMPERATURE GAGE AND IMPLEMENT PUMP DRIVE COUPLING, EXPLODED VIEW

CLUTCH OIL PRESSURE GAGE, Figure XXII

REF	NOMENCLATURE	PART NO	REQ
1	GAGE, Clu oil presr	6756654	1

OIL TEMPERATURE GAGE, Figure XXII

2	GAGE, Oil temp (W/10 foot capillary)	6756665	1
2	GAGE, Oil temp (W/6 foot capillary)	6756667	1
2	GAGE, Oil temp (W/4 foot capillary)	6759551	1

IMPLEMENT PUMP DRIVE COUPLING, Figure XXII

3	COUPLING, Implement pump drive	6771957	1
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SEE INSIDE FRONT COVER BEFORE USING THIS INDEX

NUMERICAL PARTS INDEX

The numerical parts index lists the parts reference number and the figure number of the illustration in which it appears. The reference numbers are keyed to the group listings. However, you must know the transmission assembly part number to identify the right group.

NUMERICAL PARTS INDEX

PART NO	REFERENCE NO	FIGURE NO	PART NO	REFERENCE NO	FIGURE NO
103026	12	I	179841	Replaced by 179840	
103026	12	II	179841	4	XIX
103320	11	XVI	179841	3	XIX-1
			179841	3	XX
103321	11	I			
103321	11	II	179842	27	XV
103321	8, 13	VI	179842	15	XVII
103321	10	IX	179843	14	VI
103321	3	XIV	179848	Replaced by 186284	
103321	6, 26	XV	179848	25, 26	XXI
103321	14, 38	XVII	179848	4	XXI-1
103321	2	XIX			
103321	2	XIX-1	179849	5	XIX
103321	2	XX	179850	Replaced by 186284	
103321	16, 23, 28, 31	XXI	179850	24, 27	XXI
103321	2, 5	XXI-1	179851	4	XIX-1
			179857	Replaces 179858	
103322	3, 7	IX	179857	16	XV
103322	15	XV			
103322	2, 21, 41	XVII	179858	Replaced by 179857	
103323	26	XV	179861	4, 8	IX
103325	10	XVIII	179862	22	XVII
			179882	6	II
103772	21	XIX-1	179884	27	XV
105456	29, 44	XIX			
105456	19	XIX-1	181343	1	XIII
106643	8	XIII	181379	2	II
106644	18	XIII	181397	40	XVII
106644	3	XVII	181413	19	XVII
			186271	4	V
115308	2	XIII			
115308	31	XVII	186283	1	XIX
131642	32	XVII	186284	Replaces 179848	
141159	Replaced by 9421034		186284	Replaces 179850	
141199	10	XXI-1	186284	1	XXI-1
			186628	11	IX
142756	6, 15	XX			
142862	14	XIII	271505	1	XVII
142862	5	XVII	271556	9	XVIII
143938	15, 18	XIII	272853	34	XVII
143938	24	XVII	272855	9	XIII
			272858	15	VI
145643	10	XIV			
145656	17	XIX	443767	8, 34	XXI
145656	31	XIX-1	444576	Replaced by 444618	
145659	9, 12	XIX	444576	6	V
145659	10	XIX-1	444592	17	XIII
			444592	26	XVII
148415	9, 14, 35, 40	XXI			
148415	7, 16	XXI-1	444612	24	XIX
179814	Replaced by 179819		444618	Replaces 444576	
179819	Replaces 179814		444618	25	XVII
179819	12	XVI	444618	16, 19	XIII
179837	9	VI	444660	7	XIX
179838	14	VI	445684	14, 23	XIX-1
179839	2	XIV	445686	23	XVII
179839	37	XVII	451006	9	II
179839	17, 30	XXI	451006	4, 11	III
179840	Replaces 179841		453675	11	XIX-1
179840	7	XV	453676	2	XXI

NUMERICAL PARTS INDEX

PART NO	REFERENCE NO	FIGURE NO	PART NO	REFERENCE NO	SECTION NO
499204	28	XIX-1	6755007	12	VIII
901210	Replaces 903210		6755269	2	I
901210	13	V	6755378	6	VI
903010	2	IV	6755403	2	VI
903209	21, 30, 31	VI	6755488	5	V
903210	Replaced by 901210		6755897	9	IV
903211	5	II	6755988	16	IV
903215	9	XVII	6756002	18, 42	XXI
903216	1, 3	XV	6756002	18	XXI-1
903311	6	XIV	6756030	Replaces 6758391	
903311	17	XV	6756030	25	VI
903312	23	XV	6756072	Replaced by 6774695	
907411	5	XVI	6756124	14	XXI-1
954924	19	VIII	6756164	12	XX
3224773	7	XVI	6756348	Replaced by 6774572	
5150829	22	XXI	6756544	Replaced by 6773842	
5150829	22	XXI-1	6756586	11	VII
5192276	Replaced by 6772115		6756622	5, 16	XX
5576443	Replaces 6757767		6756654	Replaces 6771718	
5576443	5	XIII	6756654	1	XXII
5576443	29	XVII	6756665	2	XXII
6700213	9	VII	6756667	2	XXII
6700213	11	XII	6756835	19	XV
6703159	13	XIV	6757148	20	VIII
6703159	12	XIX-1	6757152	10	VII
6703159	15, 23	XIX	6757153	32	XXI
6703162	9	XIX-1	6757157	18	VIII
6750259	8	X	6757162	11, 38	XXI
6750259	14	XII	6757163	37	XXI
6750265	Replaced by 6757767		6757164	4	VIII
6750337	7	X	6757165	29	XXI
6750558	27, 43	XIX	6757178	1	IX
6750558	17	XIX-1	6757184	3	I
6750924	11	XV	6757189	13	VII
6750945	8	XIX-1	6757194	33	XXI
6752035	9	XVI	6757205	1	XX
6753544	Replaced by 6774188		6757217	5	XV
6753866	1	V	6757218	4	XV
6753938	Replaced by 6773373		6757219	6	IX
6754299	7	V	6757224	5	XIV
6754314	9	V	6757227	7	VIII
6754707	Replaced by 6772661		6757228	14	XIV
6754815	9, 12	X	6757229	1, 3	X
6754832	11	X	6757229	17	XII
6754852	11	VIII	6757230	7	II
6754852	3	XI	6757233	3	VIII
6754866	10	VIII	6757235	Replaced by 6773806	
6754866	4	XI	6757238	29	XV
6754867	6	VIII	6757243	2	I
6754867	2	XI	6757244	7	XIV
6754882	Replaced by 6772068		6757245	8	XIV

NUMERICAL PARTS INDEX

PART NO	REFERENCE NO	FIGURE NO	PART NO	REFERENCE NO	FIGURE NO
6757246	15	XIV	6758261	6	XVIII
6757249	11	XIV	6758262	4	XVIII
6757251	22	XIX-1	6758274	Replaced by 6772407	
6757254	3	II	6758304	20	XIX-1
6757256	8	II	6758305	Replaced by 6771914	
6757262	32	XIX-1	6758305	42	XIX
6757263	30	XIX-1	6758306	30	XIX
6757264	13	XIX-1	6758306	15	XIX-1
6757283	8	XVI	6758312	Replaced by 6771323	
6757290	Replaced by 6759024		6758374	21	XV
6757291	4	XVI	6758391	Replaced by 6756030	
6757297	39	XXI	6758529	8	XXI-1
6757298	41	XXI	6758530	11	XXI-1
6757324	36	XXI	6758568	12	XXI-1
6757350	Replaced by 6770168		6759024	Replaced by 6771855	
6757352	10	XIII	6759024	Replaces 6757290	
6757357	1	XVIII	6759024	Replaces 6758148	
6757382	Replaced by 6769996		6759025	5	I
6757397	16	XIV	6759469	6	XI
6757398	17	XIV	6759470	9	XI
6757422	Replaced by 6771287		6759471	11	XI
6757463	Replaced by 6771273		6759473	8	XI
6757712	Replaced by 6772408		6759480	16	V
6757763	Replaced by 6769995		6759481	30	XV
6757767	Replaced by 5576443		6759485	16	XII
6757767	Replaces 6750265		6759491	6	X
6757774	4	XIII	6759499	1	XIX-1
6757774	28	XVII	6759504	5	VII
6757779	Replaced by 6773206		6759504	2	VIII
6757788	Replaced by 6774344		6759504	13	XI
6757854	Replaced by 6775127		6759504	4	XII
6757993	Replaced by 6777404		6759507	20	XV
6758030	4	II	6759509	15	X
6758042	1	VI	6759513	5	IX
6758125	12	VI	6759517	14	XV
6758148	Replaced by 6759024		6759519	1	XI
6758148	5	Y	6759537	Replaced by 6777391	
6758149	4	XIV	6759539	Replaced by 6777403	
6758172	13	XXI-1	6759540	18	XV
6758173	3	XXI-1	6759541	27	VI
6758192	15	XXI	6759547	10	VI
6758194	13	XXI	6759551	2	XXII
6758194	15	XXI-1	6759967	10	IV
6758195	20	XVII	6764333	20	XXI
6758216	7	VI	6764333	20	XXI-1
6758218	39	XVII	6764780	28	VI
6758235	16	VI	6768245	Replaced by 6769681	
6758236	11	VI	6768267	13	XIII
6758237	17	VI	6768268	6	XVII
6758259	7	XVIII	6768270	22	XV
6758260	5	XVIII	6768324	3	I

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PART NO	REFERENCE NO	FIGURE NO	PART NO	REFERENCE NO	FIGURE NO
6768385	Replaced by 6771913		6769818	3	III
6768445	2	VII	6769843	4	I
6768445	15	VIII	6769851	32	VI
6768446	6	VII	6769876	Replaced by 6775414	
6768446	1	VIII	6769910	33	VI
6768446	14	X	6769929	Replaced by 6772109	
6768446	14	XI	6769936	2	IX
6768446	5	XII	6769987	Replaced by 6774968	
6768450	1	VII	6769994	7	XIII
6768523	7	XIX-1	6769995	Replaces 6757763	
6768722	11	XVII	6769995	3	XIII
6768725	5	XIX-1	6769995	30	XVII
6768726	Replaced by 6769440		6769996	Replaces 6757382	
6768726	27	XIX-1	6769996	6	XIII
6768730	12	XVII	6769996	27	XVII
6768733	33	XVII	6770088	Replaced by 6774847	
6768804	13	VIII	6770168	Replaces 6757350	
6768804	15	XI	6770169	11	XIII
6768805	6	XII	6770171	13	I
6768806	Replaced by 6773609		6770172	4	I
6768808	Replaced by 6773610		6770298	34	XIX
6768967	35	XVII	6770423	8	XX
6768968	18	XVII	6770456	Replaced by 6771720	
6768970	Replaced by 6777791		6770536	Replaced by 6771286	
6768988	15	VII	6770548	Replaced by 6771289	
6768988	3	XII	6770811	17	XVII
6769159	6	XXI-1	6770868	14	VII
6769160	9	XXI-1	6770869	Replaced by 6773844	
6769178	9	I	6770873	Replaced by 6777561	
6769197	8	I	6770881	13	IV
6769226	4	I	6770882	12	IV
6769402	19, 21	XIX	6770885	3	IV
6769402	26, 33	XIX-1	6770887	22	VI
6769413	17	XXI-1	6770888	17	IV
6769440	Replaces 6768726		6770889	Replaced by 6778020	
6769440	25	XIX-1	6770890	8	VIII
6769558	9, 12	IX	6770894	5	X
6769560	17	VII	6770895	Replaced by 6771915	
6769560	1	XII	6770896	7	XII
6769584	10	V	6770897	5	VIII
6769585	29	VI	6770898	18	IV
6769590	26	VI	6770899	13	XII
6769643	34	XIX-1	6770902	19	VI
6769645	24	XIX-1	6770903	Replaced by 6774608	
6769668	Replaced by 6772649		6770904	8	XII
6769677	Replaced by 6772567		6770905	2	XV
6769681	Replaces 6768245		6770919	1	IV
6769681	3	V	6770930	Replaced by 6771637	
6769715	9	VIII	6770953	12	XII
6769715	5	XI	6770955	9	XII
6769716	12	VII	6771094	Replaced by 6772432	

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PART NO	REFERENCE NO	FIGURE NO	PART NO	REFERENCE NO	FIGURE NO
6771148	10	I	6772047	Replaced by 6773631	
6771190	7	XXI	6772047	Replaced by 6773641	
6771197	10	XXI	6772049	33	XIX
6771198	6	XXI	6772050	40	XIX
6771199	12	XXI	6772051	39	XIX
6771202	3	XXI	6772052	37	XIX
6771203	1	XXI	6772053	14	XIX
6771207	5	XXI	6772054	11	XIX
6771209	4	XXI	6772055	35	XIX
			6772056	22	XIX
6771273	Replaces 6757463				
6771273	2	V	6772057	3	XIX
6771287	Replaced by 6771307		6772059	18	XIX
6771287	Replaces 6757422		6772063	31	XIX
			6772066	8	XIX
6771289	Replaced by 6772429		6772067	16	XIX
6771289	Replaces 6770548				
6771307	Replaces 6771287		6772068	Replaces 6754882	
6771307	9	XX	6772068	Replaced by 6775437	
			6772069	20	XIX
6771323	Replaced by 6774497		6772078	25, 41	XIX
6771323	Replaces 6758312		6772086	Replaced by 6773333	
6771337	2	X			
6771378	45	XIX	6772091	Replaced by 6774740	
6771378	15	XIX-1	6772109	Replaces 6769929	
			6772109	Replaced by 6774966	
6771379	5	XIX-1	6772115	Replaces 5192276	
6771380	Replaced by 6774612		6772115	6	XIX-1
6771478	10	XII			
6771637	Replaced by 6773332		6772140	7	I
6771637	Replaces 6770930		6772141	7	I
			6772169	12	XIII
6771675	2	XVIII	6772179	25	XV
6771718	Replaced by 6756654				
6771720	Replaced by 6772203		6772183	Replaces 6757246	
6771720	Replaces 6770456		6772183	9	XIV
			6772187	12	XIV
6771738	21	XXI	6772189	12	XIII
6771738	21	XXI-1	6772190	24	XV
6771854	5	I			
6771855	Replaces 6759024		6772203	Replaces 6771720	
6771855	5	I	6772203	Replaced by 6774962	
			6772281	Replaced by 6773332	
6771913	Replaces 6768385		6772335	Replaced by 6773646	
6771913	28	XIX			
6771913	16	XIX-1	6772407	Replaces 6758274	
6771914	Replaces 6758305		6772407	10	II
6771914	26	XIX	6772408	Replaces 6757712	
6771914	18	XIX-1	6772408	5	III
6771915	Replaced by 6773855		6772427	Replaces 6759472	
6771915	Replaces 6770895		6772427	10	XX
6771957	3	XXII	6772428	11	XX
6771961	19	XXI	6772429	Replaces 6771289	
6771961	19	XXI-1	6772429	7	XX
6772042	Replaced by 6773645		6772432	Replaces 6771094	
6772043	32	XIX	6772432	4	XX
6772045	38	XIX	6772452	14	XX
6772046	36	XIX	6772453	13	XX

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PART NO	REFERENCE NO	FIGURE NO	PART NO	REFERENCE NO	FIGURE NO
6772567	Replaced by 6773858		6773844	Replaces 6770869	
6772567	Replaces 6769677		6773844	24	VI
6772649	Replaced by 6773857		6773855	Replaces 6771915	
6772649	Replaces 6769668		6773855	23	VI
			6773857	Replaces 6772649	
6772661	Replaces 6754707		6773857	11	V
6772661	5	VI			
6773206	Replaces 6757779		6773858	Replaces 6772567	
6773206	Replaced by 6774343		6773858	14	V
6773268	7	XVII	6773859	15	V
			6774007	Replaced by 6777448	
6773269	8	XVII	6774008	13	III
6773270	10	XVII			
6773271	4	XVII	6774012	8	III
6773272	16	X	6774106	14	III
6773275	6	I	6774107	12	III
			6774188	Replaces 6753544	
6773277	13	XVII	6774188	4	VI
6773292	16	XVII			
6773296	5	III			
			6774343	Replaces 6773206	
6773332	Replaces 6771637		6774343	Replaced by 6776995	
6773332	Replaces 6772281		6774343	3	VII
6773332	12	XIII	6774343	14	VIII
6773333	Replaces 6772086		6774343	10	XI
6773333	12	XIII	6774343	15	XII
6773373	Replaces 6753938		6774344	Replaces 6757788	
6773373	1	II	6774344	Replaced by 6776998	
6773373	1	XIV	6774344	4	VII
6773373	28	XV	6774344	16	VIII
6773456	6	III	6774344	12	XI
6773609	Replaces 6768806		6774346	Replaced by 6776745	
6773609	8	VII	6774347	Replaced by 6776750	
6773610	Replaces 6768808		6774497	Replaces 6771323	
6773610	7	VII	6774497	3	VI
6773631	Replaces 6772047		6774572	Replaces 6756348	
6773631	10	XIX	6774572	18	XIV
6773641	Replaces 6772047		6774572	29	XIX-1
6773641	13	XIX			
			6774608	Replaces 6770903	
6773644	Replaces 6772041		6774608	15	IV
6773644	6	XIX	6774612	Replaces 6771380	
6773645	Replaces 6772042		6774612	15	IV
6773645	6	XIX			
			6774695	Replaces 6756072	
6773646	Replaces 6772335		6774695	43	XXI
6773646	6	XIX	6774739	6	I
6773683	1	XVI	6774740	Replaces 6772091	
6773684	3	XVI	6774740	14	I
6773685	17	X	6774847	Replaces 6770088	
6773686	10	XVI	6774847	8	IV
6773797	12	XIII	6774962	Replaces 6772203	
			6774962	4	IV
6773806	Replaces 6757235		6774966	Replaces 6772109	
6773806	7	XI	6774966	7	IV
6773842	Replaces 6756544		6774968	Replaces 6769987	
6773842	12	V	6774968	6	IV

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PART NO	REFERENCE NO	FIGURE NO	PART NO	REFERENCE NO	FIGURE NO
6775127	Replaced by 6776996		6777377	7	XII
6775127	Replaces 6757854		6777391	Replaces 6759537	
6775127	4	X	6777391	8, 12	XV
6775146	Replaced by 6776746		6777403	Replaces 6759539	
6775414	Replaces 6769876		6777403	13	XV
6775414	1	III			
6775437	Replaces 6772068		6777404	Replaces 6757993	
6775437	16	VII	6777404	10	XV
6775437	2	XII	6777408	15	I
6775964	Replaced by 6777408		6777408	Replaces 6775964	
6776103	Replaced by 6777415				
			6777415	Replaces 6776103	
6776745	Replaces 6774346		6777415	Replaced by 6777449	
6776745	Replaced by 6776995		6777448	Replaces 6774007	
6776745	3	VII	6777448	9	III
6776745	14	VIII			
6776745	10	XI	6777449	Replaces 6777415	
6776745	15	XII	6777449	10	III
			6777561	Replaces 6770873	
6776746	Replaced by 6776996		6777561	10	X
6776746	Replaces 6775146		6777629	10	XII
6776746	4	X			
			6777791	Replaces 6768970	
6776750	Replaces 6774347		6777791	36	XVII
6776750	Replaced by 6776998		6778020	Replaces 6770889	
6776750	4	VII	6778020	13	X
6776750	16	VIII	6778240	21	XV
6776750	12	XI			
6776830	15	IV	6778241	2	XV
			7450552	Replaced by 7451564	
6776995	Replaces 6774343		7451564	Replaces 7450552	
6776995	Replaces 6776745		7451564	9	XV
6776995	3	VII	8347398	18	VI
6776995	10	XI			
6776995	14	VIII	8522609	8	V
6776995	15	XII	8894450	6	XVI
6776996	Replaces 6775127		9030126	3	XVIII
6776996	Replaces 6776746		9409021	11	IV
6776996	4	X	9409036	1	I
6776998	Replaces 6774344		9409059	1	I
6776998	Replaces 6776750		9409079	20	VI
6776998	4	VII	9409079	17	VIII
6776998	16	VIII	9409131	8	XVIII
6776998	12	XI	9409258	7	III
6777360	9	XII	9409513	17	V
6777361	6	XII	9412270	2	III
6777362	12	XII	9415488	Replaced by 9417967	
			9417499	5	IV
6777363	8	XII	9417967	Replaces 9415488	
6777364	13	XII	9417967	14	IV
6777365	9	XI	9421034	Replaces 141159	
6777376	3	IV	9421034	2	XVI

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8. Model No. _____ Assy Part No. _____

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9. Model No. _____ Assy Part No. _____

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