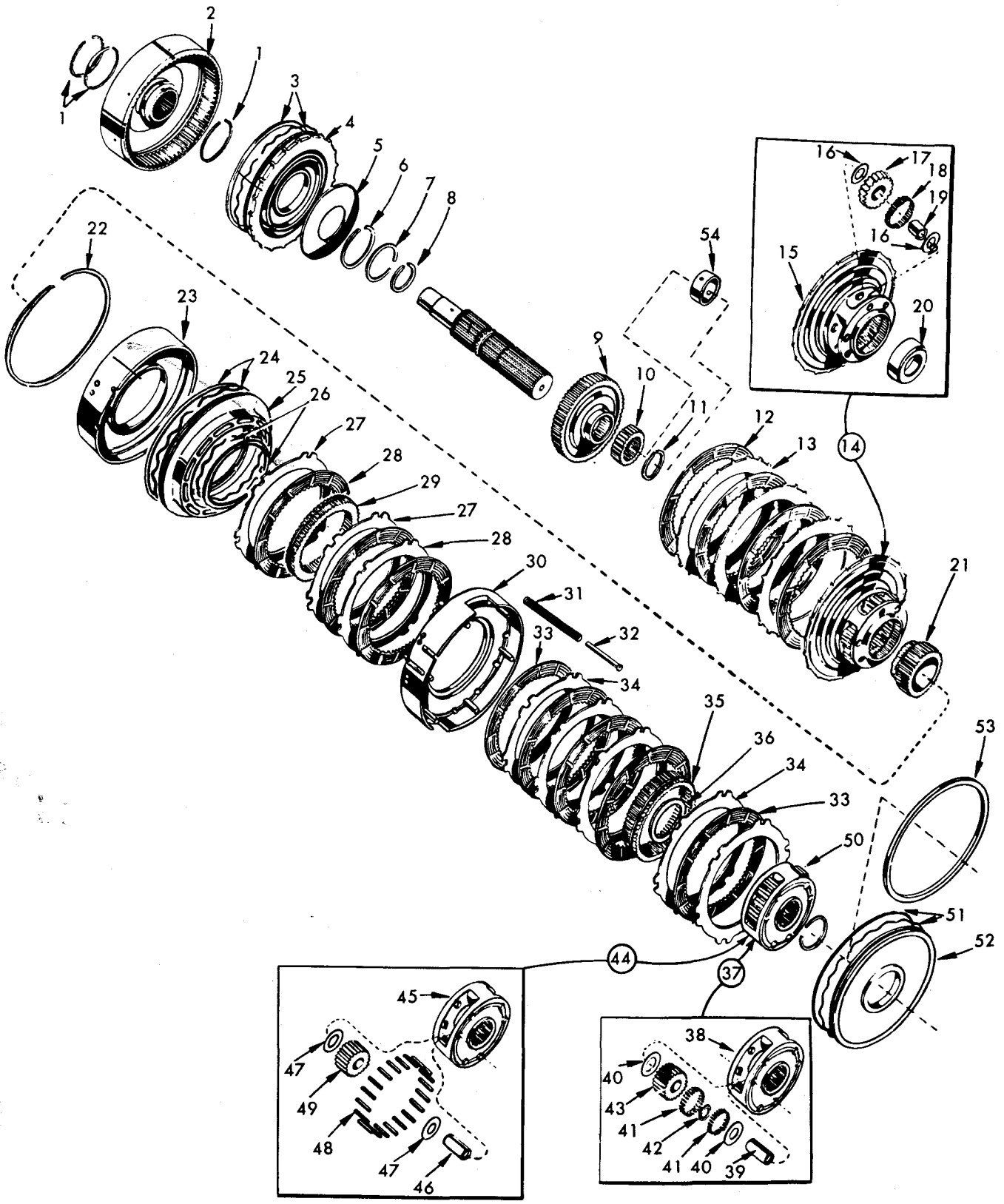


FIG 10. INTERMEDIATE, HIGH AND LOW RANGE PLANETARIES AND CLUTCHES

GROUP A

INTERMEDIATE, HIGH, AND LOW RANGE PLANETARIES AND CLUTCHES, FIGURE 10

REF NO	NOMENCLATURE	PART NO		REQ
1	RING, HOOK-TYPE SEAL	6757229		3
2	DRUM ASSY, INTER RANGE CLUTCH	6771337		1
3	KIT, INTERMEDIATE CLUTCH PISTON OUTER SEAL RING . CONTAINS 1 SEALRING P/N 6775127, 1 EXPANDER P/N 6776746 AND INSTRUCTION SHEET	6776996		1
4	PISTON ASSY, INTER RANGE	6768283		1
5	SPRING, PISTON RETURN	6759491		1
6	RING, SNAP, SPRING RETAINING	6750337		1
7	RING, SNAP, DRUM RETAINING	6750259		1
8	RING, EXTERNAL SNAP	6754815		1
9	HUB, INTERMEDIATE-RANGE CLUTCH	6777561		1
10	GEAR, HIGH-RANGE SUN	6754832		1
11	RING, CARRIER SNAP PRIOR TO S/N 24029 USE . . . SPACER 6759483, REF 54. STARTING WITH S/N 24029 USE 6754815	6754815		1
12	PLATE, INTERNAL SPLINED INTER CLU WHEN . . . . REPLACING P/N 6775541 WITH P/N 6768446 USE 4 PLATES. DO NOT INTERMIX OLD PLATES WITH THE NEW IN THIS CLUTCH PACK.	6768446		4
13	PLATE, EXTERNAL SPLINED INTER CLU	6759509		3
14	CARRIER ASSY, HIGH-RANGE PLNT	6759519		1
15	CARRIER, HIGH-RANGE PLNT	6759469		1
16	WASHER, PINN THRUST	6754866		12
17	PINION, PLNT CARRIER MATCHED SET OF 6 . . .	6769715		1 SET
18	ROLLER, PLNT PINN	6754867		120
19	PIN, PLNT PINN	6754852		6
20	NOT USED IN THIS GROUP.			
21	GEAR, LOW-RANGE SUN	6759470		1
22	RING, INTERNAL SNAP	6773806		1
23	HOUSING, HIGH-RANGE PISTON	6759473		1
24	KIT, HIGH CLUTCH PISTON OUTER SEAL RING . . . . . CONTAINS 1 SEALRING P/N 6774343, 1 EXPANDER P/N 6776745 AND INSTRUCTION SHEET	6776995		1
25	PISTON, HIGH-RANGE CLU APPLY	6777453		1
26	KIT, HIGH CLUTCH PISTON INNER SEAL RING . . . . . CONTAINS 1 SEALRING P/N 6774344, 1 EXPANDER P/N 6776750 AND INSTRUCTION SHEET	6776998		1
27	PLATE, EXTERNAL SPLINED HIGH CLU	6759504		3
28	PLATE, INTERNAL SPLINED HIGH CLUTCH WHEN . . . REPLACING P/N 6775541 WITH P/N 6768446 USE 3 PLATES. DO NOT INTERMIX OLD PLATES WITH THE NEW IN THIS CLUTCH PACK	6768446		3
29	GEAR, HIGH-RANGE CLU RING	6830429		1
30	ANCHOR, HIGH & LOW-RANGE PRIOR TO S/N 5719 . . USE 6759516. STARTING WITH S/N 5719 USE 6769560. REF. 9 FIG. 8	6769560		1
31	SPRING, HIGH AND LOW CLUTCH PISTON RETURN, 37.5 . COILS, .625 OD, .103-.107 WIRE DIA	6775437		12
32	PIN, SPRING GUIDE WHEN REBUILDING UNITS PRIOR . TO S/N 3464 REPLACE ALL SPRING GUIDE PINS WITH P/N 6768988	6768988		12
33	PLATE, INTERNAL SPLINED LOW CLUTCH WHEN . . . . REPLACING P/N 6775541 WITH P/N 6768446 USE 5 PLATES. DO NOT INTERMIX OLD PLATES WITH THE NEW IN THIS CLUTCH PACK.	6768446		5
34	PLATE, EXTERNAL SPLINED LOW CLUTCH	6759504		5
35	GEAR, LOW-RANGE RING	6768805		1
36	WASHER, THRUST	6759494		1
37	CARRIER, LOW-RANGE PLNT WHEN REPLACING P/N . . 6759508 USE P/N 6777015 REF 44	6759508	*	1
38	CARRIER, PLNT	6759493	*	1
39	PIN, PLNT PINN USED PRIOR TO S/N 37339 . . . ONLY	6757155		6

CONTINUED ON NEXT PAGE

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP A CONT

INTERMEDIATE, HIGH, AND LOW RANGE PLANETARIES AND CLUTCHES, FIGURE 10

REF NO	NOMENCLATURE	PART NO		REQ
40	WASHER, PINN THRUST USED PRIOR TO S/N 37339 ONLY . . .	6754866		12
41	ROLLER, PLNT PINN USED PRIOR TO S/N 37339 ONLY .	6757226		240
42	SPACER USED PRIOR TO S/N 37339 ONLY	6757284		6
43	PINION, PLNT MATCHED SET OF 6 USED PRIOR TO S/N 37339 ONLY	6769717		1 SET
44	CARRIER ASSY, LOW-RANGE PLNT	6777015		1
45	CARRIER, PLNT	6777016	*	1
46	PIN, PLNT PINN USED AFTER S/N 37339 ONLY . .	6770953		6
47	WASHER, PINN THRUST USED AFTER S/N 37339 ONLY . .	6770955		12
48	ROLLER, PLNT PINN	6700213		96
49	PINION, PLNT MATCHED SET OF 6 USED AFTER S/N 37339 ONLY	6771478		1 SET
50	RING, EXTERNAL SNAP	6754815		1
51	KIT, LOW CLUTCH OUTER PISTON SEAL RING . . . . . CONTAINS 1 SEALRING P/N 6774343, 1 EXPANDER P/N 6776745 AND INSTRUCTION SHEET	6776995		1
52	PISTON, LOW RANGE CLUTCH	6759485		1
53	NOT USED IN THIS GROUP.			
54	SPACER USED PRIOR TO S/N 24029. AFTER S/N 24029 SEE REF. 11 . .	6759483		1

GROUP B

INTERMEDIATE, HIGH, AND LOW-RANGE PLANETARIES AND CLUTCHES, FIGURE 10

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

14	CARRIER ASSY, HIGH-RANGE PLNT	6771737		1
20	COLLECTOR, LUBE OIL	6771730		1
21	NOT USED IN THIS GROUP.			
33-49	NOT USED IN THIS GROUP.			
51-52	NOT USED IN THIS GROUP.			
53	SPACER	6771731		1
54	NOT USED IN THIS GROUP.			

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

TRANSFER GEAR HOUSING SECTION

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
6759479	CRT 3331-1	E	6770081	CRT 3331-1	L
6759583	CRT 3331-1	E	6770176	CRT 3331-1	E
6759584	CRT 3331-1	F	6770186	CRT 3331-1	F
6759597	CRT 3331-1	L	6770273	CRT 3331-1	E
6759633	CRT 3331-1	E	6770328	CRT 3331-1	E
6759634	CRT 3331-1	E	6770363	CRT 3331-1	F
6759635	CRT 3331-1	F	6770438	CRT 3331-1	E
6759636	CRT 3331-1	E	6770465	CRT 3331-1	E
6759707	CRT 3331-1	E	6770672	CRT 3331-1	E
6759721	CRT 3331-1	E	6770675	CRT 3331-1	E
6759748	CRT 3331-1	F	6770732	CRT 3331-1	E
6759755	CRT 3331-1	E	6770966	CRT 3331-1	E
6759756	CRT 3331-1	E	6771133	CRT 3331-1	E
6759763	CRT 3331-1	G	6771136	CRT 3331-1	E
6759776	CRT 3331-1	F	6771241	CRT 3331-1	E
6759789	CRT 3331-1	F	** 6771278	CRT 3331-1	M
6759793	CRT 3331-1	H	***6771278	CRT 3331-1	Q
6759794	CRT 3331-1	H	6771319	CRT 3331-1	E
6759795	CRT 3331-1	F	6771412	CRT 3331-1	F
6759812	CRT 3331-1	G	6771414	CRT 3331-1	L
6759817	CRT 3331-1	E	6771415	CRT 3331-1	L
6759826	CRT 3331-1	E	6771416	CRT 3331-1	E
6759827	CRT 3331-1	F	6771417	CRT 3331-1	L
6759828	CRT 3331-1	E	6771444	CRT 3331-1	E
6759837	CRT 3331-1	L	6771740	CRT 3331-1	E
6759850	CRT 3331-1	E	6771744	CRT 3331-1	E
6759851	CRT 3331-1	E	6771764	CRT 3331-1	E
6759858	CRT 3331-1	F	6771803	CRT 3321-1	F
6759861	CRT 3331-1	E	6771808	CRT 3331-1	E
6759865	CRT 3331-1	E	6772026	CRT 3331-1	Q
6759866	CRT 3331-1	J	6772087	CRT 3331-1	N
6769518	CRT 3331-1	E	6772100	CRT 3331-1	E
6769554	CRT 3331-1	E	6772105	CRT 3331-1	F
6769556	CRT 3331-1	F	6772144	CRT 3321-1	F
6769615	CRT 3331-1	E	6772195	CRT 3331-1	H
6769635	CRT 3331-1	E	6772196	CRT 3331-1	E
6769737	CRT 3331-1	G	6772277	CRT 3331-1	E
6769824	CRT 3331-1	F	6772279	CRT 3331-1	E
6769841	CRT 3331-1	L	6772280	CRT 3331-1	F
6769862	CRT 3331-1	E	6772360	CRT 3331-1	J
6769867	CRT 3331-1	E	6772464	CRT 3331-1	H
6769901	CRT 3331-1	F	6772496	CRT 3331-1	F
6769902	CRT 3331-1	E	6772497	CRT 3331-1	Q
6769922	CRT 3331-1	E	6772498	CRT 3331-1	Q
6769935	CRT 3331-1	E	6772499	CRT 3331-1	Q
6769948	CRT 3331-1	F	6772500	CRT 3331-1	A
** 6770000	CRT 3331-1	M	6772501	CRT 3331-1	A
***6770000	CRT 3331-1	Q	6772502	CRT 3331-1	A
6770005	CRT 3331-1	E	6772503	CRT 3331-1	C
6770063	CRT 3331-1	K	6772504	CRT 3331-1	M

CONTINUED ON NEXT PAGE

* A/N* – ASSEMBLY NUMBER – FOUND ON YOUR TRANSMISSION NAMEPLATE

** PRIOR TO S/N 25518

*** STARTING WITH 25518 AND LATER

TRANSFER GEAR HOUSING SECTION

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
6772505	CRT 3331-1	A	6774496	CRT 3331-1	M
6772506	CRT 3331-1	A	6774567	CRT 3331-1	S
6772507	CRT 3331-1	B	6774568	CRT 3331-1	A
6772731	CRT 3331-1	F	6774743	CRT 3331-1	B
6772825	CRT 3331-1	B	6774792	CRT 3331-1	A
6772826	CRT 3331-1	B	6775179	CRT 3331-1	Q
6772827	CRT 3321-1	B	6775180	CRT 3331-1	Q
6772828	CRT 3331-1	B	6775181	CRT 3331-1	A
6772829	CRT 3331-1	D	6775182	CRT 3331-1	A
6772891	CRT 3331-1	B	6775183	CRT 3331-1	C
6772892	CRT 3331-1	A	6775184	CRT 3331-1	A
6772893	CRT 3331-1	E	6775185	CRT 3331-1	A
6772895	CRT 3331-1	P	6775186	CRT 3331-1	B
6772913	CRT 3331-1	A	6775187	CRT 3331-1	B
6772914	CRT 3331-1	A	6775188	CRT 3331-1	B
6772915	CRT 3331-1	A	6775189	CRT 3331-1	D
6772916	CRT 3331-1	A	6775190	CRT 3331-1	B
6772917	CRT 3331-1	A	6775191	CRT 3331-1	A
** 6772918	CRT 3331-1	A	6775194	CRT 3331-1	A
***6772918	CRT 3331-1	Q	6775195	CRT 3331-1	Q
6772929	CRT 3331-1	B	6775196	CRT 3331-1	A
6773161	CRT 3331-1	A	6775197	CRT 3331-1	A
6773339	CRT 3331-1	A	6775198	CRT 3331-1	A
6773369	CRT 3331-1	A	6775199	CRT 3331-1	A
6773371	CRT 3331-1	B	6775200	CRT 3331-1	A
6773419	CRT 3331-1	A	6775201	CRT 3331-1	Q
6773533	CRT 3331-1	A	6775202	CRT 3331-1	Q
6773534	CRT 3331-1	M	6775203	CRT 3331-1	A
6773579	CRT 3331-1	A	6775204	CRT 3331-1	A
6773580	CRT 3331-1	A	6775205	CRT 3331-1	A
6773635	CRT 3331-1	Q	6775206	CRT 3331-1	B
6773752	CRT 3331-1	A	6775207	CRT 3331-1	A
6773798	CRT 3331-1	Q	6775208	CRT 3331-1	Q
6773809	CRT 3331-1	B	6775209	CRT 3331-1	R
6773810	CRT 3331-1	A	6775210	CRT 3331-1	Q
6773838	CRT 3331-1	B	6775211	CRT 3331-1	T
6773883	CRT 3331-1	A	6775212	CRT 3331-1	S
6773900	CRT 3331-1	Q	6775213	CRT 3331-1	A
6773975	CRT 3331-1	B	6775214	CRT 3331-1	S
6773976	CRT 3331-1	Q	6775215	CRT 3331-1	A
6774124	CRT 3331-1	A	6775216	CRT 3331-1	B
6774145	CRT 3331-1	B	6775217	CRT 3321-1	B
6774146	CRT 3331-1	A	6775297	CRT 3331-1	A
6774158	CRT 3331-1	Q	6775389	CRT 3331-1	D
6774159	CRT 3331-1	Q	6775550	CRT 3331-1	B
6774221	CRT 3331-1	R	6775701	CRT 3331-1	U
6774319	CRT 3331-1	T	6776655	CRT 3331-1	U
6774332	CRT 3331-1	Q	6776717	CRT 3331-1	B
6774463	CRT 3331-1	S	6776756	CRT 3331-1	Q
6774484	CRT 3331-1	A	6776757	CRT 3331-1	A

CONTINUED ON NEXT PAGE

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE
** PRIOR TO S/N 25518.
***S/N 25518 AND LATER.

TRANSFER GEAR HOUSING SECTION

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
6776758	CRT 3331-1	A	6779048	CRT 3331-1	R
6776766	CRT 3331-1	A	6779068	CRT 3331-1	B
6776983	CRT 3331-1	A	6779078	CRT 3331-1	Q
6776985	CRT 3331-1	A	6779085	CRT 3331-1	A
6777022	CRT 3331-1	B	6779086	CRT 3331-1	B
6777037	CRT 3331-1	A	6779104	CRT 3331-1	A
6777088	CRT 3331-1	B	6779142	CRT 3331-1	B
6777092	CRT 3331-1	Q	6779143	CRT 3331-1	A
6777127	CRT 3331-1	A	6779145	CRT 3331-1	B
6777168	CRT 3331-1	Q	6779172	CRT 3331-1	R
6777269	CRT 3331-1	Q	6779191	CRT 3331-1	B
6777294	CRT 3331-1	R	6779217	CRT 3331-1	B
6777310	CRT 3331-1	A	6779230	CRT 3331-1	B
6777383	CRT 3331-1	B	6779234	CRT 3331-1	S
6777419	CRT 3331-1	A	6779264	CRT 3331-1	A
6777571	CRT 3331-1	B	6779313	CRT 3331-1	B
6777605	CRT 3331-1	A	6779424	CRT 3331-1	A
6777622	CRT 3331-1	A	6779470	CRT 3331-1	Q
6777663	CRT 3331-1	A	6779502	CRT 3331-1	Q
6777812	CRT 3331-1	A	6779677	CRT 3331-1	A
6777815	CRT 3331-1	A	6779765	CRT 3331-1	A
6777816	CRT 3331-1	Q	6779769	CRT 3331-1	S
6777826	CRT 3331-1	A	6779862	CRT 3331-1	T
6777827	CRT 3331-1	A	6779891	CRT 3331-1	A
6777828	CRT 3331-1	A	6779964	CRT 3331-1	Q
6777911	CRT 3331-1	Q	6830425	CRT 3331-1	B
6777933	CRT 3331-1	A	6830554	CRT 3331-1	A
6777949	CRT 3331-1	B	6830591	CRT 3331-1	A
6777950	CRT 3331-1	B	6830699	CRT 3331-1	R
6777951	CRT 3331-1	A	6831016	CRT 3331-1	A
6777976	CRT 3331-1	V	6831297	CRT 3331-1	Q
6778025	CRT 3331-1	A	6831298	CRT 3331-1	A
6778040	CRT 3331-1	A	6831358	CRT 3331-1	S
6778168	CRT 3331-1	A	6831535	CRT 3331-1	Q
6778169	CRT 3331-1	B	6831801	CRT 3331-1	S
6778377	CRT 3331-1	A	6831904	CRT 3331-1	B
6778378	CRT 3331-1	A	6831986	CRT 3331-1	B
6778379	CRT 3331-1	B	6832033	CRT 3331-1	B
6778387	CRT 3331-1	B	6832043	CRT 3331-1	W
6778669	CRT 3331-1	A	6832044	CRT 3331-1	B
6778879	CRT 3331-1	B	6832245	CRT 3331-1	B
6778999	CRT 3331-1	B	6832415	CRT 3331-1	Q
6779013	CRT 3331-1	A	6832434	CRT 3331-1	Q
6779047	CRT 3331-1	Q	6832614	CRT 3331-1	B

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

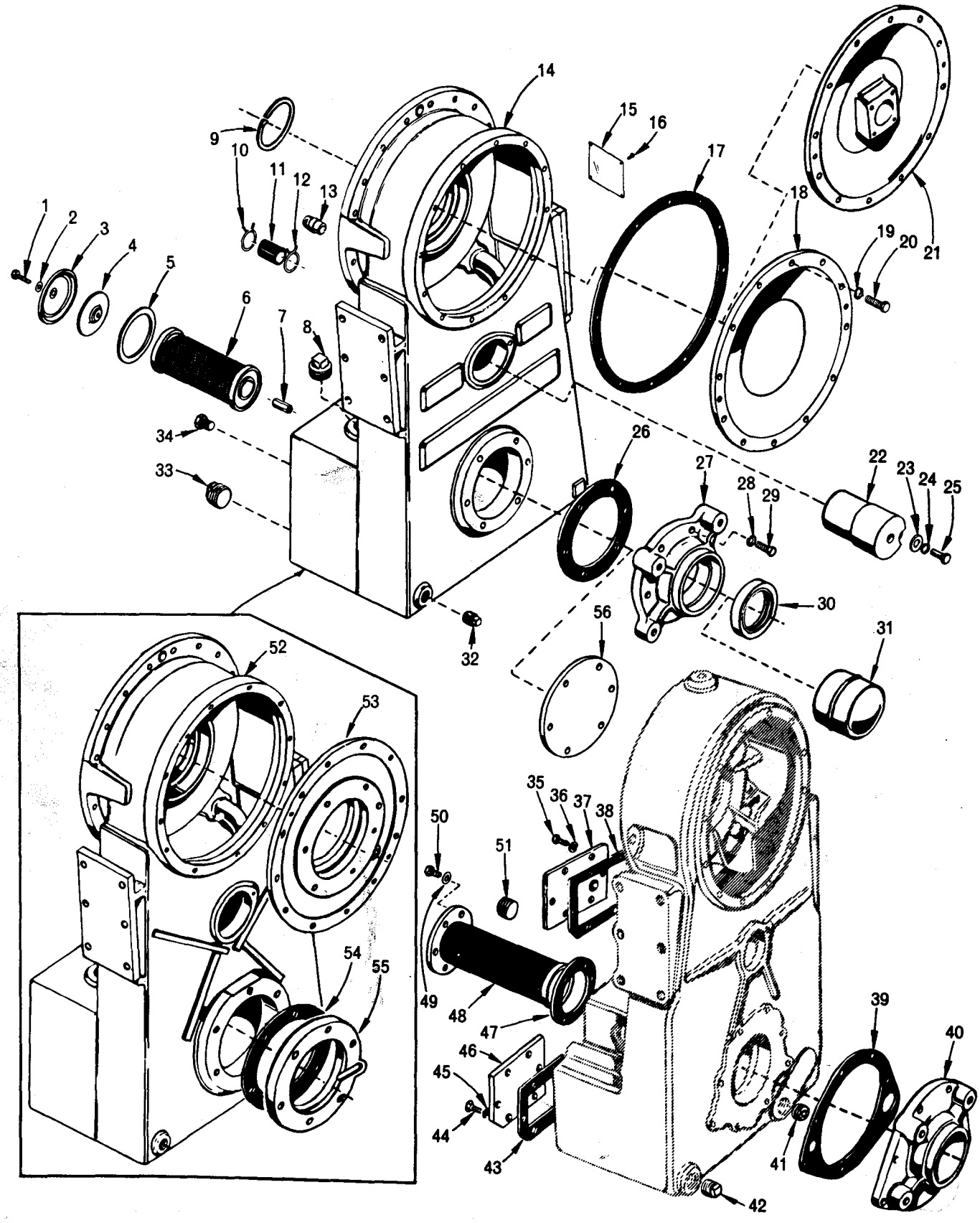


FIG 11. TRANSFER GEAR HOUSING

GROUP A

TRANSFER GEAR HOUSING, FIGURE 11

REF NO	NOMENCLATURE	PART NO	REQ
1	BOLT, HX HD, 5/16-24 X 1 1/2	181343	1
2	WASHER, PLAIN, 11/32	115308	1
3	COVER, OIL STRAINER	6769995	1
4	RETAINER, OIL STRAINER	6757774	1
5	GASKET, OIL STRAINER COVER	5576443	1
6	STRAINER, OIL	6769996	1
7	COUPLING, OIL STRAINER	6769994	1
8	PLUG, OIL FILLER PIPE, 1 1/2	106643	1
9	RING, HOOK TYPE SEAL	6757229	1
10	CLAMP, OIL DRAIN TUBE	272855	1
11	HOSE, OIL DRAIN TUBE	6757352	1
12	CLAMP, OIL DRAIN TUBE	272855	1
13	NIPPLE, OIL DRAIN	6770169	1
14	HOUSING, TRANSFER GEAR 0.659 TO 1 OVERDRIVE IF TRANSMISSION REAR BEARING RETAINER REF. 40 HAS 8 RETAINING BOLTS ORDER PARTS KIT 6773332 INSTEAD OF 6772169. IF 6 BOLTS ARE USED, ORDER HOUSING 6772169	6772169	1
15	PLATE, TRANSMISSION NAME	6768267	1
16	SCREW, DRIVE	142862	4
17	GASKET, DRIVE GEAR COVER	6757218	1
18	COVER, DRIVE GEAR	6757217	1
19	WASHER, LOCK, 3/8	103321	12
20	BOLT, COVER, HX HD, 3/8-16 X 1 1/8	179840	12
21	NOT USED IN THIS GROUP.		
22	SPINDLE, IDLER GEAR	6759539	1
23	WASHER, SPINDLE RETAINING	6759517	1
24	WASHER, LOCK, 7/16	103322	1
25	BOLT, SPINDLE LOCKING, HX HD, 7/16-14 X 7/8	179857	1
26	GASKET, BEARING RETAINER PRIOR TO S/N 23080 USE 6757238. STARTING WITH S/N 23080 USE 6772190	6772190	1
27	RETAINER, REAR BEARING PRIOR TO S/N 23080 USE 6759481. STARTING WITH S/N 23080 USE 6772179 6 BOLT HOLES	6772179	1
28	WASHER, LOCK, 1/2	103323	6
29	BOLT, RETAINER, HX HD, 1/2-13 X 1 3/8	179884	6
30	SEAL, REAR OUTPUT FLANGE LIP TYPE OIL	6773373	1
31	NOT USED IN THIS GROUP.		
32	PLUG, TRANSMISSION DRAIN SQ HD PIPE, 3/4	444592	1
33	PLUG, OIL FILLER PIPE, 1 1/4	143938	1
34	PLUG, OIL LEVEL CHECK, PIPE, 1/4	444618	1
35-56	NOT USED IN THIS GROUP.		

GROUP B

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

14	HOUSING, TRANSFER GEAR 1.62 TO 1 UNDERDRIVE	6772192	1

GROUP C

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

14	HOUSING, TRANSFER GEAR 1.62 TO 1 UNDERDRIVE	6772193	1
30	NOT USED IN THIS GROUP.		

CONTINUED ON NEXT PAGE

GROUP C CONT

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
31	CAP, REAR OUTPUT	6759869	1

GROUP D

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP B, EXCEPT FOR PARTS LISTED BELOW.

18	NOT USED IN THIS GROUP.		
21	COVER, DRIVE GEAR	6757291	1
30	NOT USED IN THIS GROUP.		
31	CAP, REAR OUTPUT DRIVE	6759869	1

GROUP E

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1-7	NOT USED IN THIS GROUP.		
14	KIT, TRANSFER GEAR HOUSING 0.659 TO 1 OVERDRIVE SEE SIL 491.	6773334	1
25	BOLT, SPINDLE LOCKING, HX HD, 7/16-14 X 1	179858	1
26-27	NOT USED IN THIS GROUP.		
28	WASHER, LOCK, 3/8	103321	8
29	BOLT, HEX HD, 3/8-16 X 1 3/8	179842	8
32	NOT USED IN THIS GROUP.		
35	BOLT, HEX HD, 3/8-16 X 1	179839	6
36	WASHER, LOCK, 3/8	103321	6
37	COVER, INSPECTION DRAIN	6758238	1
38	GASKET, INSPECTION DRAIN COVER	6757346	1
39	GASKET, REAR BEARING RETAINER	6757238	1
40	RETAINER, REAR BEARING 8 BOLT HOLES	6759481	1
41	PLUG, PIPE, 1	444678	1
42	PLUG, TRANSMISSION DRAIN, SQ HD PIPE, 3/4	444592	1
43	GASKET, INSPECTION COVER	6757346	1
44	BOLT, HEX HD, 3/8-16 X 1	179839	6
45	WASHER, LOCK, 3/8	103321	6
46	COVER, INSPECTION	6757347	1
47	GASKET, OIL STRAINER	6750265	1
48	STRAINER, OIL	6757382	1
49	WASHER, LOCK, 3/8	103321	6
50	BOLT, HEX HD, 3/8-16 X 7/8	179838	6
51	PLUG, PIPE, 1 1/4	106644	1
52-56	NOT USED IN THIS GROUP.		

GROUP F

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP E, EXCEPT FOR PARTS LISTED BELOW.

14	KIT, TRANSFER GEAR HOUSING 1.62 TO 1 UNDERDRIVE SEE SIL 491	6773336	1

GROUP G

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP E, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
18	NOT USED IN THIS GROUP.		
21	COVER, DRIVE GEAR	6757291	1

GROUP H

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP E, EXCEPT FOR PARTS LISTED BELOW.

14	KIT, TRANSFER GEAR HOUSING, 1.62 TO 1 UNDERDRIVE. SEE SIL 491.	6773336	1
18	NOT USED IN THIS GROUP.		
21	COVER, DRIVE GEAR	6757291	1

GROUP J

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP E, EXCEPT FOR PARTS LISTED BELOW.

14	KIT, TRANSFER GEAR HOUSING 1.62 TO 1 UNDERDRIVE SEE SIL 491	6773335	1
30	NOT USED IN THIS GROUP.		
31	CAP, REAR OUTPUT DRIVE	6759869	1

GROUP K

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP E, EXCEPT FOR PARTS LISTED BELOW.

14	KIT, TRANSFER GEAR HOUSING, 1.62 TO 1 UNDERDRIVE. SEE SIL 491.	6773336	1
30	NOT USED IN THIS GROUP.		
31	CAP, OUTPUT DRIVE	6759869	1

GROUP L

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP E, EXCEPT FOR PARTS LISTED BELOW.

33	PLUG, OIL FILLER, PIPE, 1 1/4	106644	1

GROUP M

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

14	KIT, TRANSFER GEAR HOUSING 0.659 TO 1 OVERDRIVE SEE SIL 491	6773332	1
26-27	NOT USED IN THIS GROUP.		
28	WASHER, LOCK, 3/8	103321	8

CONTINUED ON NEXT PAGE

GROUP M CONT

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
29	BOLT, HX HD, 3/8-16 X 1 3/8	179842	8
31	NOT USED IN THIS GROUP.		
35-38	NOT USED IN THIS GROUP.		
39	GASKET, REAR BEARING	6757238	1
40	RETAINER, REAR BEARING 8 BOLT HOLES	6759481	1
41-56	NOT USED IN THIS GROUP.		

GROUP N

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP M, EXCEPT FOR PARTS LISTED BELOW.

14	KIT, TRANSFER GEAR HOUSING PUMP CLEARANCE . . . 0.659 TO 1 OVERDRIVE SEE SIL 491.	6773333	1

GROUP P

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

14	NOT USED IN THIS GROUP.		
18	NOT USED IN THIS GROUP.		
20	BOLT, ADAPTER, HX HD, 3/8-16 X 1 1/4	179841	12
21	NOT USED IN THIS GROUP.		
26-27	NOT USED IN THIS GROUP.		
29	BOLT, ADAPTER, HX HD, 1/2-13 X 2 3/4	179892	6
35-51	NOT USED IN THIS GROUP.		
52	HOUSING, TRANSFER GEAR 0.659 TO 1 OVERDRIVE . .	6772940	1
53	ADAPTER, UPPER REAR OUTPUT DISCONNECT CLUTCH . .	6772952	1
54	GASKET, ADAPTER	6772955	1
55	ADAPTER, LOWER OUTPUT DISCONNECT CLUTCH	6772945	1
56	NOT USED IN THIS GROUP.		

GROUP Q

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

14	HOUSING, TRANSFER GEAR 0.659 TO 1 OVERDRIVE . . IF TRANSMISSION REAR BEARING RETAINER REF. 40 HAS 8 RETAINING BOLTS ORDER PARTS KIT 6773332 INSTEAD OF 6773797. IF 6 BOLTS ARE USED ORDER HOUSING 6773797	6773797	1
33	PLUG, OIL FILLER PIPE, 1 1/4	143938	2
34	PLUG, OIL LEVEL CHECK, HX HD PIPE, 1/4	444618	2

GROUP R

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
18	NOT USED IN THIS GROUP.		
21	COVER, DRIVE GEAR	6757291	1

GROUP S

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP B, EXCEPT FOR PARTS LISTED BELOW.

18	NOT USED IN THIS GROUP.		
21	COVER, DRIVE GEAR	6757291	1

GROUP T

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

30	NOT USED IN THIS GROUP.		
31	CAP, REAR OUTPUT	6759869	1

GROUP U

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP B, EXCEPT FOR PARTS LISTED BELOW.

30	NOT USED IN THIS GROUP.		
31	CAP, REAR OUTPUT	6759869	1

GROUP V

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

14	HOUSING, TRANSFER GEAR, .659 TO 1 OVERDRIVE, IF . TRANSMISSION REAR BEARING RETAINER REF. 40 HAS 8 RETAINING BOLTS, ORDER KIT, P/N 6773332. IF 6 BOLTS ARE USED ORDER HOUSING P/N 6773797.	6773797	
32	PLUG, MEGNETIC DRAIN	5178994	1
33	PLUG, OIL FILLER PIPE 1 1/4	143938	2
34	PLUG, OIL LEVEL CHECK, HX. HD. PIPE 1/4	444618	2

GROUP W

TRANSFER GEAR HOUSING, FIGURE 11

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

27	NOT USED IN THIS GROUP.		
30-55	NOT USED IN THIS GROUP.		
56	COVER, REAR OUTPUT SHAFT	6832041	1

TRANSFER GEAR SECTION

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
6759479	CRT 3331-1	A	6770176	CRT 3331-1	E
6759583	CRT 3331-1	A	6770186	CRT 3331-1	B
6759584	CRT 3331-1	B	6770273	CRT 3331-1	A
6759597	CRT 3331-1	A	6770328	CRT 3331-1	A
6759633	CRT 3331-1	A	6770363	CRT 3331-1	B
6759634	CRT 3331-1	A	6770438	CRT 3331-1	A
6759635	CRT 3331-1	B	6770465	CRT 3331-1	A
6759636	CRT 3331-1	A	6770672	CRT 3331-1	A
6759707	CRT 3331-1	A	6770675	CRT 3331-1	A
6759721	CRT 3331-1	A	6770732	CRT 3331-1	A
6759748	CRT 3331-1	B	6770966	CRT 3331-1	A
6759755	CRT 3331-1	A	6771133	CRT 3331-1	A
6759756	CRT 3331-1	A	6771136	CRT 3331-1	A
6759763	CRT 3331-1	A	6771241	CRT 3331-1	A
6759776	CRT 3331-1	B	6771278	CRT 3331-1	A
6759789	CRT 3331-1	F	6771319	CRT 3331-1	A
6759793	CRT 3331-1	B	6771412	CRT 3331-1	B
6759794	CRT 3331-1	B	6771414	CRT 3331-1	A
6759795	CRT 3331-1	B	6771415	CRT 3331-1	A
6759812	CRT 3331-1	A	6771416	CRT 3331-1	A
6759817	CRT 3331-1	A	6771417	CRT 3331-1	A
6759826	CRT 3331-1	A	6771444	CRT 3331-1	A
6759827	CRT 3331-1	B	6771740	CRT 3331-1	A
6759828	CRT 3331-1	A	6771744	CRT 3331-1	A
6759837	CRT 3331-1	A	6771764	CRT 3331-1	A
6759850	CRT 3331-1	A	6771803	CRT 3321-1	B
6759851	CRT 3331-1	A	6771808	CRT 3331-1	A
6759858	CRT 3331-1	B	6772026	CRT 3331-1	A
6759861	CRT 3331-1	A	6772087	CRT 3331-1	A
6759865	CRT 3331-1	A	6772100	CRT 3331-1	A
6759866	CRT 3331-1	C	6772105	CRT 3331-1	B
6769518	CRT 3331-1	A	6772144	CRT 3321-1	B
6769554	CRT 3331-1	A	6772195	CRT 3331-1	B
6769556	CRT 3331-1	B	6772196	CRT 3331-1	A
6769615	CRT 3331-1	A	6772277	CRT 3331-1	A
6769635	CRT 3331-1	A	6772279	CRT 3331-1	A
6769737	CRT 3331-1	A	6772280	CRT 3331-1	B
6769824	CRT 3331-1	B	6772360	CRT 3331-1	C
6769841	CRT 3331-1	A	6772464	CRT 3331-1	B
6769862	CRT 3331-1	A	6772496	CRT 3331-1	B
6769867	CRT 3331-1	A	6772497	CRT 3331-1	A
6769901	CRT 3331-1	B	6772498	CRT 3331-1	A
6769902	CRT 3331-1	A	6772499	CRT 3331-1	A
6769922	CRT 3331-1	A	6772500	CRT 3331-1	A
6769935	CRT 3331-1	A	6772501	CRT 3331-1	A
6769948	CRT 3331-1	B	6772502	CRT 3331-1	A
6770000	CRT 3331-1	A	6772503	CRT 3331-1	C
6770005	CRT 3331-1	E	6772504	CRT 3331-1	A
6770063	CRT 3331-1	D	6772505	CRT 3331-1	A
6770081	CRT 3331-1	A	6772506	CRT 3331-1	A

CONTINUED ON NEXT PAGE

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

TRANSFER GEAR SECTION

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
6772507	CRT 3331-1	B	6774743	CRT 3331-1	B
6772731	CRT 3331-1	B	6774792	CRT 3331-1	A
6772825	CRT 3331-1	B	6775179	CRT 3331-1	A
6772826	CRT 3331-1	B	6775180	CRT 3331-1	A
6772827	CRT 3321-1	B	6775181	CRT 3331-1	A
6772828	CRT 3331-1	B	6775182	CRT 3331-1	A
6772829	CRT 3331-1	B	6775183	CRT 3331-1	C
6772891	CRT 3331-1	B	6775184	CRT 3331-1	A
6772892	CRT 3331-1	A	6775185	CRT 3331-1	A
6772893	CRT 3331-1	A	6775186	CRT 3331-1	B
6772895	CRT 3331-1	G	6775187	CRT 3331-1	B
6772913	CRT 3331-1	A	6775188	CRT 3331-1	B
6772914	CRT 3331-1	A	6775189	CRT 3331-1	B
6772915	CRT 3331-1	A	6775190	CRT 3331-1	B
6772916	CRT 3331-1	A	6775191	CRT 3331-1	A
6772917	CRT 3331-1	A	6775194	CRT 3331-1	A
6772918	CRT 3331-1	A	6775195	CRT 3331-1	A
6772929	CRT 3331-1	B	6775196	CRT 3331-1	A
6773161	CRT 3331-1	A	6775197	CRT 3331-1	A
6773339	CRT 3331-1	A	6775198	CRT 3331-1	A
6773369	CRT 3331-1	A	6775199	CRT 3331-1	A
6773371	CRT 3331-1	B	6775200	CRT 3331-1	A
6773419	CRT 3331-1	A	6775201	CRT 3331-1	A
6773533	CRT 3331-1	A	6775202	CRT 3331-1	A
6773534	CRT 3331-1	A	6775203	CRT 3331-1	A
6773579	CRT 3331-1	A	6775204	CRT 3331-1	A
6773580	CRT 3331-1	A	6775205	CRT 3331-1	A
6773635	CRT 3331-1	A	6775206	CRT 3331-1	B
6773752	CRT 3331-1	A	6775207	CRT 3331-1	A
6773798	CRT 3331-1	A	6775208	CRT 3331-1	A
6773809	CRT 3331-1	B	6775209	CRT 3331-1	A
6773810	CRT 3331-1	A	6775210	CRT 3331-1	A
6773838	CRT 3331-1	B	6775211	CRT 3331-1	M
6773883	CRT 3331-1	A	6775212	CRT 3331-1	B
6773900	CRT 3331-1	A	6775213	CRT 3331-1	A
6773975	CRT 3331-1	B	6775214	CRT 3331-1	B
6773976	CRT 3331-1	A	6775215	CRT 3331-1	A
6774124	CRT 3331-1	A	6775216	CRT 3331-1	B
6774145	CRT 3331-1	B	6775217	CRT 3321-1	A
6774146	CRT 3331-1	A	6775297	CRT 3331-1	A
6774158	CRT 3331-1	A	6775389	CRT 3331-1	C
6774159	CRT 3331-1	A	6775550	CRT 3331-1	B
6774221	CRT 3331-1	A	6775701	CRT 3331-1	B
6774319	CRT 3331-1	A	6776655	CRT 3331-1	D
6774332	CRT 3331-1	A	6776717	CRT 3331-1	B
6774463	CRT 3331-1	L	6776756	CRT 3331-1	A
6774484	CRT 3331-1	A	6776757	CRT 3331-1	A
6774496	CRT 3331-1	A	6776758	CRT 3331-1	A
6774567	CRT 3331-1	B	6776766	CRT 3331-1	A
6774568	CRT 3331-1	A	6776983	CRT 3331-1	A

CONTINUED ON NEXT PAGE

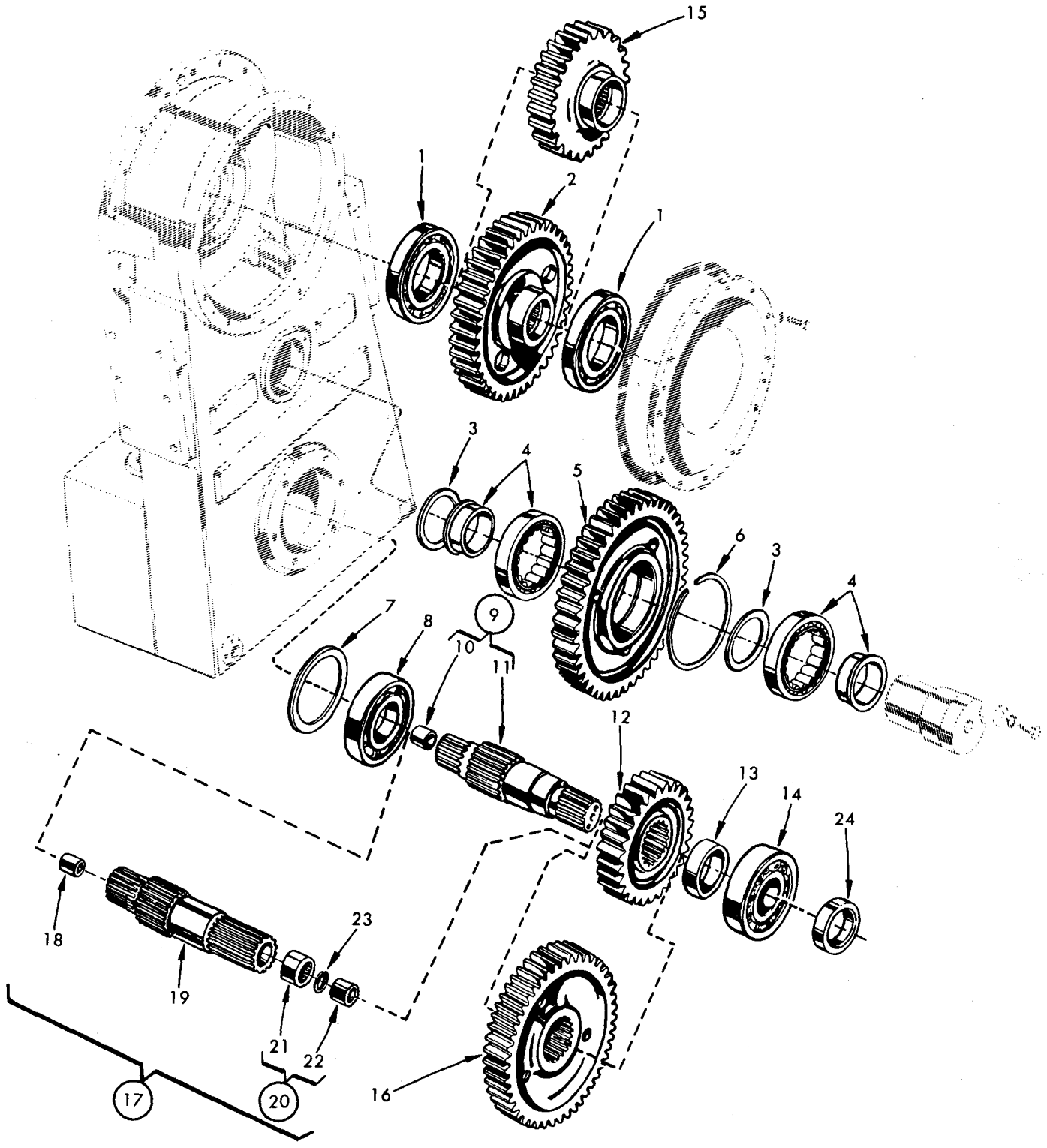
* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

TRANSFER GEAR SECTION

TO FIND DETAIL PARTS FOR YOUR ALLISON TORQMATIC TRANSMISSION, TURN TO THE GROUP LISTED OPPOSITE THE ASSEMBLY PART NUMBER OF YOUR TRANSMISSION.

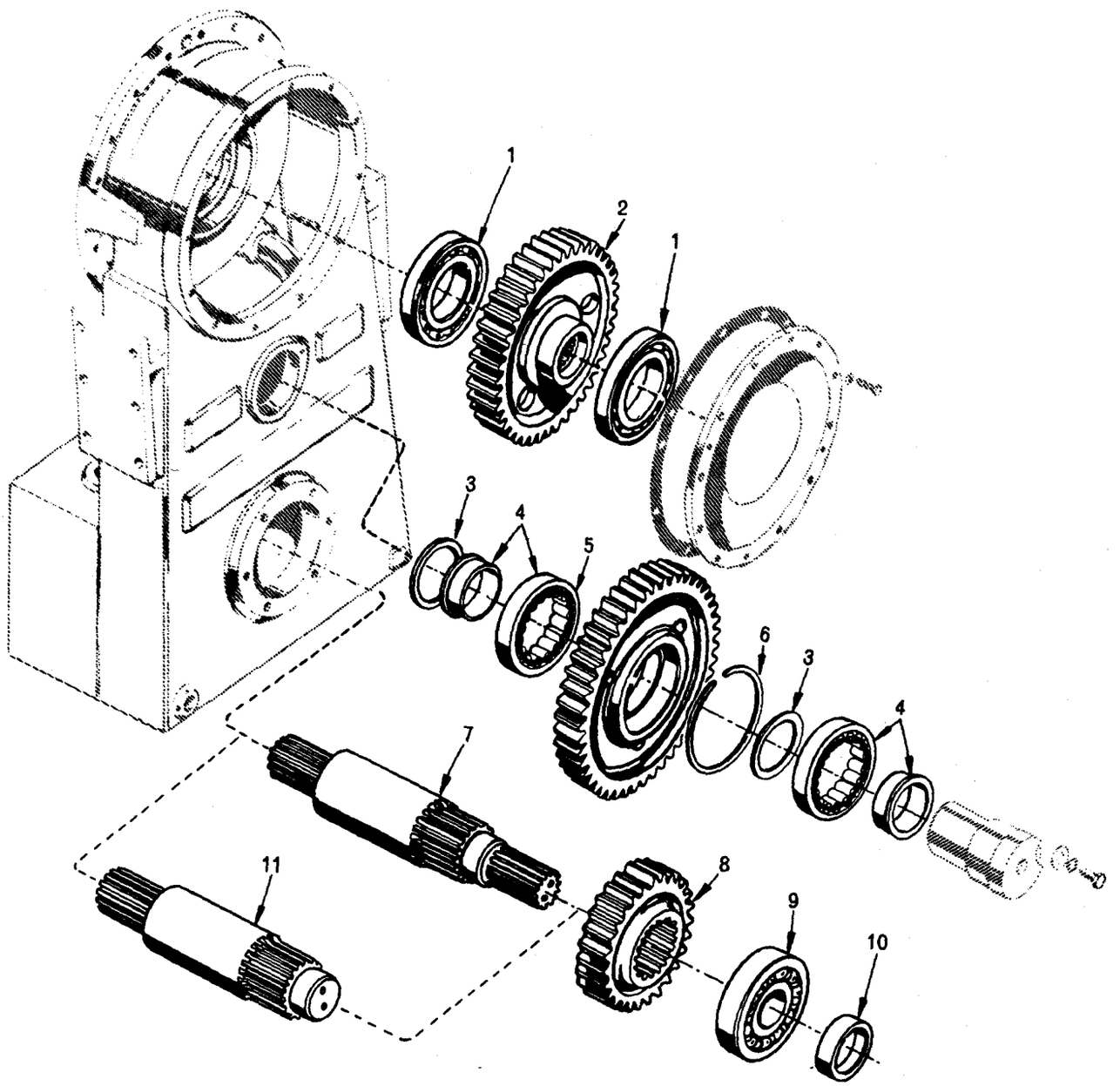
A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6776985	CRT 3331-1	A	6779078	CRT 3331-1	A
6777022	CRT 3331-1	B	6779085	CRT 3331-1	A
6777037	CRT 3331-1	A	6779086	CRT 3331-1	B
6777088	CRT 3331-1	B	6779104	CRT 3331-1	A
6777092	CRT 3331-1	A	6779142	CRT 3331-1	J
6777127	CRT 3331-1	A	6779143	CRT 3331-1	A
6777168	CRT 3331-1	A	6779145	CRT 3331-1	B
6777269	CRT 3331-1	A	6779172	CRT 3331-1	A
6777294	CRT 3331-1	A	6779191	CRT 3331-1	B
6777310	CRT 3331-1	A	6779217	CRT 3331-1	B
6777383	CRT 3331-1	B	6779230	CRT 3331-1	B
6777419	CRT 3331-1	A	6779234	CRT 3331-1	B
6777571	CRT 3331-1	B	6779264	CRT 3331-1	A
6777605	CRT 3331-1	A	6779313	CRT 3331-1	K
6777622	CRT 3331-1	A	6779424	CRT 3331-1	J
6777663	CRT 3331-1	A	6779470	CRT 3331-1	A
6777812	CRT 3331-1	A	6779502	CRT 3331-1	A
6777815	CRT 3331-1	A	6779677	CRT 3331-1	H
6777816	CRT 3331-1	A	6779765	CRT 3331-1	A
6777826	CRT 3331-1	J	6779769	CRT 3331-1	B
6777827	CRT 3331-1	A	6779862	CRT 3331-1	M
6777828	CRT 3331-1	A	6779891	CRT 3331-1	J
6777911	CRT 3331-1	A	6779964	CRT 3331-1	A
6777933	CRT 3331-1	A	6830425	CRT 3331-1	B
6777949	CRT 3331-1	B	6830554	CRT 3331-1	A
6777950	CRT 3331-1	B	6830591	CRT 3331-1	A
6777951	CRT 3331-1	A	6830699	CRT 3331-1	J
6777976	CRT 3331-1	A	6831016	CRT 3331-1	A
6778025	CRT 3331-1	A	6831297	CRT 3331-1	A
6778040	CRT 3331-1	A	6831298	CRT 3331-1	A
6778168	CRT 3331-1	A	6831358	CRT 3331-1	J
6778169	CRT 3331-1	B	6831535	CRT 3331-1	A
6778377	CRT 3331-1	A	6831801	CRT 3331-1	L
6778378	CRT 3331-1	A	6831904	CRT 3331-1	B
6778379	CRT 3331-1	J	6831986	CRT 3331-1	B
6778387	CRT 3331-1	B	6832033	CRT 3331-1	B
6778669	CRT 3331-1	A	6832043	CRT 3331-1	P
6778879	CRT 3331-1	B	6832044	CRT 3331-1	D
6778999	CRT 3331-1	B	6832245	CRT 3331-1	B
6779013	CRT 3331-1	A	6832415	CRT 3331-1	A
6779047	CRT 3331-1	A	6832434	CRT 3331-1	A
6779048	CRT 3331-1	A	6832614	CRT 3331-1	K
6779068	CRT 3331-1	B			

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE



4266A

FIG 12. TRANSFER GEAR



4366A

FIG 12-1. TRANSFER GEAR

GROUP A

TRANSFER GEAR, FIGURE 12

REF NO	NOMENCLATURE	PART NO		REQ
1	BEARING, SINGLE ROW BALL ND 3216XR1A	903216		2
2	GEAR, OUTPUT DRV 0.659 TO 1 OVERDRIVE	6758373		1
3	SPACER, IDLER GEAR BEARING . . . . . PRIOR TO S/N 39334 USE QTY 1. STARTING WITH S/N 39334 USE QTY 2.	6777391		2
4	BEARING, SINGLE ROW ROLLER, HYATT R1213WB	7451564		2
5	GEAR, OUTPUT IDLER, PRIOR TO S/N 39334 ORDER . . KIT P/N 6779314, COMPOSED OF 1 GEAR P/N 6777404, 1 SPINDLE P/N 6777403, 2 BEARINGS P/N 7451564, 2 SPACERS P/N 6777391, AND 1 SNAPRING P/N 6750924.	6777404		1
6	RING, INTERNAL SNAP, PRIOR TO S/N 39334 USE . . . QTY 2. STARTING WITH S/N 39334 USE QTY 1.	6750924		1
7	NOT USED IN THIS GROUP.			
8	BEARING, BALL ND 3311XR1A	903311		1
9	SHAFT ASSY, REAR OUTPUT	6759540		1
10	BUSHING	6756835		1
11	SHAFT, REAR OUTPUT	6759507	*	1
12	GEAR, OUTPUT DRVN 0.659 TO 1 OVERDRIVE	6758374		1
13	SPACER, OUTPUT DRVN GEAR	6768270		1
14	BEARING, BALL ND 3312XR1A	903312		1
15-24	NOT USED IN THIS GROUP.			

GROUP B

TRANSFER GEAR, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

2	NOT USED IN THIS GROUP.			
12	NOT USED IN THIS GROUP.			
15	GEAR, OUTPUT DRV 1.62 TO 1 UNDERDRIVE	6757172		1
16	GEAR, OUTPUT DRVN 1.62 TO 1 UNDERDRIVE	6757173		1
17-24	NOT USED IN THIS GROUP.			

GROUP C

TRANSFER GEAR, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

2	NOT USED IN THIS GROUP.			
7	SPACER	6759871		1
8	BEARING, BALL ND 3213XR1A	903213		1
9	SHAFT ASSY, REAR OUTPUT	6759870		1
11	SHAFT, REAR OUTPUT	6759875	*	1
12	NOT USED IN THIS GROUP.			
15	GEAR, OUTPUT DRV 1.62 TO 1 UNDERDRIVE	6759876		1
16	GEAR, OUTPUT DRVN 1.62 TO 1 UNDERDRIVE	6759878		1
17-24	NOT USED IN THIS GROUP.			

GROUP D

TRANSFER GEAR, FIGURE 12

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

15	GEAR, OUTPUT DRIVE 1.62 TO 1 UNDERDRIVE	6757172		1

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP E

TRANSFER GEAR, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO		REQ
9	SHAFT ASSY, REAR OUTPUT	6770046		1
11	SHAFT, REAR OUTPUT	6770044	*	1

GROUP F

TRANSFER GEAR, FIGURE 12

SAME AS GROUP B, EXCEPT FOR PARTS LISTED BELOW.

9	SHAFT ASSY, REAR OUTPUT	6770046		1
11	SHAFT, REAR OUTPUT	6770044	*	1

GROUP G

TRANSFER GEAR, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

9-11	NOT USED IN THIS GROUP.			
17	SHAFT ASSY, REAR OUTPUT DRIVE	6772962		1
18	BUSHING	6756835		1
19	SHAFT, REAR OUTPUT	6772944	*	1
20	BEARING ASSY, NEEDLE ROLLER	6754783		1
21	RACE, OUTER	6751634	*	1
22	RACE, INNER	6751632	*	1
23	RING, RACE RETAINING SNAP	6751633		1
24	NOT USED IN THIS GROUP.			

GROUP H

TRANSFER GEAR, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

2	GEAR, OUTPUT DRIVE, .789 TO 1 OVERDRIVE	6779678		1
12	GEAR, OUTPUT DRIVEN, .789 TO 1	6778240		1

GROUP J

TRANSFER GEAR, FIGURE 12-1

1	BEARING, SINGLE ROW BALL ND3216XR1A	903216		2
2	GEAR, OUTPUT DRIVE, 0.659 TO 1 OVERDRIVE	6758373		1
3	SPACER, IDLER GEAR	6777391		2
4	BEARING, SINGLE ROW ROLLER, HYATT R1213WB	7451564		2
5	GEAR, OUTPUT IDLER	6777404		1
6	RING, INTERNAL SNAP	6750924		1
7	SHAFT, OUTPUT, FRONT AND REAR. SEE SIL 641.	6779249		1
8	GEAR, OUTPUT DRIVEN, 0.659 TO 1 OVERDRIVE	6758374		1
9	BEARING, SINGLE ROW BALL, ND 3312XR1A	903312		1
10	SPACER, REAR OUTPUT FLANGE	6830074		1

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP K

TRANSFER GEAR, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO		REQ
2	NOT USED IN THIS GROUP.			
7	SPACER, IDLER GEAR BEARING	6759871		1
8	BEARING, SINGLE ROW BALL, ND 3213XR1A	903213		1
9	SHAFT ASSY, REAR OUTPUT	6759870		1
11	SHAFT	6759875	*	1
12	NOT USED IN THIS GROUP.			
15	GEAR, OUTPUT DRIVE, 1.62 TO 1 UNDERDRIVE	6759876		1
16	GEAR, OUTPUT DRIVEN, 1.62 TO 1 UNDERDRIVE	6759878		1
24	SPACER, REAR OUTPUT FLANGE	6830139		1

GROUP L

TRANSFER GEAR, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO		REQ
2	NOT USED IN THIS GROUP.			
9	SHAFT ASSY, REAR OUTPUT.	6830403		1
11	SHAFT, REAR OUTPUT.	6830404	*	1
12	NOT USED IN THIS GROUP.			
15	GEAR, OUTPUT DRIVE, 1.62 TO 1 UNDERDRIVE.	6757172		1
16	GEAR, OUTPUT DRIVEN, 1.62 TO 1 UNDERDRIVE. . . .	6757173		1
17-24	NOT USED IN THIS GROUP.			

GROUP M

TRANSFER GEAR, FIGURE 12-1

SAME AS GROUP J, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE
10	NOT USED IN THIS GROUP.

GROUP N

TRANSFER GEAR, FIGURE 12

SAME AS GROUP K, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
15	GEAR, OUTPUT DRIVE, 1.62 TO 1 UNDERDRIVE	6757172	1

GROUP P

TRANSFER GEAR, FIGURE 12

SAME AS GROUP K, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
7	NOT USED IN THIS GROUP.		
10	NOT USED IN THIS GROUP.		
11	SHAFT, FRONT OUTPUT	6832042	1

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

CONTROL VALVE BODY SECTION

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
** 6759479	CRT 3331-1	C S/N 18213	***6759858	CRT 3331-1	D S/N 18213
***6759479	CRT 3331-1	D S/N 18213	6759861	CRT 3331-1	C
** 6759583	CRT 3331-1	C S/N 18213	** 6759865	CRT 3331-1	C S/N 18623
***6759583	CRT 3331-1	D S/N 18213	***6759865	CRT 3331-1	D S/N 18623
** 6759584	CRT 3331-1	C S/N 18213	** 6759866	CRT 3331-1	E S/N 18238
***6759584	CRT 3331-1	D S/N 18213	***6759866	CRT 3331-1	F S/N 18238
** 6759597	CRT 3331-1	C S/N 18213	6769518	CRT 3331-1	D
***6759597	CRT 3331-1	D S/N 18213	** 6769554	CRT 3331-1	C S/N 18432
** 6759633	CRT 3331-1	E S/N 18238	***6769554	CRT 3331-1	D S/N 18432
***6759633	CRT 3331-1	F S/N 18238	6769556	CRT 3331-1	D
6759634	CRT 3331-1	D	** 6769615	CRT 3331-1	C S/N 18322
** 6759635	CRT 3331-1	E S/N 18238	***6769615	CRT 3331-1	D S/N 18322
***6759635	CRT 3331-1	F S/N 18238	** 6769635	CRT 3331-1	C S/N 18213
** 6759636	CRT 3331-1	C S/N 18213	***6769635	CRT 3331-1	D S/N 18213
***6759636	CRT 3331-1	D S/N 18213	6769737	CRT 3331-1	D
** 6759707	CRT 3331-1	C S/N 18213	** 6769824	CRT 3331-1	C S/N 18213
***6759707	CRT 3331-1	D S/N 18213	***6769824	CRT 3331-1	D S/N 18213
** 6759721	CRT 3331-1	C S/N 18213	6769841	CRT 3331-1	C
***6759721	CRT 3331-1	D S/N 18213	** 6769862	CRT 3331-1	C S/N 18213
** 6759748	CRT 3331-1	E S/N 18238	***6769862	CRT 3331-1	D S/N 18213
***6759748	CRT 3331-1	F S/N 18238	6769867	CRT 3331-1	D
** 6759755	CRT 3331-1	E S/N 18238	6769901	CRT 3331-1	D
***6759755	CRT 3331-1	F S/N 18238	** 6769902	CRT 3331-1	C S/N 18213
** 6759756	CRT 3331-1	C S/N 18213	***6769902	CRT 3331-1	D S/N 18213
***6759756	CRT 3331-1	D S/N 18213	6769922	CRT 3331-1	C
** 6759763	CRT 3331-1	C S/N 18213	6769935	CRT 3331-1	D
***6759763	CRT 3331-1	D S/N 18213	6769948	CRT 3331-1	D
** 6759776	CRT 3331-1	E S/N 18238	** 6770000	CRT 3331-1	E S/N 38740
***6759776	CRT 3331-1	F S/N 18238	***6770000	CRT 3331-1	D S/N 38740
** 6759789	CRT 3331-1	C S/N 18213	6770005	CRT 3331-1	D
***6759789	CRT 3331-1	D S/N 18213	6770063	CRT 3331-1	D
** 6759793	CRT 3331-1	E S/N 18238	6770081	CRT 3331-1	C
***6759793	CRT 3331-1	F S/N 18238	6770176	CRT 3331-1	D
** 6759794	CRT 3331-1	C S/N 18213	6770186	CRT 3331-1	D
***6759794	CRT 3331-1	D S/N 18213	6770273	CRT 3331-1	D
** 6759795	CRT 3331-1	C S/N 17687	6770328	CRT 3331-1	D
***6759795	CRT 3331-1	D S/N 17687	** 6770363	CRT 3331-1	E S/N 18238
** 6759812	CRT 3331-1	C S/N 18213	***6770363	CRT 3331-1	F S/N 18238
***6759812	CRT 3331-1	D S/N 18213	6770438	CRT 3331-1	D
6759817	CRT 3331-1	C	6770465	CRT 3331-1	D
6759826	CRT 3331-1	C	6770672	CRT 3331-1	D
6759827	CRT 3331-1	C	6770675	CRT 3331-1	D
** 6759828	CRT 3331-1	C S/N 18213	** 6770732	CRT 3331-1	E S/N 18238
***6759828	CRT 3331-1	D S/N 18213	***6770732	CRT 3331-1	F S/N 18238
6759837	CRT 3331-1	C	6770966	CRT 3331-1	D
** 6759850	CRT 3331-1	C S/N 18213	6771133	CRT 3331-1	D
***6759850	CRT 3331-1	D S/N 18213	6771136	CRT 3331-1	D
** 6759851	CRT 3331-1	C S/N 18213	6771241	CRT 3331-1	D
***6759851	CRT 3331-1	D S/N 18213	6771278	CRT 3331-1	D
** 6759858	CRT 3331-1	C S/N 18213	6771319	CRT 3331-1	D

CONTINUED ON NEXT PAGE

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

** PRIOR TO S/N

*** S/N AND LATER

CONTROL VALVE BODY SECTION

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
6771412	CRT 3331-1	D	6772914	CRT 3331-1	B
6771414	CRT 3331-1	D	6772915	CRT 3331-1	A
** 6771415	CRT 3331-1	C S/N 17593	6772916	CRT 3331-1	A
***6771415	CRT 3331-1	D S/N 17593	6772917	CRT 3331-1	A
** 6771416	CRT 3331-1	C S/N 18213	6772918	CRT 3331-1	A
***6771416	CRT 3331-1	D S/N 18213	6772929	CRT 3331-1	B
** 6771417	CRT 3331-1	C S/N 17619	6773161	CRT 3331-1	A
***6771417	CRT 3331-1	D S/N 17619	6773339	CRT 3331-1	A
** 6771444	CRT 3331-1	C S/N 17708	6773369	CRT 3331-1	A
***6771444	CRT 3331-1	D S/N 17708	6773371	CRT 3331-1	A
6771740	CRT 3331-1	D	6773419	CRT 3331-1	A
6771744	CRT 3331-1	F	6773533	CRT 3331-1	A
6771764	CRT 3331-1	D	6773534	CRT 3331-1	A
6771803	CRT 3321-1	D	6773579	CRT 3331-1	A
6771808	CRT 3331-1	D	6773580	CRT 3331-1	A
6772026	CRT 3331-1	D	6773635	CRT 3331-1	A
6772087	CRT 3331-1	D	6773752	CRT 3331-1	A
6772100	CRT 3331-1	D	6773798	CRT 3331-1	B
6772105	CRT 3331-1	D	6773809	CRT 3331-1	A
6772144	CRT 3321-1	B	6773810	CRT 3331-1	A
6772195	CRT 3331-1	A	6773838	CRT 3331-1	A
6772196	CRT 3331-1	B	6773883	CRT 3331-1	A
6772277	CRT 3331-1	D	6773900	CRT 3331-1	D
6772279	CRT 3331-1	D	6773975	CRT 3331-1	B
6772280	CRT 3331-1	B	6773976	CRT 3331-1	B
6772360	CRT 3331-1	F	6774124	CRT 3331-1	B
6772464	CRT 3331-1	D	6774145	CRT 3331-1	B
6772496	CRT 3331-1	B	6774146	CRT 3331-1	A
6772497	CRT 3331-1	A	6774158	CRT 3331-1	B
6772498	CRT 3331-1	A	6774159	CRT 3331-1	A
6772499	CRT 3331-1	A	6774221	CRT 3331-1	A
6772500	CRT 3331-1	A	6774319	CRT 3331-1	A
6772501	CRT 3331-1	A	6774332	CRT 3331-1	A
6772502	CRT 3331-1	A	6774463	CRT 3331-1	A
6772503	CRT 3331-1	A	6774484	CRT 3331-1	G
6772504	CRT 3331-1	A	6774496	CRT 3331-1	A
6772505	CRT 3331-1	A	6774567	CRT 3331-1	A
6772506	CRT 3331-1	A	6774568	CRT 3331-1	A
6772507	CRT 3331-1	A	6774743	CRT 3331-1	B
6772731	CRT 3331-1	D	6774792	CRT 3331-1	A
6772825	CRT 3331-1	A	6775179	CRT 3331-1	A
6772826	CRT 3331-1	A	6775180	CRT 3331-1	A
6772827	CRT 3321-1	B	6775181	CRT 3331-1	G
6772828	CRT 3331-1	B	6775182	CRT 3331-1	A
6772829	CRT 3331-1	A	6775183	CRT 3331-1	A
6772891	CRT 3331-1	A	6775184	CRT 3331-1	A
6772892	CRT 3331-1	A	6775185	CRT 3331-1	A
6772893	CRT 3331-1	B	6775186	CRT 3331-1	A
6772895	CRT 3331-1	A	6775187	CRT 3331-1	A
6772913	CRT 3331-1	A	6775188	CRT 3331-1	B

CONTINUED ON NEXT PAGE

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

** PRIOR TO S/N

*** S/N AND LATER

CONTROL VALVE BODY SECTION

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
6775189	CRT 3331-1	A	6777571	CRT 3331-1	A
6775190	CRT 3331-1	A	6777605	CRT 3331-1	B
6775191	CRT 3331-1	A	6777622	CRT 3331-1	B
6775194	CRT 3331-1	A	6777663	CRT 3331-1	A
6775195	CRT 3331-1	G	6777812	CRT 3331-1	A
6775196	CRT 3331-1	A	6777815	CRT 3331-1	G
6775197	CRT 3331-1	A	6777816	CRT 3331-1	A
6775198	CRT 3331-1	A	6777826	CRT 3331-1	A
6775199	CRT 3331-1	A	6777827	CRT 3331-1	B
6775200	CRT 3331-1	A	6777828	CRT 3331-1	A
6775201	CRT 3331-1	A	6777911	CRT 3331-1	G
6775202	CRT 3331-1	B	6777933	CRT 3331-1	B
6775203	CRT 3331-1	A	6777949	CRT 3331-1	A
6775204	CRT 3331-1	A	6777950	CRT 3331-1	B
6775205	CRT 3331-1	B	6777951	CRT 3331-1	B
6775206	CRT 3331-1	B	6777976	CRT 3331-1	D
6775207	CRT 3331-1	A	6778025	CRT 3331-1	G
6775208	CRT 3331-1	B	6778040	CRT 3331-1	A
6775209	CRT 3331-1	A	6778168	CRT 3331-1	A
6775210	CRT 3331-1	A	6778169	CRT 3331-1	A
6775211	CRT 3331-1	A	6778377	CRT 3331-1	B
6775212	CRT 3331-1	A	6778378	CRT 3331-1	B
6775213	CRT 3331-1	G	6778379	CRT 3331-1	B
6775214	CRT 3331-1	A	6778387	CRT 3331-1	B
6775215	CRT 3331-1	A	6778669	CRT 3331-1	A
6775216	CRT 3331-1	B	6778879	CRT 3331-1	A
6775217	CRT 3321-1	B	6778999	CRT 3331-1	A
6775297	CRT 3331-1	G	6779013	CRT 3331-1	A
6775389	CRT 3331-1	D	6779047	CRT 3331-1	A
6775550	CRT 3331-1	B	6779048	CRT 3331-1	A
6775701	CRT 3331-1	A	6779068	CRT 3331-1	A
6776655	CRT 3331-1	A	6779078	CRT 3331-1	B
6776717	CRT 3331-1	A	6779085	CRT 3331-1	A
6776756	CRT 3331-1	D	6779086	CRT 3331-1	B
6776757	CRT 3331-1	B	6779104	CRT 3331-1	A
6776758	CRT 3331-1	B	6779142	CRT 3331-1	A
6776766	CRT 3331-1	G	6779143	CRT 3331-1	B
6776983	CRT 3331-1	A	6779145	CRT 3331-1	B
6776985	CRT 3331-1	G	6779172	CRT 3331-1	A
6777022	CRT 3331-1	A	6779191	CRT 3331-1	A
6777037	CRT 3331-1	G	6779217	CRT 3331-1	A
6777088	CRT 3331-1	B	6779230	CRT 3331-1	B
6777092	CRT 3331-1	A	6779234	CRT 3331-1	A
6777127	CRT 3331-1	G	6779264	CRT 3331-1	G
6777168	CRT 3331-1	B	6779313	CRT 3331-1	B
6777269	CRT 3331-1	G	6779424	CRT 3331-1	A
6777294	CRT 3331-1	A	6779470	CRT 3331-1	A
6777310	CRT 3331-1	A	6779502	CRT 3331-1	A
6777383	CRT 3331-1	B	6779677	CRT 3331-1	A
6777419	CRT 3331-1	H	6779765	CRT 3331-1	A

CONTINUED ON NEXT PAGE

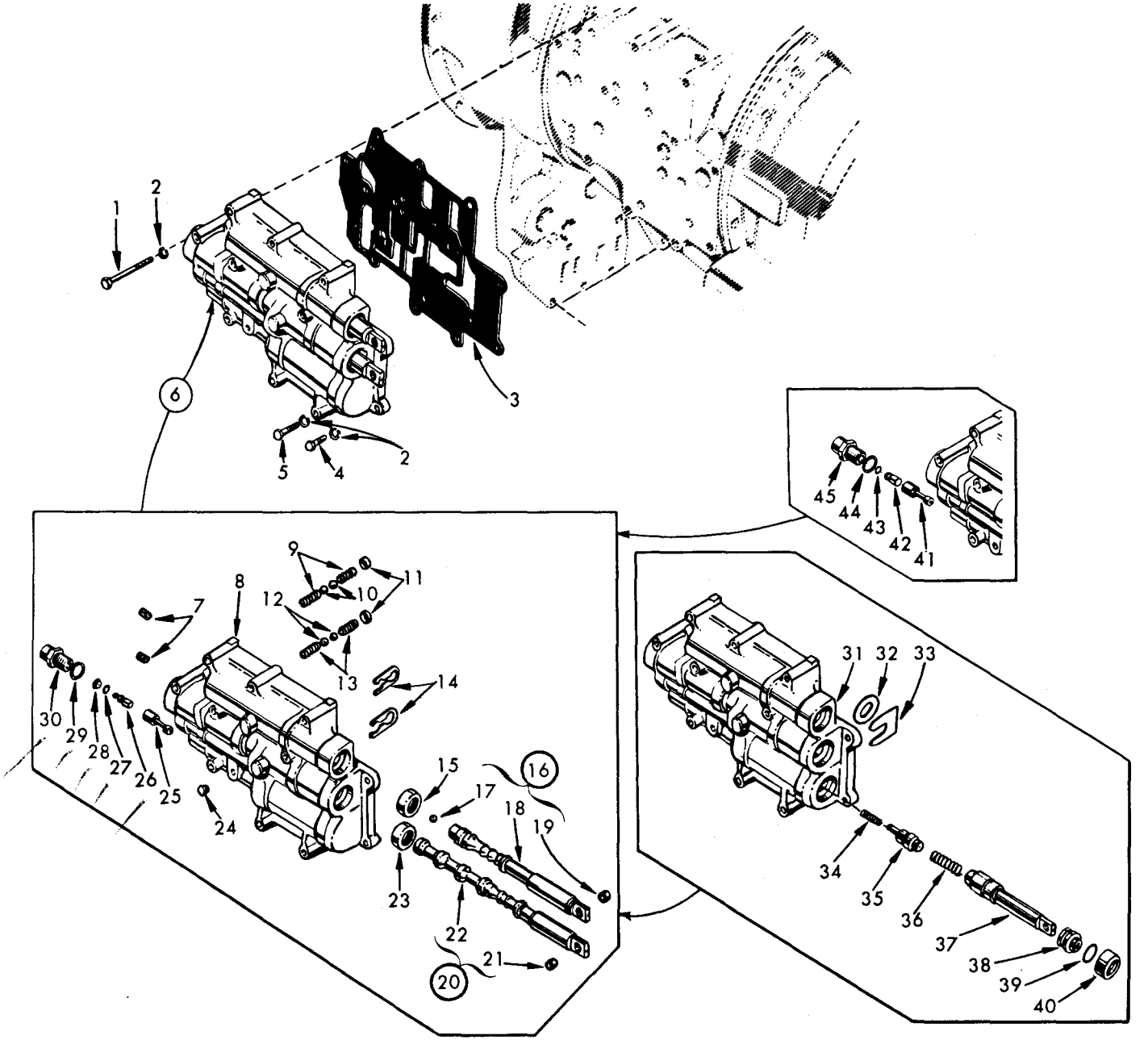
* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

CONTROL VALVE BODY SECTION

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
6779769	CRT 3331-1	A	6831535	CRT 3331-1	A
6779862	CRT 3331-1	A	6831801	CRT 3331-1	A
6779891	CRT 3331-1	B	6831904	CRT 3331-1	A
6779964	CRT 3331-1	A	6831986	CRT 3331-1	B
6830425	CRT 3331-1	A	6832033	CRT 3331-1	B
6830554	CRT 3331-1	A	6832043	CRT 3331-1	A
6830591	CRT 3331-1	G	6832044	CRT 3331-1	B
6830699	CRT 3331-1	A	6832245	CRT 3331-1	B
6831016	CRT 3331-1	B	6832415	CRT 3331-1	G
6831297	CRT 3331-1	G	6832434	CRT 3331-1	G
6831298	CRT 3331-1	A	6832614	CRT 3331-1	A
6831358	CRT 3331-1	A			

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE



4467

FIG 13. CONTROL VALVE BODY

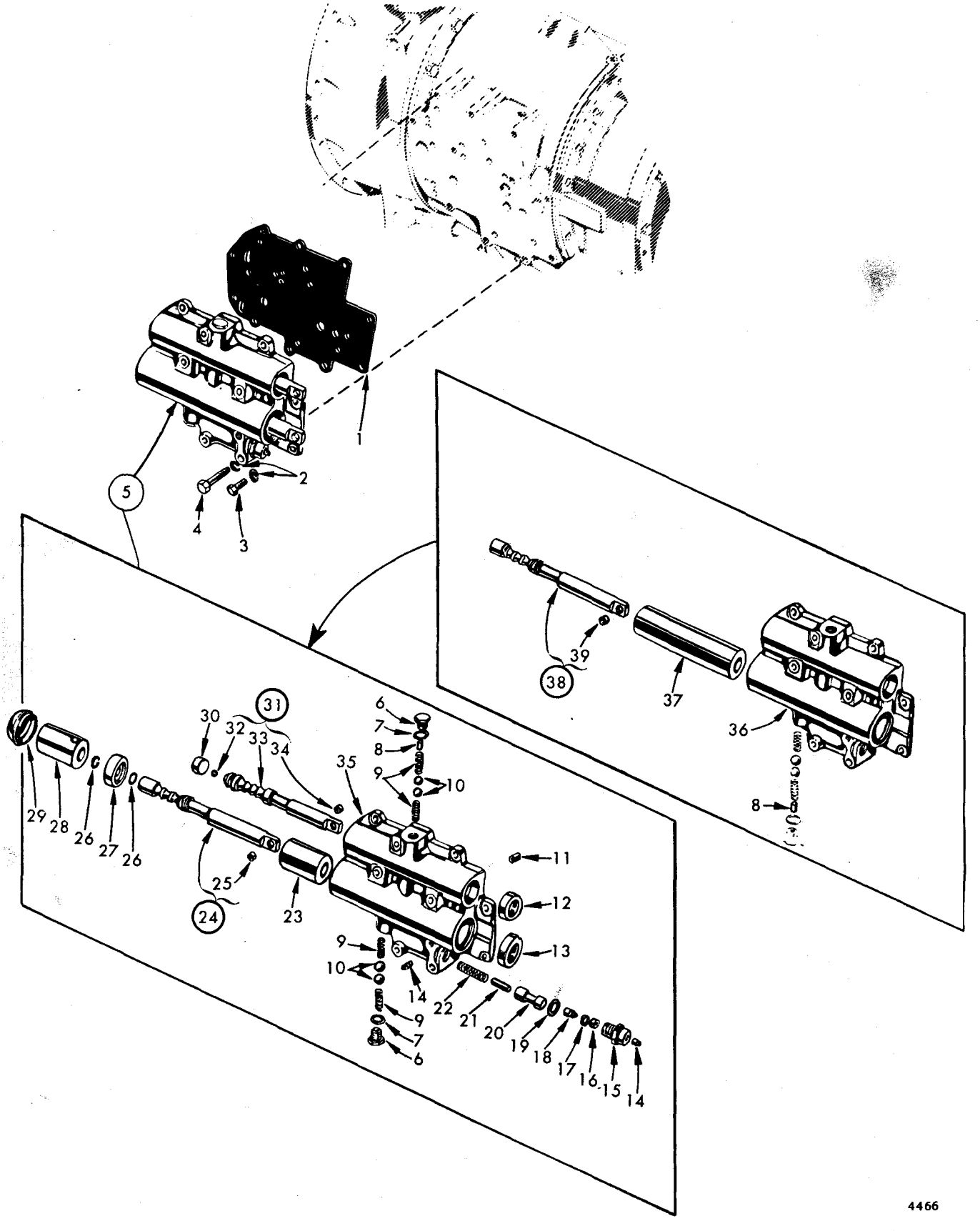


FIG 13-1. CONTROL VALVE BODY

GROUP A

CONTROL VALVE BODY, FIGURE 13

REF NO	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 BODY CONTROL VALVE WITH HYDRAULICALLY ACTUATED CLUTCH CUT-OFF 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, SELECTOR VALVE DETENT, 6.3 COILS, .593 OD, .053-.055 WIRE DIA TWO COILS PAINTED 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 PAINTED YELLOW	6773641		2
14	STOP, VALVE	6772053		2
15	SEAL, 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, FORWARD 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, CLUTCH CUT-OFF VALVE	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 13

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

6	BODY ASSY, CONTROL VALVE THREE SPOOL INCHING CONTROL WITHOUT CLUTCH CUT OFF 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 RUBBER	6772043		1
33	STOP, INCHING VALVE PLUG	6772049		1
34	SPRING, INCHING REGLTR 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

CONTINUED ON NEXT PAGE

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP B CONT

CONTROL VALVE BODY, FIGURE 13

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO		REQ
40	SEAL, INCHING VALVE LIP TYPE OIL	6772050		1
41-45	NOT USED IN THIS GROUP.			

GROUP C

CONTROL VALVE BODY, FIGURE 13-1

1	GASKET, CONTROL VALVE BODY	6759499		1
2	WASHER, LOCK, 3/8	103321		11
3	BOLT, HEX HD, 3/8-16 X 1 1/4	179841		6
4	BOLT, HEX HD, 3/8-16 X 3	179851		5
5	BODY ASSY, CONTROL VALVE SENSE-FEEL CONTROL . . WITH HYDRAULICALLY CONTROLLED CLUTCH CUT OFF VALVE	6759544		1
6	PLUG, HX HD, 3/4-16 UNF	6772115		2
7	GASKET, COPPER	6768523		2
8	PIN	6750945		1
9	SPRING, VALVE DETENT, 9 COILS, .563 OD, ...062-.064 WIRE DIA	6703162		4
10	BALL, 5/8 DIA	145659		4
11	PIN, SPRING, TYPE A PRIOR TO S/N 5909 . . . USE 139795. STARTING WITH S/N 5909 USE 453675	453675		2
12	SEAL, RANGE SELECTOR VALVE LIP TYPE OIL . . .	6703159		1
13	SEAL, FORWARD AND REVERSE VALVE LIP TYPE . . . OIL	6757264		1
14	PLUG, PIPE, 1/8	445684		2
15	PLUG, CUT-OFF VALVE RTNR	6758306		1
16	CUP, CLUTCH CUT-OFF VALVE PISTON	6771913		1
17	RING, CLU CUT-OFF VALVE PLUG O RING TYPE . . . SEAL	6750558		1
18	PLUG, CLUTCH CUT-OFF VALVE	6771914		1
19	GASKET, ANNULAR, 7/8	105456		1
20	VALVE, CLUTCH CUT-OFF	6758304		1
21	PIN, 3/8 X 1 3/8	103772		1
22	SPRING, CLU CUT-OFF VALVE, 17 COILS, .550 . . OD, .071-.073 WIRE DIA	6757251		1
23	SLEEVE, FORWARD SHIFT PRIOR TO S/N 5909 . . USE 6757261. STARTING WITH S/N 5909 USE 6769641	6769641		1
24	VALVE ASSY, FORWARD & REVERSE	6769426		1
25	BUSHING	6769402		1
26	RING, INTERNAL SNAP	6750912		2
27	PISTON, FORWARD & REVERSE	6757260		1
28	SLEEVE, REVERSE SHIFT PRIOR TO S/N 5909 USE 6757258. STARTING WITH S/N 5909 USE 6769642	6769642		1
29	CUP	499204		1
30	CAP, SELECTOR VALVE	6774572		1
31	VALVE ASSY, RANGE SELECTOR	6757263		1
32	BALL, 15/32 DIA	145656	*	1
33	VALVE, RANGE SELECTOR	6757262	*	1
34	BUSHING	6769402		1
35	BODY, CONTROL VALVE PRIOR TO S/N 5909 USE . 6759498. STARTING WITH S/N 5909 USE 6769643	6769643		1
36-39	NOT USED IN THIS GROUP.			

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP D

CONTROL VALVE BODY, FIGURE 13-1

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
5	BODY ASSY, CONTROL VALVE INCHING CONTROL VALVE WITH HYDRAULICALLY ACTUATED CLUTCH CUT OFF VALVE	6768725	1
8	PIN	6750945	2
11	PIN, SPRING, TYPE A PRIOR TO S/N 5909 . . . USE 139795. STARTING WITH S/N 5909 USE 453675	453675	1
23-29	NOT USED IN THIS GROUP.		
35	NOT USED IN THIS GROUP.		
36	BODY, CONTROL VALVE	6769643	1
37	SLEEVE, FORWARD & REVERSE SHIFT VALVE . . . . PRIOR TO S/N 5909 USE 6768728. STARTING WITH S/N 5909 USE 6769645	6769645	1
38	VALVE ASSY, FORWARD & REVERSE	6769440	1
39	BUSHING	6769402	1

GROUP E

CONTROL VALVE BODY, FIGURE 13-1

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
5	BODY ASSY, CONTROL VALVE SENSE-FEEL CONTROL . . WITHOUT CLUTCH CUT OFF VALVE	6769998	1
14	PLUG, PIPE, 1/8	445684	1
15-22	NOT USED IN THIS GROUP.		
35	BODY, CONTROL VALVE	6769999	1

GROUP F

CONTROL VALVE BODY, FIGURE 13-1

SAME AS GROUP D, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
5	BODY ASSY, CONTROL VALVE INCHING CONTROL . . . WITHOUT CLUTCH CUTOFF VALVE	6771398	1
14	PLUG, PIPE, 1/8	445684	1
15-22	NOT USED IN THIS GROUP.		
36	BODY, CONTROL VALVE	6769999	1

GROUP G

CONTROL VALVE, FIGURE 13

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
6	BODY ASSY, CONTROL VALVE CONTROL VALVE BODY . . WITH AIR ACTUATED CLUTCH CUTOFF	6773646	1
25-40	NOT USED IN THIS GROUP.		
41	VALVE, CLUTCH CUT-OFF	6772078	1
42	PLUG, CLUTCH CUT-OFF	6758305	1
43	RING, CLU CUT-OFF VALVE PLUG O RING TYPE . . . SEAL	6750558	1
44	GASKET, VALVE ACCESS PLUG	105456	1
45	PLUG, VALVE ACCESS	6771378	1

GROUP H

CONTROL VALVE BODY, FIGURE 13

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
6	BODY ASSY, CONTROL VALVE THREE SPOOL INCHING CONTROL WITHOUT CLUTCH CUT-OFF	6775085	1
8	NOT USED IN THIS GROUP.		
16	VALVE ASSY, RANGE SELECTOR	6775087	1
18	VALVE	6775082	1
20	VALVE ASSY, FORWARD AND REVERSE	6775086	1
22	VALVE	6775083	1
25-30	NOT USED IN THIS GROUP.		
31	BODY, CONTROL VALVE	6772063	1
32	WASHER, INCHING VALVE RUBBER	6772043	1
33	STOP, INCHING VALVE PLUG	6772049	1
34	SPRING, INCHING REGULATOR VALVE	6770298	1
35	VALVE, INCHING REGULATOR	6772055	1
36	SPRING, INCHING VALVE	6772046	1
37	VALVE, INCHING CONTROL	6775081	1
38	PLUG, INCHING VALVE	6772045	1
39	RING, INCHING VALVE PLUG SEAL	6772051	1
40	SEAL, INCHING VALVE OIL	6772050	1
41-45	NOT USED IN THIS GROUP.		

PRESSURE REGULATOR VALVE SECTION

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
6759479	CRT 3331-1	A	6770176	CRT 3331-1	A
6759583	CRT 3331-1	A	6770186	CRT 3331-1	A
6759584	CRT 3331-1	A	6770273	CRT 3331-1	A
6759597	CRT 3331-1	A	6770328	CRT 3331-1	A
6759633	CRT 3331-1	A	6770363	CRT 3331-1	A
6759634	CRT 3331-1	A	6770438	CRT 3331-1	A
6759635	CRT 3331-1	A	6770465	CRT 3331-1	B
6759636	CRT 3331-1	A	6770672	CRT 3331-1	A
6759707	CRT 3331-1	A	6770675	CRT 3331-1	A
6759721	CRT 3331-1	A	6770732	CRT 3331-1	A
6759748	CRT 3331-1	A	6770966	CRT 3331-1	A
6759755	CRT 3331-1	A	6771133	CRT 3331-1	B
6759756	CRT 3331-1	A	6771136	CRT 3331-1	B
6759763	CRT 3331-1	A	6771241	CRT 3331-1	A
6759776	CRT 3331-1	A	6771278	CRT 3331-1	A
6759789	CRT 3331-1	A	6771319	CRT 3331-1	A
6759793	CRT 3331-1	A	6771412	CRT 3331-1	A
6759794	CRT 3331-1	A	6771414	CRT 3331-1	A
6759795	CRT 3331-1	A	6771415	CRT 3331-1	A
6759812	CRT 3331-1	A	6771416	CRT 3331-1	A
6759817	CRT 3331-1	A	6771417	CRT 3331-1	A
6759826	CRT 3331-1	A	6771444	CRT 3331-1	A
6759827	CRT 3331-1	A	6771740	CRT 3331-1	A
6759828	CRT 3331-1	A	6771744	CRT 3331-1	A
6759837	CRT 3331-1	A	6771764	CRT 3331-1	A
6759850	CRT 3331-1	A	6771803	CRT 3321-1	A
6759851	CRT 3331-1	A	6771808	CRT 3331-1	A
6759858	CRT 3331-1	A	6772026	CRT 3331-1	A
6759861	CRT 3331-1	A	6772087	CRT 3331-1	A
6759865	CRT 3331-1	A	6772100	CRT 3331-1	A
6759866	CRT 3331-1	A	6772105	CRT 3331-1	A
6769518	CRT 3331-1	A	6772144	CRT 3321-1	A
6769554	CRT 3331-1	A	6772195	CRT 3331-1	A
6769556	CRT 3331-1	A	6772196	CRT 3331-1	A
6769615	CRT 3331-1	A	6772277	CRT 3331-1	A
6769635	CRT 3331-1	A	6772279	CRT 3331-1	A
6769737	CRT 3331-1	A	6772280	CRT 3331-1	A
6769824	CRT 3331-1	A	6772360	CRT 3331-1	A
6769841	CRT 3331-1	A	6772464	CRT 3331-1	A
6769862	CRT 3331-1	A	6772496	CRT 3331-1	A
6769867	CRT 3331-1	A	6772497	CRT 3331-1	A
6769901	CRT 3331-1	A	6772498	CRT 3331-1	A
6769902	CRT 3331-1	A	6772499	CRT 3331-1	A
6769922	CRT 3331-1	A	6772500	CRT 3331-1	A
6769935	CRT 3331-1	A	6772501	CRT 3331-1	A
6769948	CRT 3331-1	A	6772502	CRT 3331-1	B
6770000	CRT 3331-1	A	6772503	CRT 3331-1	A
6770005	CRT 3331-1	A	6772504	CRT 3331-1	A
6770063	CRT 3331-1	A	6772505	CRT 3331-1	B
6770081	CRT 3331-1	A	6772506	CRT 3331-1	A

CONTINUED ON NEXT PAGE

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

PRESSURE REGULATOR VALVE SECTION

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
6772507	CRT 3331-1	A	6774743	CRT 3331-1	A
6772731	CRT 3331-1	A	6774792	CRT 3331-1	A
6772825	CRT 3331-1	A	6775179	CRT 3331-1	A
6772826	CRT 3331-1	A	6775180	CRT 3331-1	A
6772827	CRT 3321-1	A	6775181	CRT 3331-1	A
6772828	CRT 3331-1	A	6775182	CRT 3331-1	A
6772829	CRT 3331-1	A	6775183	CRT 3331-1	A
6772891	CRT 3331-1	A	6775184	CRT 3331-1	B
6772892	CRT 3331-1	A	6775185	CRT 3331-1	A
6772893	CRT 3331-1	A	6775186	CRT 3331-1	A
6772895	CRT 3331-1	A	6775187	CRT 3331-1	A
6772913	CRT 3331-1	A	6775188	CRT 3331-1	A
6772914	CRT 3331-1	A	6775189	CRT 3331-1	A
6772915	CRT 3331-1	A	6775190	CRT 3331-1	A
6772916	CRT 3331-1	A	6775191	CRT 3331-1	A
6772917	CRT 3331-1	A	6775194	CRT 3331-1	A
6772918	CRT 3331-1	A	6775195	CRT 3331-1	A
6772929	CRT 3331-1	A	6775196	CRT 3331-1	A
6773161	CRT 3331-1	A	6775197	CRT 3331-1	A
6773339	CRT 3331-1	A	6775198	CRT 3331-1	A
6773369	CRT 3331-1	A	6775199	CRT 3331-1	A
6773371	CRT 3331-1	A	6775200	CRT 3331-1	A
6773419	CRT 3331-1	A	6775201	CRT 3331-1	A
6773533	CRT 3331-1	A	6775202	CRT 3331-1	A
6773534	CRT 3331-1	A	6775203	CRT 3331-1	A
6773579	CRT 3331-1	A	6775204	CRT 3331-1	B
6773580	CRT 3331-1	A	6775205	CRT 3331-1	A
6773635	CRT 3331-1	A	6775206	CRT 3331-1	A
6773752	CRT 3331-1	A	6775207	CRT 3331-1	A
6773798	CRT 3331-1	A	6775208	CRT 3331-1	A
6773809	CRT 3331-1	A	6775209	CRT 3331-1	A
6773810	CRT 3331-1	A	6775210	CRT 3331-1	A
6773838	CRT 3331-1	A	6775211	CRT 3331-1	A
6773883	CRT 3331-1	B	6775212	CRT 3331-1	A
6773900	CRT 3331-1	A	6775213	CRT 3331-1	A
6773975	CRT 3331-1	A	6775214	CRT 3331-1	A
6773976	CRT 3331-1	A	6775215	CRT 3331-1	A
6774124	CRT 3331-1	A	6775216	CRT 3331-1	A
6774145	CRT 3331-1	A	6775217	CRT 3321-1	A
6774146	CRT 3331-1	A	6775297	CRT 3331-1	A
6774158	CRT 3331-1	A	6775389	CRT 3331-1	A
6774159	CRT 3331-1	A	6775550	CRT 3331-1	A
6774221	CRT 3331-1	A	6775701	CRT 3331-1	A
6774319	CRT 3331-1	A	6776655	CRT 3331-1	A
6774332	CRT 3331-1	A	6776717	CRT 3331-1	A
6774463	CRT 3331-1	A	6776756	CRT 3331-1	A
6774484	CRT 3331-1	A	6776757	CRT 3331-1	A
6774496	CRT 3331-1	A	6776758	CRT 3331-1	A
6774567	CRT 3331-1	A	6776766	CRT 3331-1	A
6774568	CRT 3331-1	A	6776983	CRT 3331-1	A

CONTINUED ON NEXT PAGE

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

PRESSURE REGULATOR VALVE SECTION

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
6776985	CRT 3331-1	A	6779078	CRT 3331-1	A
6777022	CRT 3331-1	A	6779085	CRT 3331-1	A
6777037	CRT 3331-1	A	6779086	CRT 3331-1	A
6777088	CRT 3331-1	A	6779104	CRT 3331-1	A
6777092	CRT 3331-1	A	6779142	CRT 3331-1	A
6777127	CRT 3331-1	A	6779143	CRT 3331-1	A
6777168	CRT 3331-1	A	6779145	CRT 3331-1	A
6777269	CRT 3331-1	A	6779172	CRT 3331-1	A
6777294	CRT 3331-1	A	6779191	CRT 3331-1	A
6777310	CRT 3331-1	A	6779217	CRT 3331-1	A
6777383	CRT 3331-1	A	6779230	CRT 3331-1	A
6777419	CRT 3331-1	A	6779234	CRT 3331-1	A
6777571	CRT 3331-1	A	6779264	CRT 3331-1	A
6777605	CRT 3331-1	A	6779313	CRT 3331-1	A
6777622	CRT 3331-1	A	6779424	CRT 3331-1	A
6777663	CRT 3331-1	A	6779470	CRT 3331-1	A
6777812	CRT 3331-1	A	6779502	CRT 3331-1	A
6777815	CRT 3331-1	A	6779677	CRT 3331-1	A
6777816	CRT 3331-1	A	6779765	CRT 3331-1	A
6777826	CRT 3331-1	A	6779769	CRT 3331-1	A
6777827	CRT 3331-1	A	6779862	CRT 3331-1	A
6777828	CRT 3331-1	A	6779891	CRT 3331-1	A
6777911	CRT 3331-1	A	6779964	CRT 3331-1	A
6777933	CRT 3331-1	A	6830425	CRT 3331-1	A
6777949	CRT 3331-1	A	6830554	CRT 3331-1	A
6777950	CRT 3331-1	A	6830591	CRT 3331-1	A
6777951	CRT 3331-1	A	6830699	CRT 3331-1	A
6777976	CRT 3331-1	A	6831016	CRT 3331-1	A
6778025	CRT 3331-1	A	6831297	CRT 3331-1	A
6778040	CRT 3331-1	A	6831298	CRT 3331-1	A
6778168	CRT 3331-1	A	6831358	CRT 3331-1	A
6778169	CRT 3331-1	A	6831535	CRT 3331-1	A
6778377	CRT 3331-1	A	6831801	CRT 3331-1	A
6778378	CRT 3331-1	A	6831904	CRT 3331-1	A
6778379	CRT 3331-1	A	6831986	CRT 3331-1	A
6778387	CRT 3331-1	A	6832033	CRT 3331-1	A
6778669	CRT 3331-1	A	6832043	CRT 3331-1	A
6778879	CRT 3331-1	A	6832044	CRT 3331-1	A
6778999	CRT 3331-1	A	6832245	CRT 3331-1	A
6779013	CRT 3331-1	A	6832415	CRT 3331-1	A
6779047	CRT 3331-1	A	6832434	CRT 3331-1	A
6779048	CRT 3331-1	A	6832614	CRT 3331-1	A
6779068	CRT 3331-1	A			

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

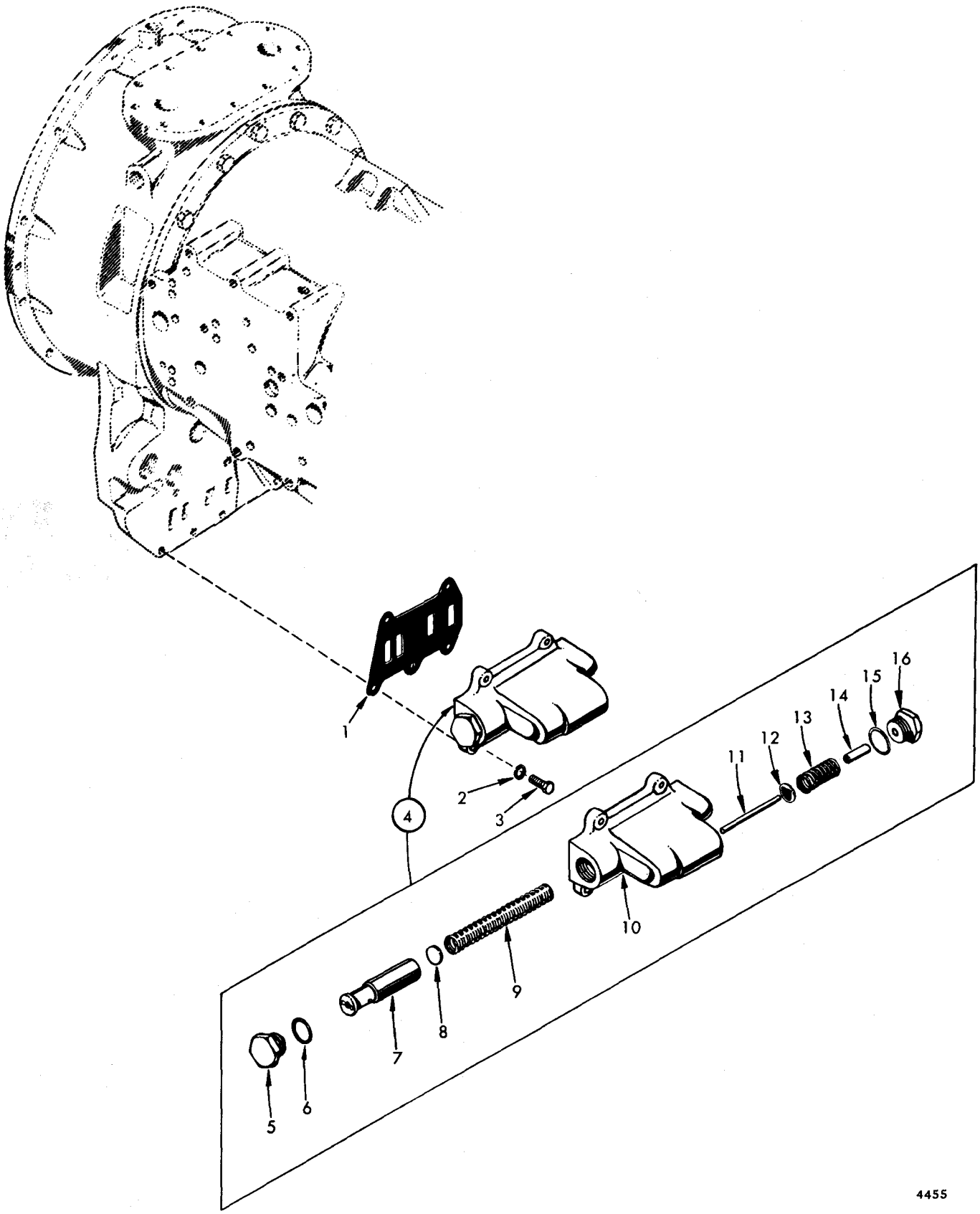


FIG 14. PRESSURE REGULATOR VALVE

SEE BACK OF 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.

PART NO	FIG NO	REF NO	HISTORY
103026	1	16	
103026	2	13	
103320	17	11	
103320	17-1	10	
103321	1	15	
103321	2	12	
103321	4	9	
103321	4	13	
103321	6	3	
103321	6	15	
103321	6-1	16	
103321	6-1	20	
103321	8	10	
103321	11	19	
103321	11	28	
103321	11	36	
103321	11	45	
103321	11	49	
103321	13	2	
103321	13-1	2	
103321	14	2	
103321	15	3	
103322	8	3	
103322	8	7	
103322	11	24	
103323	11	28	
103323	18	17	
103323	18	19	
103325	16	10	
103772	13-1	21	
103877			RB 445684
105456	13	29	
105456	13-1	19	
105456	13-1	44	
105462			RB 6768523
106643	11	8	
106644	11	33	
106644	11	51	
115308	11	2	
115549	4	27	
139795			RB 453675
141159			RB 9421034
142756	14	6	
142756	14	15	
142862	11	16	
143938	11	33	
145643			RB 145656
145643	15	12	
145656			R 145643
145656	13	17	
145656	13-1	32	
145657	18	10	
145659	13	9	
145659	13	12	
145659	13-1	10	
148415	6	8	
148415	6	12	
148415	6-1	9	
148415	6-1	14	
179819	17	10	
179819	17-1	11	
179837	4	10	
179838	11	50	
179839	6	16	
179839	6-1	17	
179839	11	35	
179839	11	44	
179839	15	2	
179840	11	20	
179841	11	20	
179841	13	4	
179841	13-1	3	
179841	14	3	
179842	11	29	
179843	4	14	
179845	15	2	
179848	6	1	
179848	6-1	19	
179849	13	5	
179850	6	2	
179850	6-1	18	
179851	13-1	4	
179857	11	25	
179858	11	25	
179861	8	4	
179861	8	8	
179882	2	6	
179884	11	29	
179885	18	16	
179885	18	18	
179892	11	29	
179892	18	20	
181343	11	1	
181365			RB 9409036
181379	2	2	
181429	3	11	
186271	5	9	
186283	13	1	
186628			R 454914
186628	8	11	
271556	16	9	
272808			RB 272858
272855	11	10	
272855	11	12	
272858			R 272808
272858	4	15	
443767	6	7	
443767	6-1	8	
444576			RB 444618
444576	5	7	
444592	11	32	
444592	11	42	
444612	13	24	
444618			R 444576
444618	11	34	
444618	11	34	
444618	11	34	
444660	13	7	
444678	11	41	
445684			R 103877

R - REPLACES RB - REPLACED BY

Part No.	Part Name	Quantity
6757767	Gasket	1
6769995	Cover	1
115308	Washer	1
181343	Bolt	1
6770169	Nipple	1
179857	Bolt	1
6768267	Nameplate	1
142862	Screw	4
6773338	Instruction Sheet No. 31	1

5. Kit P/N 6773336 - Replaces cast dropbox P/N 6759526.

Contents of kit:

Part No.	Part Name	Quantity
6772192	Housing, Transfer Gear	1
6772190	Gasket, Rear Bearing Retainer	1
6772179	Retainer, Rear Bearing	1
103323	Washer	6
179884	Bolt	6
6772183	Fork, Shifter	1
6772187	Shaft, Shifter	1
179840	Bolt	12
6769994	Coupling	1
6769996	Screen, Oil	1
6757774	Retainer	1
6757767	Gasket	1
6769995	Cover	1
115308	Washer	1
181343	Bolt	1
6770169	Nipple	1
179857	Bolt	1
6768267	Nameplate	1
142862	Screw	4
6773338	Instruction Sheet No. 31	1

6. Kit P/N 6773337 - Replaces cast housing P/N 6759241.

Contents of kit:

Part No.	Part Name	Quantity
6773086	Housing, Transfer Gear	1

Part No.	Part Name	Quantity
6769994	Coupling	1
6769996	Screen, Oil	1
6757774	Retainer	1
6757767	Gasket, Oil Screen	1
6769995	Cover	1
115308	Washer	1
181343	Bolt	1
6770169	Nipple	1
179857	Bolt	1
6768267	Nameplate	1
142862	Screw	4
6773338	Instruction Sheet No. 31	1

Effect On Interchangeability:

With the use of the new transfer gear housings, all the affected transmissions were either completely cancelled or reidentified with new assembly numbers, with the exception of two models, Assy. No. 6771278 and Assy. No. 6771647. In these two models, the use of the new parts started in production with transmission serial number S/N 23080.

The new parts should be used for service in all models: as detail parts in transmissions with new assembly numbers; as detail parts in Assy. No.'s 6771278 and 6771647 with serial numbers above S/N 23079; and as a group (in kits) in all other transmissions.

All old parts in spare parts stock should be used in older transmissions.

To avoid the necessity of replacing an entire dropbox when only a minor detail part is needed, all the old parts, except the transfer housings, will be maintained for service.

Service Manager
Transmission Operations

New Part No.	Old Part No.	Part Name	Quantity
	6757347	Cover, Access Hole	1
	6758238	Cover, Access Hole	1
	103321	Washer, Access Cover Bolt	12
	179839	Bolt, Access Cover	12
179857	179858	Bolt, Output Idler Gear Spindle	1

Listed below are the kits which have been released to serve as replacements for all cast dropboxes and the old welded dropboxes:

1. Kit P/N 6773332 - Replaces welded dropbox, P/N 6772281, and welded dropbox P/N 6771637.

Contents of kit:

Part No.	Part Name	Quantity
6772169	Housing, Transfer Gear	1
6772190	Gasket, Rear Bearing Retainer	1
6772179	Retainer, Rear Bearing	1
103323	Washer	6
179884	Bolt	6
6772183	Fork, Shifter	1
6772187	Shaft, Shifter	1
179840	Bolt	12
6768267	Nameplate	1
142862	Screw, Drive, Nameplate	4

2. Kit P/N 6773333 - Replaces welded dropbox P/N 6772086.
Contents of kit:

Part No.	Part Name	Quantity
6772189	Housing, Transfer Gear	1
6772190	Gasket, Rear Bearing Retainer	1
6772179	Retainer, Rear Bearing	1
103323	Washer	6
179884	Bolt	6
6772183	Fork, Shifter	1
6772187	Shaft, Shifter	1
179840	Bolt	12
6768267	Nameplate	1
142862	Screw	4

3. Kit P/N 6773334 - Replaces cast dropbox, P/N 6770930.

Contents of kit:

Part No.	Part Name	Quantity
6772169	Housing, Transfer Gear	1
6772190	Gasket, Rear Bearing Retainer	1
6772179	Retainer, Rear Bearing	1
103323	Washer	6
179884	Bolt	6
6772183	Fork, Shifter	1
6772187	Shaft, Shifter	1
179840	Bolt	12
6769994	Coupling	1
6769996	Screen, Oil	1
6757774	Retainer	1
6757767	Gasket	1
6769995	Cover	1
115308	Washer	1
181343	Bolt	1
6770169	Nipple	1
179857	Bolt	1
6768267	Nameplate	1
142862	Screw	4
6773338	Instruction Sheet No. 31	1

4. Kit P/N 6773335 - Replaces cast dropbox P/N 6768515.

Contents of kit:

Part No.	Part Name	Quantity
6772193	Housing, Transfer Gear	1
6772190	Gasket, Rear Bearing Retainer	1
6772179	Retainer, Rear Bearing	1
103323	Washer	6
179884	Bolt	6
6772184	Fork, Shifter	1
6772187	Shaft, Shifter	1
179840	Bolt	12
6769994	Coupling	1
6769996	Screen, Oil	1
6757774	Retainer	1

SUBJECT: RELEASE OF NEW WELDED TRANSFER GEAR HOUSINGS

EQUIPMENT AFFECTED: CRT-3531-1, CRT-3331-1, CRT-3321-1 AND CRT-3330 TRANSMISSIONS

Recently released models of CRT-3000 series transmissions incorporate a new welded transfer gear housing (dropbox) which has also been released for service on older models.

The new dropbox is somewhat different than the old dropbox, therefore it will be necessary to replace certain additional parts whenever a new type dropbox is installed on an older transmission. For convenience in ordering, the required parts have been grouped together in kits, with each kit containing all the parts needed for a specific transmission. As the kits become available, the superseded dropboxes will be completely cancelled from production and service, making it necessary to replace an old dropbox with a kit which contains a new dropbox plus the required additional parts.

The parts changes are as follows:

New Part No.	Old Part No.	Part Name	Quantity
6772169	6772281	Housing, Transfer Gear	1
6772169	6771637	Housing, Transfer Gear	1
6772169	6770930	Housing, Transfer Gear (6772169 replaces the old standard overdrive welded dropbox, and the standard overdrive cast dropbox and the interim front fill welded dropbox.)	1
6772193	6768515	Housing, Transfer Gear (6772193 replaces the old cast dropbox which had a top filler hole)	1

New Part No.	Old Part No.	Part Name	Quantity
6772189	6772086	Housing, Transfer Gear (6772189 replaces the old welded dropbox designed to provide clearance for accessory pump)	1
6772192	6759526	Housing, Transfer Gear (6772192 replaces the standard cast underdrive dropbox)	1
6773086	6759103	Housing, Transfer Gear (6773086 replaces the cast dropbox used on CRT-3330 transmissions.)	1
6772190	6757238	Gasket, Rear Bearing Retainer	1
6772179	6759481	Retainer, Rear Bearing	1
103323		Washer, 1/2" Lock	6
	103321	Washer, 3/8" Lock	8
179884		Bolt, Rear Bearing Retainer (1/2" - 13 x 1 3/8")	6
	179842	Bolt, Rear Bearing Retainer (3/8" - 16 x 1 3/8")	8
6772183	6757246	Fork, Shifter, Standard	1
6772184	6759874	Fork, Shifter, Heavy Duty	1
6772187	6757228	Shaft, Shifter	1
179840		Bolt, Rear Cover (3/8" - 16 x 1 1/8")	12
	179841	Bolt, Rear Cover (3/8" - 16 x 1 1/4")	12

The parts changes listed below apply in only those cases in which a cast dropbox is replaced by a new welded dropbox.

New Part No.	Old Part No.	Part Name	Quantity
	444678	Plug, Pipe 1"	1
	106644	Plug, Pipe 1 1/4"	1
6769994		Coupling, Oil Screen Center Stud	1
6769996	6757382	Screen, Oil	1
6757767	6750265	Gasket, Oil Screen	1
6757774		Retainer, Oil Screen	1
6769995		Cover, Oil Screen	1
115308		Washer, Oil Screen Cover Bolt	1
181343		Bolt, Oil Screen Cover	1
6770169	6757350	Nipple, Conv. Hsg. Drain Line	1
	103321	Washer, Oil Screen Bolt	6
	179838	Bolt, Oil Screen	6
	6757343	Gasket, Access Hole Cover	2

SUPPLEMENTAL PARTS INFORMATION
(SPI)

SPI 328
February 17, 1958

SUBJECT: Improved Anchor Lock Pin

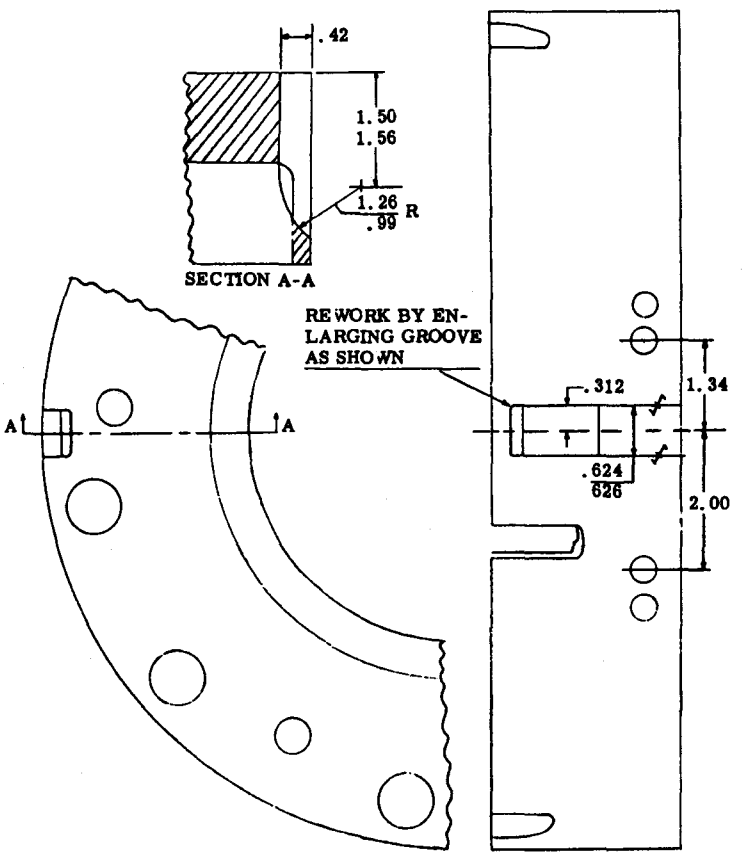
The anchor lock pins and anchor assemblies have been changed in the CRT 3331 transmission, effective with Serial No. 5719. The following table gives information necessary for ordering parts.

The parts changed are as follows:

New Part No.	Old Part No.	Name	Quantity Per Unit
6769558	6759490	Pin, Anchor Lock	2
6769560	6759516	Anchor Assy., Rev. and Low	2
6769557		Pin, Anchor Lock (For service use with anchor P/N 6759516 only.)	2

Spare Parts Information:

The new pin P/N 6769558 may be used with the new anchors P/N 6769559 only. The new anchor P/N 6769559 may be used for service on all units but requires the use of the new pin. The new service pin P/N 6769557 is for use with the old anchor P/N 6759503 only. All old anchors P/N 6759503, in spare parts stock, may be used for service in old units or may be reworked to accept the new pin P/N 6769558. (See attached sketch).



CLUTCH OIL PRESSURE GAGE, FIGURE 19

REF NO	NOMENCLATURE	PART NO	REQ
1	GAGE, CLUTCH OIL PRESSURE	6758021	1

OIL TEMPERATURE GAGE, FIGURE 19

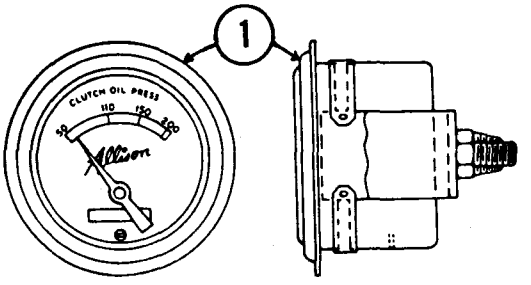
2	GAGE, OIL TEMPERATURE W/10 FOOT CAPILLARY	6756665	1
2	GAGE, OIL TEMPERATURE W/6 FOOT CAPILLARY	6756667	1
2	GAGE, OIL TEMPERATURE W/4 FOOT CAPILLARY	6759551	1

COUPLING, IMPLEMENT PUMP DRIVE, FIGURE 19

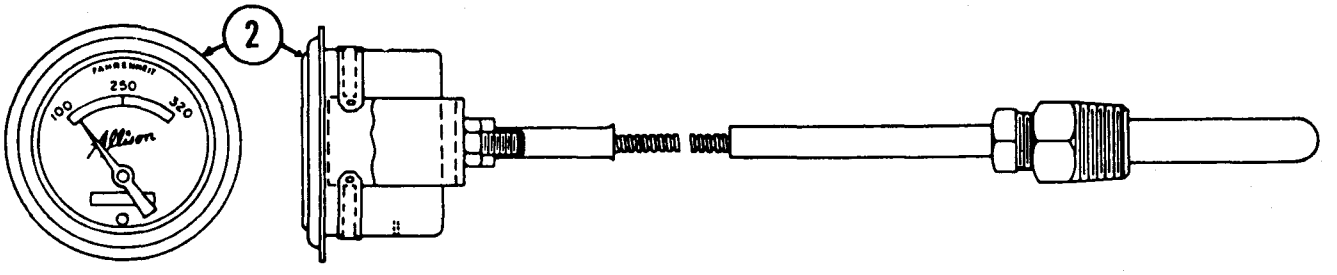
3	COUPLING, IMPLEMENT PUMP DRIVE	6771957	1

MISCELLANEOUS OPTIONS SECTION

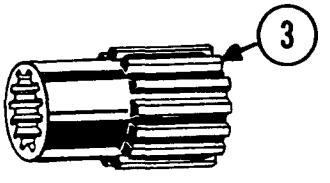
These parts are optional on all Torqmatic Transmissions listed in this catalog.



CLUTCH OIL PRESSURE GAGE



OIL TEMPERATURE GAGE



IMPLEMENT PUMP DRIVE COUPLING

FIG 19. CLUTCH OIL PRESSURE GAGE, OIL TEMPERATURE GAGE AND IMPLEMENT PUMP DRIVE COUPLING

GROUP A

REAR OUTPUT DISCONNECT CLUTCH, FIGURE 18

REF NO	NOMENCLATURE	PART NO	REQ
1	GASKET	6755674	2
2	HOUSING, REAR OUTPUT DISCONNECT	6755189	2
3	FORK, DISCONNECT	6756396	2
4	SEAL, DISCONNECT FORK SHAFT LIP TYPE OIL	7994981	2
5	SHAFT, DISCONNECT FORK	6755193	2
6	COUPLING, REAR OUTPUT DRIVE	6772942	2
7	WASHER, THRUST	6751631	2
8	COUPLING, REAR OUTPUT SHAFT	6751630	2
9	SPRING, REAR OUTPUT DISCONNECT DETENT, 12 COILS .4375 OD, .0585-.0595 WIRE DIA	5171417	2
10	BALL, DETENT	145657	4
11	SHAFT, REAR OUTPUT	6756388	2
12	BEARING, SINGLE ROW BALL ND 3313R1A	903313	2
13	GASKET, BEARING RETAINER	6755672	2
14	RETAINER, BEARING	6755190	2
15	SEAL, REAR OUTPUT FLANGE LIP TYPE OIL	6773311	1
16	BOLT, HX HD, 1/2-13 X 1 1/2	179885	12
17	WASHER, LOCK, 1/2	103323	12
18	BOLT, HX HD, UPPER OUTPUT DRIVE ONLY, 1/2-13 X 1 1/2	179885	6
19	WASHER, LOCK, 1/2	103323	12
20	BOLT, HX HD, LOWER OUTPUT DRIVE ONLY, 1/2-13 X 2 3/4	179892	6

REAR OUTPUT DISCONNECT CLUTCH SECTION

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
6772895	CRT 3331-1	A			

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

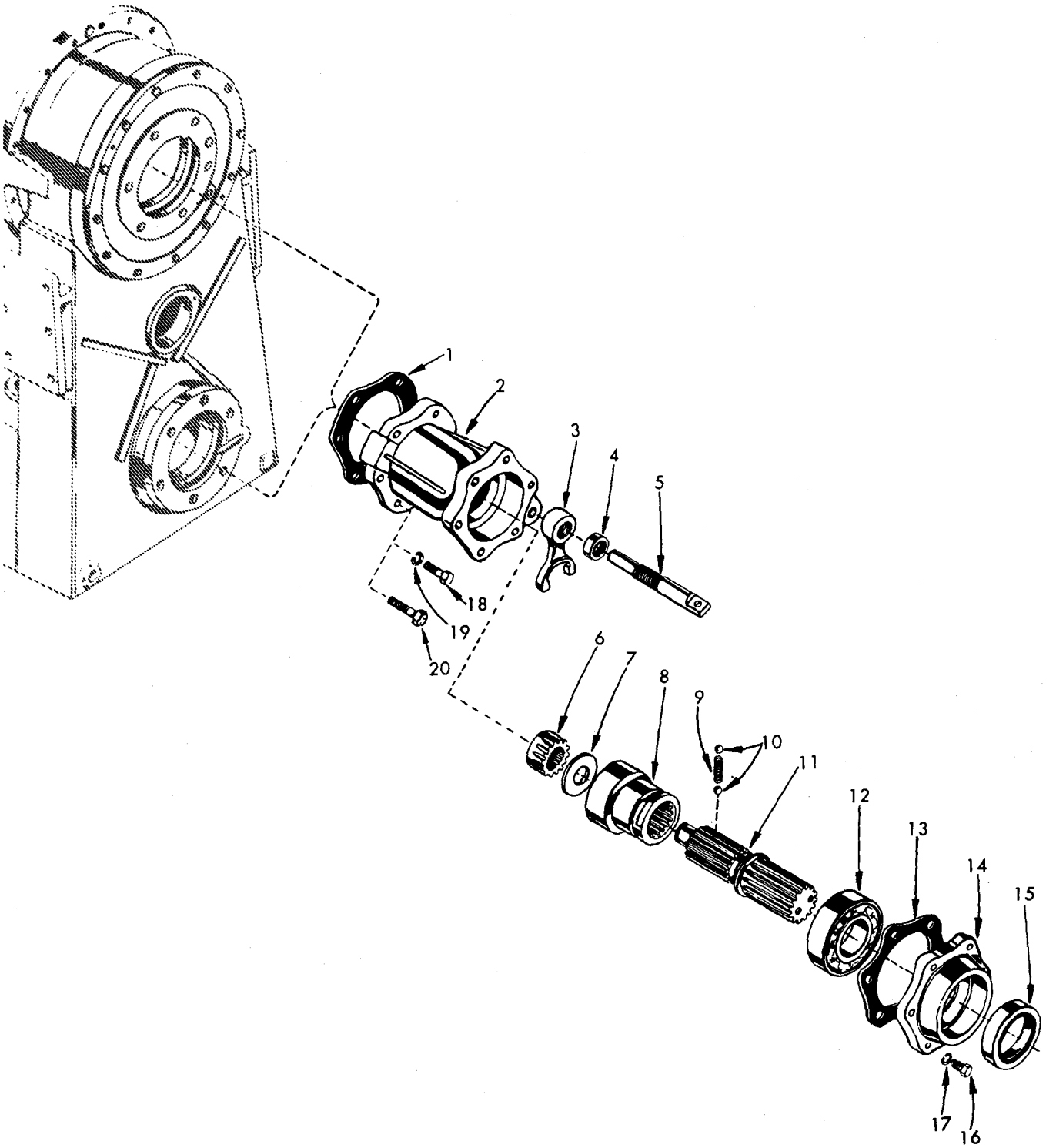


FIG 18. REAR OUTPUT DISCONNECT CLUTCH

GROUP A

GOVERNOR DRIVE, FIGURE 17

REF NO	NOMENCLATURE	PART NO		REQ
1	SHAFT ASSY, GOV DRV	6757287		1
2	PIN, SPRING, 1/8 X 7/8	455862		1
3	COUPLING, GOV DRV	6757314	*	1
4	BEARING, SINGLE ROW BALL ND 3202NR1214A	907411		1
5	RING, EXTERNAL SNAP	8894450		1
6	SPACER	6757283		1
7	SEAL, COUPLING LIP TYPE OIL	6752035		1
8	GASKET, ADAPTER	3224773		1
9	ADAPTER, GOV DRV	6752033		1
10	BOLT, HEX HD, 5/16-18 X 1 1/8	179819		4
11	WASHER, LOCK, 5/16	103320		4

GROUP B

SPEEDOMETER DRIVE, FIGURE 17-1

1	SHAFT ASSY, SPEEDOMETER DRIVE	6773683		1
2	PIN, DRIVE	9421034		1
3	SHAFT, SPEEDOMETER COUPLING	6773684	*	1
4	BEARING, SINGLE ROW BALL ND 3202NR1214A	907411		1
5	RING, EXTERNAL SNAP	8894450		1
6	SPACER	6757283		1
7	SEAL, SHAFT LIP TYPE OIL	6752035		1
8	GASKET, ADAPTER	3224773		1
9	ADAPTER, SPEEDOMETER DRIVE	6773686		1
10	WASHER, LOCK, 5/16	103320		4
11	BOLT, HX HD, 5/16-18 X 1 1/8	179819		4

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GOVERNOR AND SPEEDOMETER DRIVE SECTION

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
6759763	CRT 3331-1	A	6775209	CRT 3331-1	B
6759793	CRT 3331-1	A	6775212	CRT 3331-1	A
6759794	CRT 3331-1	A	6775214	CRT 3331-1	A
6759812	CRT 3331-1	A	6775389	CRT 3331-1	A
6769737	CRT 3331-1	A	6777294	CRT 3331-1	A
6770063	CRT 3331-1	A	6779048	CRT 3331-1	B
6772195	CRT 3331-1	A	6779172	CRT 3331-1	A
6772464	CRT 3331-1	A	6779234	CRT 3331-1	A
6772829	CRT 3331-1	A	6779769	CRT 3331-1	B
6774221	CRT 3331-1	B	6830699	CRT 3331-1	B
6774463	CRT 3331-1	A	6831358	CRT 3331-1	B
6774567	CRT 3331-1	A	6831801	CRT 3331-1	A
6775189	CRT 3331-1	A			

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

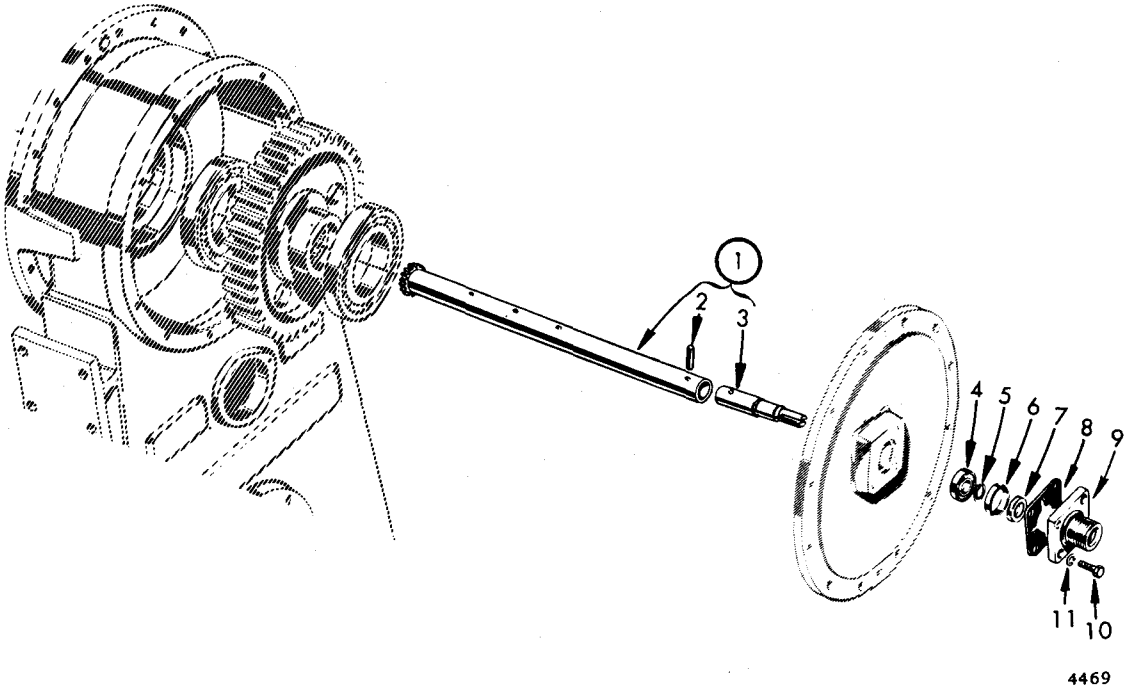


FIG 17. GOVERNOR DRIVE

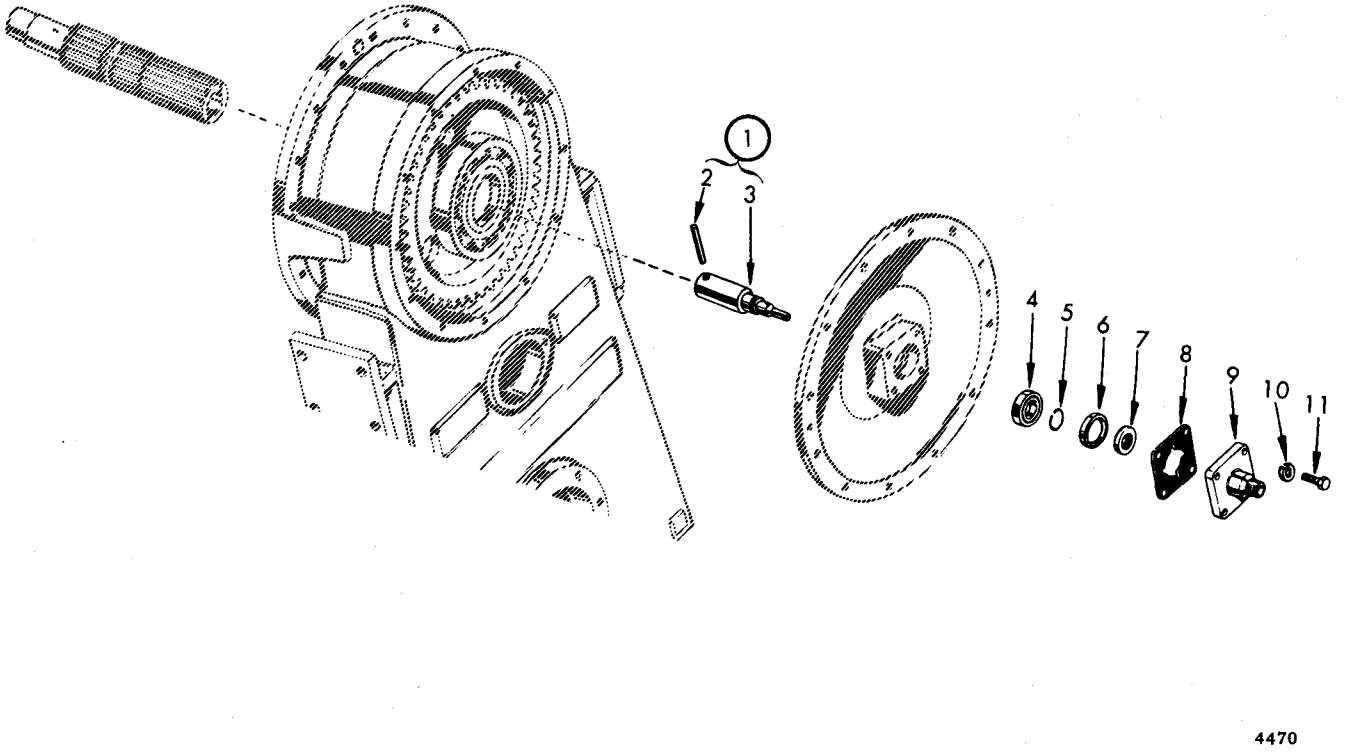


FIG 17-1. SPEEDOMETER DRIVE

GROUP A

PARKING BRAKE, FIGURE 16

REF NO	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, BRK SHOE RETURN	6758260	2
6	LEVER, OPERATING CAM	6758261	1
7	DRUM, BRK	6758259	1
8	BOLT, HEX HD, 3/8-24 X 3/4	9409131	8
9	BOLT, HEX HD, 5/8-11 X 1 1/4	271556	3
10	WASHER, LOCK, 5/8	103325	3

GROUP B

PARKING BRAKE, FIGURE 16

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

8	NOT USED IN THIS GROUP		

PARKING BRAKE SECTION

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
6778879	CRT 3331-1	A	6779502	CRT 3331-1	A
6778999	CRT 3331-1	B	6779677	CRT 3331-1	A
6779013	CRT 3331-1	A	6779765	CRT 3331-1	B
6779047	CRT 3331-1	A	6779891	CRT 3331-1	A
6779048	CRT 3331-1	A	6779964	CRT 3331-1	A
6779068	CRT 3331-1	A	6830554	CRT 3331-1	A
6779078	CRT 3331-1	A	6830591	CRT 3331-1	B
6779085	CRT 3331-1	A	6830699	CRT 3331-1	A
6779086	CRT 3331-1	A	6831016	CRT 3331-1	A
6779104	CRT 3331-1	A	6831297	CRT 3331-1	A
6779142	CRT 3331-1	A	6831298	CRT 3331-1	A
6779143	CRT 3331-1	A	6831535	CRT 3331-1	A
6779145	CRT 3331-1	A	6831801	CRT 3331-1	A
6779172	CRT 3331-1	A	6831904	CRT 3331-1	A
6779230	CRT 3331-1	A	6831986	CRT 3331-1	B
6779234	CRT 3331-1	A	6832033	CRT 3331-1	B
6779313	CRT 3331-1	B	6832045	CRT 3331-1	B
6779424	CRT 3331-1	A	6832434	CRT 3331-1	A
6779470	CRT 3331-1	A	6832614	CRT 3331-1	A

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

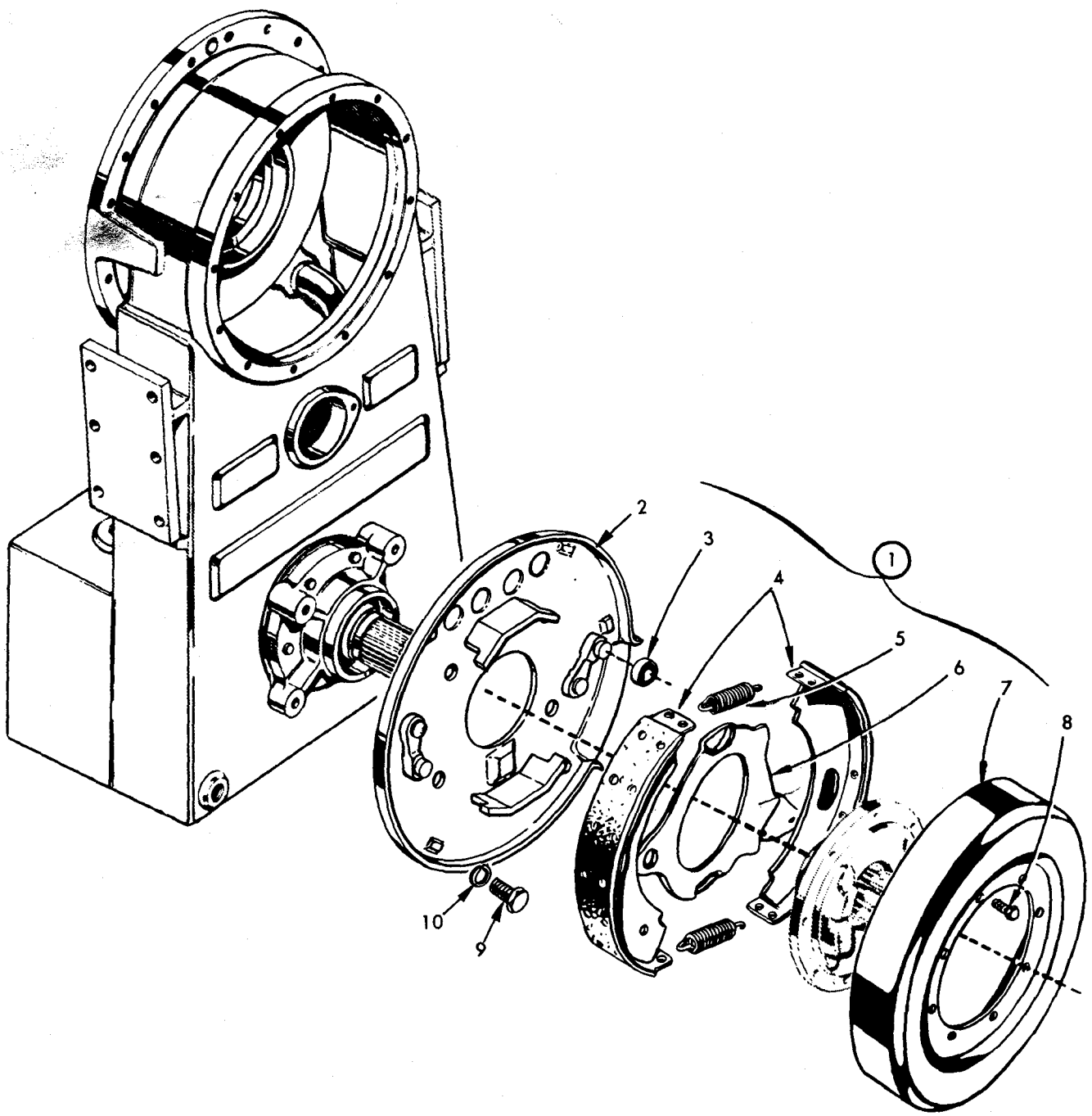


FIG 16. PARKING BRAKE

PARKING BRAKE SECTION

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
6759584	CRT 3331-1	A	6771241	CRT 3331-1	B
6759634	CRT 3331-1	A	6771278	CRT 3331-1	A
6759636	CRT 3331-1	A	6771319	CRT 3331-1	A
6759707	CRT 3331-1	A	6771412	CRT 3331-1	A
6759755	CRT 3331-1	A	6771414	CRT 3331-1	A
6759789	CRT 3331-1	A	6771415	CRT 3331-1	A
6759793	CRT 3331-1	A	6771416	CRT 3331-1	A
6759794	CRT 3331-1	A	6771417	CRT 3331-1	A
6759795	CRT 3331-1	A	6771444	CRT 3331-1	A
6759812	CRT 3331-1	A	6771740	CRT 3331-1	A
6759817	CRT 3331-1	A	6771744	CRT 3331-1	A
6759826	CRT 3331-1	A	6771803	CRT 3321-1	A
6759827	CRT 3331-1	A	6771808	CRT 3331-1	B
6759828	CRT 3331-1	A	6772026	CRT 3331-1	A
6759837	CRT 3331-1	A	6772087	CRT 3331-1	A
6759850	CRT 3331-1	A	6772105	CRT 3331-1	A
6759851	CRT 3331-1	A	6772144	CRT 3321-1	A
6759861	CRT 3331-1	A	6772196	CRT 3331-1	A
6759865	CRT 3331-1	A	6772277	CRT 3331-1	A
6769518	CRT 3331-1	A	6772280	CRT 3331-1	A
6769554	CRT 3331-1	A	6772464	CRT 3331-1	A
6769556	CRT 3331-1	A	6772496	CRT 3331-1	A
6769615	CRT 3331-1	A	6772497	CRT 3331-1	A
6769635	CRT 3331-1	A	6772498	CRT 3331-1	A
6769737	CRT 3331-1	A	6772499	CRT 3331-1	A
6769776	CRT 3331-1	A	6772500	CRT 3331-1	A
6769824	CRT 3331-1	A	6772501	CRT 3331-1	A
6769841	CRT 3331-1	A	6772502	CRT 3331-1	A
6769862	CRT 3331-1	A	6772504	CRT 3331-1	A
6769901	CRT 3331-1	A	6772505	CRT 3331-1	A
6769902	CRT 3331-1	A	6772506	CRT 3331-1	A
6769922	CRT 3331-1	A	6772507	CRT 3331-1	A
6769935	CRT 3331-1	A	6772731	CRT 3331-1	A
6769948	CRT 3331-1	A	6772825	CRT 3331-1	A
6770000	CRT 3331-1	B	6772826	CRT 3331-1	A
6770005	CRT 3331-1	A	6772827	CRT 3321-1	A
6770081	CRT 3331-1	A	6772828	CRT 3331-1	A
6770176	CRT 3331-1	A	6772891	CRT 3331-1	B
6770186	CRT 3331-1	A	6772892	CRT 3331-1	A
6770273	CRT 3331-1	A	6772893	CRT 3331-1	A
6770328	CRT 3331-1	A	6772913	CRT 3331-1	A
6770363	CRT 3331-1	A	6772914	CRT 3331-1	A
6770438	CRT 3331-1	A	6772915	CRT 3331-1	A
6770465	CRT 3331-1	A	6772916	CRT 3331-1	A
6770672	CRT 3331-1	A	6772917	CRT 3331-1	B
6770675	CRT 3331-1	A	6772929	CRT 3331-1	A
6770732	CRT 3331-1	B	6773161	CRT 3331-1	A
6770966	CRT 3331-1	A	6773339	CRT 3331-1	A
6771133	CRT 3331-1	A	6773369	CRT 3331-1	A
6771136	CRT 3331-1	A	6773371	CRT 3331-1	A

CONTINUED ON NEXT PAGE

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

ALLISON TORQMATIC TRANSMISSION SERIES 3321-1 AND 3331-1 PARTS CATALOG

PARKING BRAKE SECTION

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
6773419	CRT 3331-1	A	6775208	CRT 3331-1	A
6773533	CRT 3331-1	A	6775209	CRT 3331-1	A
6773534	CRT 3331-1	A	6775210	CRT 3331-1	A
6773579	CRT 3331-1	A	6775212	CRT 3331-1	A
6773580	CRT 3331-1	A	6775213	CRT 3331-1	A
6773635	CRT 3331-1	A	6775214	CRT 3331-1	A
6773752	CRT 3331-1	A	6775215	CRT 3331-1	A
6773798	CRT 3331-1	A	6775217	CRT 3321-1	A
6773809	CRT 3331-1	A	6775297	CRT 3331-1	A
6773810	CRT 3331-1	B	6775550	CRT 3331-1	A
6773838	CRT 3331-1	A	6776717	CRT 3331-1	B
6773883	CRT 3331-1	A	6776756	CRT 3331-1	A
6773900	CRT 3331-1	A	6776757	CRT 3331-1	A
6773975	CRT 3331-1	A	6776758	CRT 3331-1	A
6773976	CRT 3331-1	A	6776766	CRT 3331-1	A
6774124	CRT 3331-1	A	6776983	CRT 3331-1	B
6774145	CRT 3331-1	B	6776985	CRT 3331-1	A
6774158	CRT 3331-1	A	6777022	CRT 3331-1	B
6774159	CRT 3331-1	A	6777037	CRT 3331-1	A
6774221	CRT 3331-1	A	6777088	CRT 3331-1	A
6774332	CRT 3331-1	A	6777092	CRT 3331-1	A
6774463	CRT 3331-1	A	6777127	CRT 3331-1	A
6774484	CRT 3331-1	A	6777168	CRT 3331-1	A
6774496	CRT 3331-1	B	6777269	CRT 3331-1	A
6774567	CRT 3331-1	A	6777294	CRT 3331-1	A
6774568	CRT 3331-1	A	6777310	CRT 3331-1	A
6774792	CRT 3331-1	A	6777383	CRT 3331-1	A
6775179	CRT 3331-1	A	6777571	CRT 3331-1	B
6775180	CRT 3331-1	A	6777605	CRT 3331-1	A
6775181	CRT 3331-1	A	6777622	CRT 3331-1	A
6775182	CRT 3331-1	A	6777663	CRT 3331-1	A
6775184	CRT 3331-1	A	6777812	CRT 3331-1	A
6775185	CRT 3331-1	A	6777815	CRT 3331-1	A
6775186	CRT 3331-1	A	6777816	CRT 3331-1	A
6775187	CRT 3331-1	A	6777826	CRT 3331-1	A
6775189	CRT 3331-1	A	6777827	CRT 3331-1	A
6775190	CRT 3331-1	B	6777828	CRT 3331-1	B
6775191	CRT 3331-1	A	6777911	CRT 3331-1	A
6775194	CRT 3331-1	B	6777933	CRT 3331-1	A
6775196	CRT 3331-1	A	6777950	CRT 3331-1	A
6775197	CRT 3331-1	A	6777951	CRT 3331-1	A
6775198	CRT 3331-1	A	6777976	CRT 3331-1	A
6775199	CRT 3331-1	A	6778025	CRT 3331-1	A
6775200	CRT 3331-1	A	6778040	CRT 3331-1	A
6775201	CRT 3331-1	A	6778168	CRT 3331-1	A
6775202	CRT 3331-1	A	6778377	CRT 3331-1	A
6775203	CRT 3331-1	B	6778378	CRT 3331-1	A
6775204	CRT 3331-1	A	6778379	CRT 3331-1	A
6775205	CRT 3331-1	A	6778387	CRT 3331-1	A
6775206	CRT 3331-1	B	6778669	CRT 3331-1	A

CONTINUED ON NEXT PAGE

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

GROUP J

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
13	FORK, DISCONNECT SHIFTER PRIOR TO S/N 25518 . . USE 6757246. STARTING WITH S/N 25518 ORDER 6772183	6772183	1
14	SHAFT, SHIFTER FORK. PRIOR TO S/N 25518 USE . . . 6757228. STARTING WITH S/N 25518 ORDER P/N 6772187.	6772187	1

GROUP K

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

13-17	NOT USED IN THIS GROUP.		
18	CAP, SHIFTER FORK SHAFT HOLE	6774572	1
19	NOT USED IN THIS GROUP.		

GROUP L

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

9	SHAFT, FRONT OUTPUT	6830402	1

GROUP A

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

NOMENCLATURE	PART NO	REQ
SEAL, FRONT OUTPUT FLANGE LIP TYPE OIL	6773373	1
BOLT, HX HD, 3/8-16 X 1	179839	6
WASHER, LOCK, 3/8	103321	6
RETAINER, FRONT OUTPUT BEARING	6758149	1
GASKET, BEARING RETAINER	6757224	1
NOT USED IN THIS GROUP.		
BEARING, SINGLE ROW BALL ND 3311XR1A	903311	1
NOT USED IN THIS GROUP.		
SHAFT, FRONT OUTPUT	6757244	1
COUPLING, FRONT OUTPUT SHAFT	6757245	1
SPRING, FRONT OUTPUT DISCONNECT DETENT, 16 COILS, .350 OD, .062-.064 WIRE DIA	6757249	1
BALL, DETENT	145643	2
FORK, DISCONNECT SHIFTER	6772183	1
SHAFT, SHIFTER FORK	6772187	1
SEAL, SHIFTER FORK SHAFT LIP TYPE OIL	6703159	1
NOT USED IN THIS GROUP.		

GROUP B

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

NOT USED IN THIS GROUP.		
NOT USED IN THIS GROUP.		
CAP, SHIFTER FORK SHAFT HOLE	6774572	1
CAP, FRONT OUTPUT SHAFT HOLE	6759869	1
NOT USED IN THIS GROUP		

GROUP C

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

SEAL, FRONT OUTPUT FLANGE LIP TYPE OIL	6773311	1
BOLT, HX HD, 3/8-16 X 1 3/4	179845	6
RETAINER, FRONT BEARING	6759898	1
SPACER, FRONT BEARING	6759537	1
BEARING, SINGLE ROW BALL ND 3213XR1A	903213	1
SPACER, FRONT BEARING	6759871	1
NOT USED IN THIS GROUP.		
COUPLING, DISCONNECT	6759873	1
SPRING, FRONT OUTPUT DISCONNECT DETENT, 22 COILS, .350 OD, .062-.064 WIRE DIA	6769532	1
FORK, DISCONNECT SHIFTER	6772184	1
NOT USED IN THIS GROUP.		
SHAFT, FRONT OUTPUT HEAVY DUTY OUTPUT	6759897	1

GROUP D

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

NOT USED IN THIS GROUP.		
NOT USED IN THIS GROUP.		
CAP, SHIFTER FORK SHAFT HOLE	6774572	1

CONTINUED ON NEXT PAGE

GROUP D CONT

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
19-20	NOT USED IN THIS GROUP.		

GROUP E

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

13-14	NOT USED IN THIS GROUP.		
16	FORK, DISCONNECT SHIFTER	6757246	1
17	SHAFT, SHIFTER FORK	6757228	1
18-20	NOT USED IN THIS GROUP.		

GROUP F

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

9	SHAFT, FRONT OUTPUT SLIP FITTING FLANGE	6770045	1
13-14	NOT USED IN THIS GROUP.		
16	FORK, DISCONNECT SHIFTER	6757246	1
17	SHAFT, SHIFTER FORK	6757228	1
18-20	NOT USED IN THIS GROUP.		

GROUP G

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

9	NOT USED IN THIS GROUP.		
10	COUPLING, FRONT OUTPUT SHAFT	6769386	1
13-14	NOT USED IN THIS GROUP.		
16	FORK, DISCONNECT SHIFTER	6757246	1
17	SHAFT, SHIFTER FORK	6757228	1
18-19	NOT USED IN THIS GROUP.		
20	SHAFT, FRONT OUTPUT	6769385	1

GROUP H

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

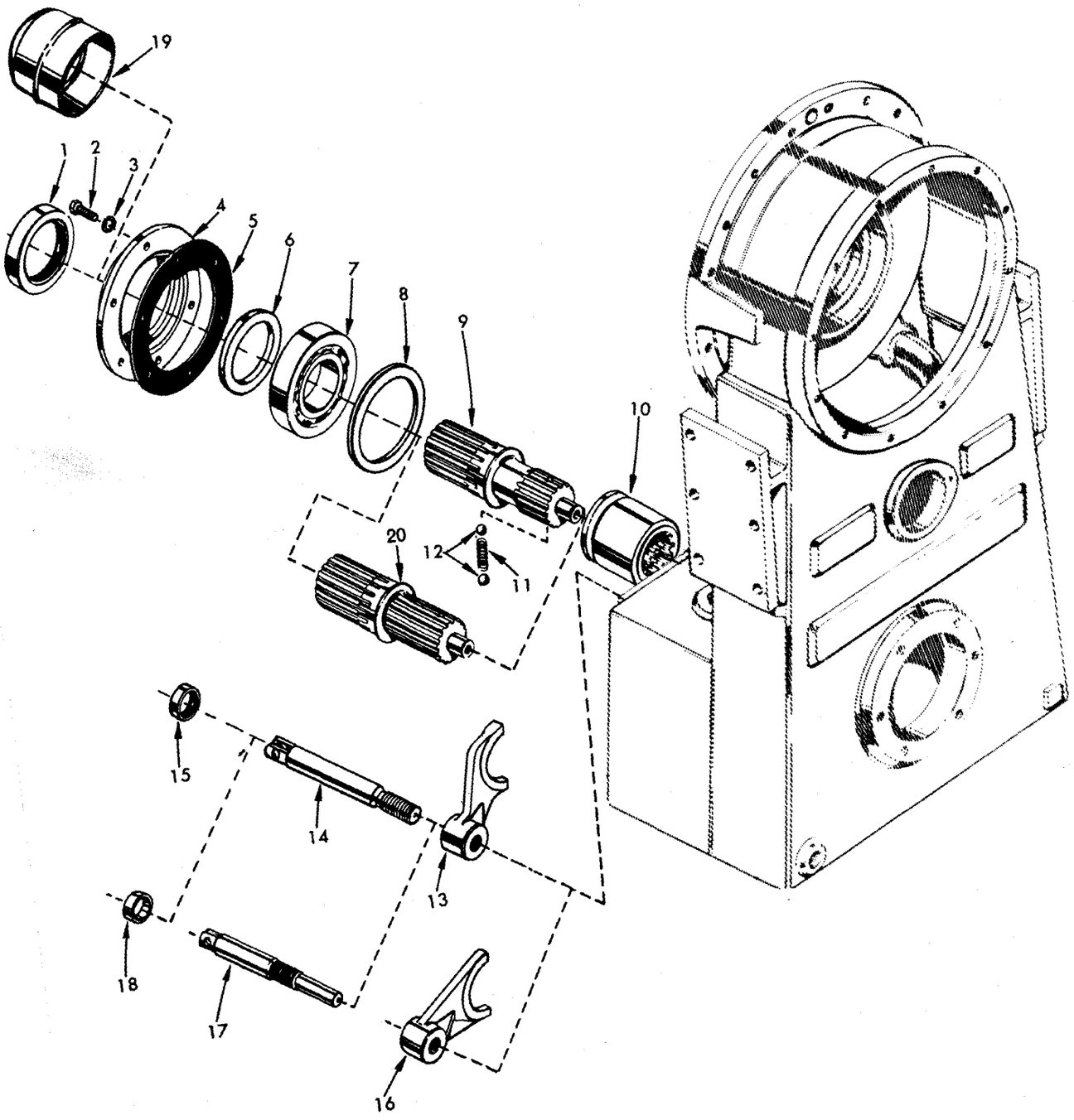
13-14	NOT USED IN THIS GROUP.		
16	FORK, DISCONNECT SHIFTER	6759874	1
17	SHAFT, SHIFTER FORK	6757228	1
18-19	NOT USED IN THIS GROUP.		

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH SECTION

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
6776758	CRT 3331-1	D	6779048	CRT 3331-1	A
6776766	CRT 3331-1	A	6779068	CRT 3331-1	A
6776983	CRT 3331-1	A	6779078	CRT 3331-1	B
6776985	CRT 3331-1	A	6779085	CRT 3331-1	A
6777022	CRT 3331-1	A	6779086	CRT 3331-1	A
6777037	CRT 3331-1	A	6779104	CRT 3331-1	A
6777088	CRT 3331-1	D	6779142	CRT 3331-1	D
6777092	CRT 3331-1	A	6779143	CRT 3331-1	B
6777127	CRT 3331-1	A	6779145	CRT 3331-1	D
6777168	CRT 3331-1	B	6779172	CRT 3331-1	A
6777269	CRT 3331-1	A	6779191	CRT 3331-1	A
6777294	CRT 3331-1	A	6779217	CRT 3331-1	A
6777310	CRT 3331-1	D	6779230	CRT 3331-1	C
6777383	CRT 3331-1	A	6779234	CRT 3331-1	A
6777419	CRT 3331-1	A	6779264	CRT 3331-1	C
6777571	CRT 3331-1	A	6779313	CRT 3331-1	C
6777605	CRT 3331-1	B	6779424	CRT 3331-1	B
6777622	CRT 3331-1	B	6779470	CRT 3331-1	B
6777663	CRT 3331-1	A	6779502	CRT 3331-1	A
6777812	CRT 3331-1	A	6779677	CRT 3331-1	A
6777815	CRT 3331-1	A	6779765	CRT 3331-1	A
6777816	CRT 3331-1	A	6779769	CRT 3331-1	A
6777826	CRT 3331-1	D	6779862	CRT 3331-1	D
6777827	CRT 3331-1	D	6779891	CRT 3331-1	D
6777828	CRT 3331-1	A	6779964	CRT 3331-1	B
6777911	CRT 3331-1	A	6830425	CRT 3331-1	A
6777933	CRT 3331-1	A	6830554	CRT 3331-1	A
6777949	CRT 3331-1	A	6830591	CRT 3331-1	A
6777950	CRT 3331-1	D	6830699	CRT 3331-1	D
6777951	CRT 3331-1	A	6831016	CRT 3331-1	B
6777976	CRT 3331-1	A	6831297	CRT 3331-1	A
6778025	CRT 3331-1	A	6831298	CRT 3331-1	A
6778040	CRT 3331-1	A	6831358	CRT 3331-1	D
6778168	CRT 3331-1	A	6831535	CRT 3331-1	A
6778169	CRT 3331-1	A	6831801	CRT 3331-1	L
6778377	CRT 3331-1	D	6831904	CRT 3331-1	C
6778378	CRT 3331-1	A	6831986	CRT 3331-1	A
6778379	CRT 3331-1	D	6832033	CRT 3331-1	A
6778387	CRT 3331-1	A	6832043	CRT 3331-1	D
6778669	CRT 3331-1	A	6832044	CRT 3331-1	C
6778879	CRT 3331-1	A	6832245	CRT 3331-1	A
6778999	CRT 3331-1	A	6832415	CRT 3331-1	A
6779013	CRT 3331-1	A	6832434	CRT 3331-1	A
6779047	CRT 3331-1	A	6832614	CRT 3331-1	C

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE



4456

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH SECTION

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
6759479	CRT 3331-1	E	6770063	CRT 3331-1	H
6759556	CRT 3331-1	E	6770081	CRT 3331-1	E
6759583	CRT 3331-1	E	6770176	CRT 3331-1	F
6759584	CRT 3331-1	E	6770186	CRT 3331-1	E
6759597	CRT 3331-1	E	6770273	CRT 3331-1	E
6759633	CRT 3331-1	E	6770328	CRT 3331-1	E
6759634	CRT 3331-1	E	6770363	CRT 3331-1	D
6759635	CRT 3331-1	D	6770438	CRT 3331-1	E
6759636	CRT 3331-1	E	6770465	CRT 3331-1	E
6759707	CRT 3331-1	E	6770672	CRT 3331-1	E
6759721	CRT 3331-1	E	6770675	CRT 3331-1	E
6759748	CRT 3331-1	E	6770732	CRT 3331-1	E
6759755	CRT 3331-1	D	6770966	CRT 3331-1	E
6759756	CRT 3331-1	E	6771133	CRT 3331-1	E
6759763	CRT 3331-1	F	6771136	CRT 3331-1	E
6759776	CRT 3331-1	E	6771241	CRT 3331-1	E
6759789	CRT 3331-1	E	** 6771278	CRT 3331-1	J
6759793	CRT 3331-1	D	***6771278	CRT 3331-1	A
6759794	CRT 3331-1	G	6771319	CRT 3331-1	E
6759795	CRT 3331-1	E	6771412	CRT 3331-1	E
6759812	CRT 3331-1	E	6771414	CRT 3331-1	E
6759817	CRT 3331-1	E	6771415	CRT 3331-1	E
6759826	CRT 3331-1	E	6771416	CRT 3331-1	E
6759827	CRT 3331-1	E	6771417	CRT 3331-1	E
6759828	CRT 3331-1	E	6771444	CRT 3331-1	E
6759837	CRT 3331-1	E	6771740	CRT 3331-1	E
6759850	CRT 3331-1	E	6771744	CRT 3331-1	D
6759851	CRT 3331-1	E	6771764	CRT 3331-1	E
6759858	CRT 3331-1	E	6771803	CRT 3321-1	B
6759861	CRT 3331-1	E	6771808	CRT 3331-1	E
6759865	CRT 3331-1	E	6772026	CRT 3331-1	A
6759866	CRT 3331-1	H	6772087	CRT 3331-1	E
6769518	CRT 3331-1	E	6772100	CRT 3331-1	E
6769554	CRT 3331-1	E	6772105	CRT 3331-1	B
6769556	CRT 3331-1	E	6772144	CRT 3321-1	B
6769615	CRT 3331-1	E	6772195	CRT 3331-1	E
6769635	CRT 3331-1	E	6772196	CRT 3331-1	B
6769737	CRT 3331-1	E	6772277	CRT 3331-1	E
6769824	CRT 3331-1	E	6772279	CRT 3331-1	E
6769841	CRT 3331-1	E	6772280	CRT 3331-1	B
6769862	CRT 3331-1	B	6772360	CRT 3331-1	C
6769867	CRT 3331-1	E	6772464	CRT 3331-1	E
6769901	CRT 3331-1	E	6772496	CRT 3331-1	E
6769902	CRT 3331-1	E	6772497	CRT 3331-1	A
6769922	CRT 3331-1	E	6772498	CRT 3331-1	A
6769935	CRT 3331-1	E	6772499	CRT 3331-1	A
6769948	CRT 3331-1	E	6772500	CRT 3331-1	A
** 6770000	CRT 3331-1	E	6772501	CRT 3331-1	A
***6770000	CRT 3331-1	A	6772502	CRT 3331-1	A
6770005	CRT 3331-1	E	6772503	CRT 3331-1	C

CONTINUED ON NEXT PAGE

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

** PRIOR TO S/N 25518

*** STARTING WITH 25518

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH SECTION

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
6772504	CRT 3331-1	E	6774496	CRT 3331-1	E
6772505	CRT 3331-1	A	6774567	CRT 3331-1	A
6772506	CRT 3331-1	A	6774568	CRT 3331-1	A
6772507	CRT 3331-1	A	6774743	CRT 3331-1	A
6772731	CRT 3331-1	E	6774792	CRT 3331-1	A
6772825	CRT 3331-1	A	6775179	CRT 3331-1	A
6772826	CRT 3331-1	A	6775180	CRT 3331-1	A
6772827	CRT 3321-1	B	6775181	CRT 3331-1	A
6772828	CRT 3331-1	B	6775182	CRT 3331-1	A
6772829	CRT 3331-1	A	6775183	CRT 3331-1	C
6772891	CRT 3331-1	D	6775184	CRT 3331-1	A
6772892	CRT 3331-1	A	6775185	CRT 3331-1	A
6772893	CRT 3331-1	B	6775186	CRT 3331-1	A
6772895	CRT 3331-1	A	6775187	CRT 3331-1	A
6772913	CRT 3331-1	A	6775188	CRT 3331-1	B
6772914	CRT 3331-1	D	6775189	CRT 3331-1	A
6772915	CRT 3331-1	A	6775190	CRT 3331-1	D
6772916	CRT 3331-1	D	6775191	CRT 3331-1	A
6772917	CRT 3331-1	A	6775194	CRT 3331-1	A
6772918	CRT 3331-1	A	6775195	CRT 3331-1	A
6772929	CRT 3331-1	A	6775196	CRT 3331-1	A
6773161	CRT 3331-1	A	6775197	CRT 3331-1	A
6773339	CRT 3331-1	A	6775198	CRT 3331-1	A
6773369	CRT 3331-1	A	6775199	CRT 3331-1	A
6773371	CRT 3331-1	D	6775200	CRT 3331-1	A
6773419	CRT 3331-1	A	6775201	CRT 3331-1	A
6773533	CRT 3331-1	A	6775202	CRT 3331-1	B
6773534	CRT 3331-1	E	6775203	CRT 3331-1	A
6773579	CRT 3331-1	A	6775204	CRT 3331-1	A
6773580	CRT 3331-1	A	6775205	CRT 3331-1	B
6773635	CRT 3331-1	A	6775206	CRT 3331-1	A
6773752	CRT 3331-1	A	6775207	CRT 3331-1	A
6773798	CRT 3331-1	B	6775208	CRT 3331-1	B
6773809	CRT 3331-1	A	6775209	CRT 3331-1	A
6773810	CRT 3331-1	A	6775210	CRT 3331-1	A
6773838	CRT 3331-1	A	6775211	CRT 3331-1	D
6773883	CRT 3331-1	A	6775212	CRT 3331-1	A
6773900	CRT 3331-1	A	6775213	CRT 3331-1	A
6773975	CRT 3331-1	A	6775214	CRT 3331-1	A
6773976	CRT 3331-1	B	6775215	CRT 3331-1	A
6774124	CRT 3331-1	B	6775216	CRT 3331-1	A
6774145	CRT 3331-1	A	6775217	CRT 3321-1	B
6774146	CRT 3331-1	A	6775297	CRT 3331-1	A
6774158	CRT 3331-1	B	6775389	CRT 3331-1	C
6774159	CRT 3331-1	A	6775550	CRT 3331-1	D
6774221	CRT 3331-1	A	6775701	CRT 3331-1	A
6774319	CRT 3331-1	D	6776655	CRT 3331-1	K
6774332	CRT 3331-1	A	6776717	CRT 3331-1	A
6774463	CRT 3331-1	L	6776756	CRT 3331-1	A
6774484	CRT 3331-1	A	6776757	CRT 3331-1	A

CONTINUED ON NEXT PAGE

* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

GROUP A

PRESSURE REGULATOR VALVE, FIGURE 14

REF NO	NOMENCLATURE	PART NO	REQ
1	GASKET, PRESSURE REGULATOR VALVE BODY	6757205	1
2	WASHER, LOCK, 3/8	103321	5
3	BOLT, HX HD, 3/8-16 X 1 1/4	179841	5
4	BODY ASSY, PRESR REGLTR VALVE	6772431	1
5	PLUG, HX HD, STRAIGHT THREAD, 1 1/4-12	6756622	1
6	GASKET, PLUG	142756	1
7	VALVE, MAIN PRESR REGLTR PRIOR TO S/N 21439 FOR ASSY 6771414, 6771415, 6771416 AND 6771417 AND S/N 21804 FOR ALL OTHER ASSYS USE 6771289. STARTING WITH S/N 21439 FOR ASSY 6771414, 6771415, 6771416 AND 6771417 AND S/N 21804 FOR ALL OTHER ASSYS USE 6772429	6772429	1
8	SHIM, PRESSURE ADJUSTING	6770423	AR
9	SPRING, PRESR REGLTR, 22 COILS, .875 OD, ...160-.162 WIRE DIA TWO COILS PAINTED BLUE	6771288	1
10	BODY, PRESR REGLTR VALVE PRIOR TO S/N 21439 FOR ASSY 6771414, 6771415, 6771416 AND 6771417 AND S/N 21804 FOR ALL OTHER ASSYS USE 6759472. STARTING WITH S/N 21439 FOR ASSY 6771414, 6771415, 6771416 AND 6771417 AND S/N 21804 FOR ALL OTHER ASSYS USE 6772427	6772427	1
11	PIN, RELIEF VALVE GUIDE	6772428	1
12	VALVE, PRESSURE RELIEF	6756164	1
13	SPRING, PRESSURE RELIEF VALVE, 12 COILS, ...500 ID, .100-.104 WIRE DIA	6772453	1
14	TUBE, SPRING GUIDE	6772452	1
15	GASKET, PLUG	142756	1
16	PLUG, HX HD, STRAIGHT THREAD, 1 1/4-12	6756622	1

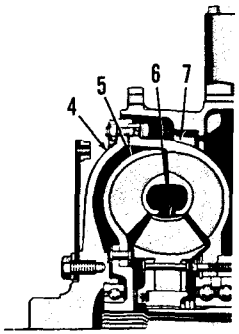
GROUP B

PRESSURE REGULATOR VALVE, FIGURE 14

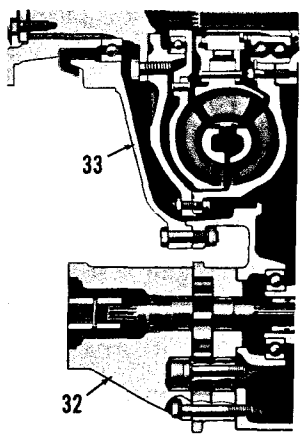
SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

4	BODY ASSY, PRESSURE REGULATOR VALVE	6772433	1
7	VALVE, MAIN PRESSURE REGULATOR PRIOR TO . . S/N 21932 USE 6771289. STARTING WITH S/N 21932 USE 6772429	6772429	1
9	SPRING, PRESR REGLTR VALVE, 22 COILS, ...875 OD, .1605-.1635 WIRE DIA TWO COILS COATED YELLOW	6771307	1

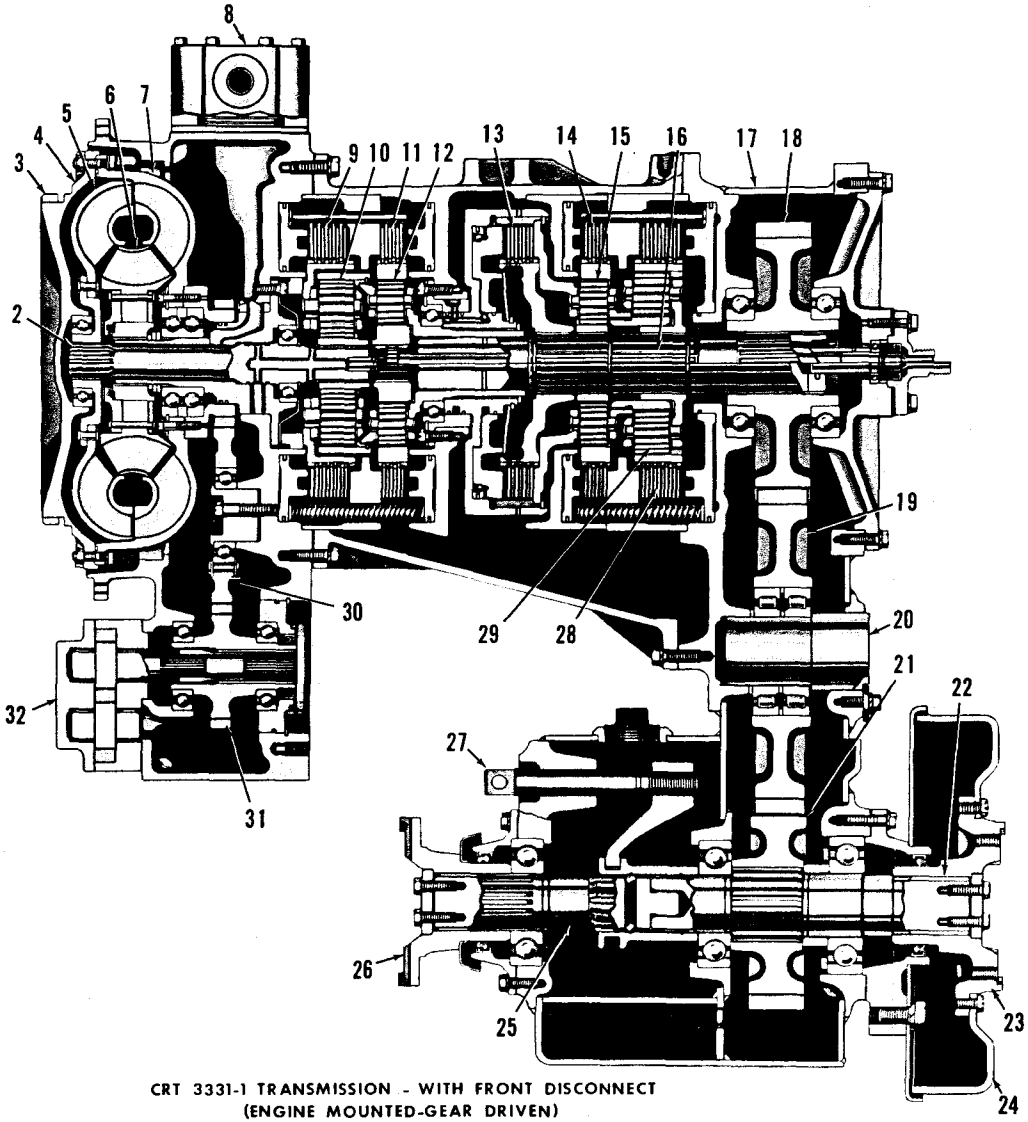
1 - Input drive flange (remote-mount)
2 - Converter shaft
3 - Input drive teeth
4 - Converter pump cover
5 - Converter turbine
6 - Converter stator
7 - Converter pump
8 - Oil cooler
9 - Reverse-range clutch
10 - Reverse-range planetary
11 - Forward-range clutch
12 - Forward-range planetary
13 - Intermediate-range clutch
14 - High-range clutch
15 - High-range planetary
16 - Transmission main shaft
17 - Output transfer housing
18 - Output transfer drive gear
19 - Transfer idler gear
20 - Transfer idler gear spindle
21 - Transfer driven gear
22 - Rear output shaft
23 - Rear output drive flange
24 - Parking brake
25 - Front output shaft
26 - Front output drive flange
27 - Front output disconnect
28 - Low-range clutch
29 - Low-range planetary
30 - Accessory drive idler gear
31 - Oil and implement pump drive gear
32 - Input-driven oil pump
33 - Transmission front cover
34 - Front and rear output shaft



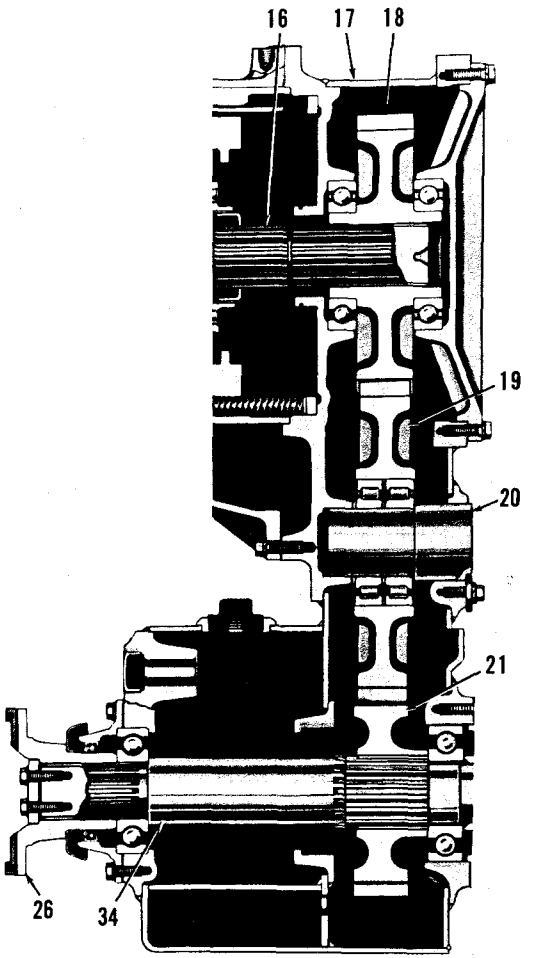
(ENGINE MOUNTED - FLEX DISK DRIVEN)



(REMOTE MOUNTED - FLANGE DRIVEN)



CRT 3331-1 TRANSMISSION - WITH FRONT DISCONNECT
(ENGINE MOUNTED-GEAR DRIVEN)



CRT3321-1 TRANSMISSION TRANSFER GEARS WITHOUT DISCONNECT

SERIES CRT 3321-1 AND 3331-1 CROSS SECTION

PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
445684	13-1	14		6700213	10	48	
445684	13-1	14		6703159	13	15	
451006	2	10		6703159	13	23	
451006	2-1	4		6703159	13-1	12	
451006	2-2	5		6703159	15	15	
453675			R 139795	6703162	13-1	9	
453675	13-1	11		6750046	4	24	
453675	13-1	11		6750231			RB 6773311
453676	6-1	2		6750259	10	7	
454914			RB 186628	6750265	11	47	
455862	17	2		6750337	10	6	
499204	13-1	29		6750558	13	27	
901210			R 903210	6750558	13-1	17	
901210	5	13		6750558	13-1	43	
903010	2	11		6750912	13-1	26	
903010	2-1	6		6750924	12	6	
903010	2-2	7		6750924	12-1	6	
903202			R 954498	6750945	13-1	8	
903202			RB 907411	6751630	18	8	
903207	4	23		6751631	18	7	
903208	2	11		6751632	9	10	
903208	2-1	6		6751632	12	22	
903208	2-2	7		6751633	9	11	
903209			R 6758621	6751633	12	23	
903209	4	33		6751634	9	9	
903210			RB 901210	6751634	12	21	
903211	2	5		6752033	17	9	
903213	12	8		6752035	17	7	
903213	15	7		6752035	17-1	7	
903216	12	1		6753487	4	37	
903216	12-1	1		6753544			RB 6774188
903311	12	8		6753866	5	1	
903311	15	7		6753938			RB 6773373
903312	12	14		6754299	5	6	
903312	12-1	9		6754314	5	4	
903313	18	12		6754707			RB 6772661
907411			R 903202	6754783	9	8	
907411	17	4		6754783	12	20	
907411	17-1	4		6754815			RB 6759483
907833			R 9419967	6754815	10	8	
907833			RB 907843	6754815	10	11	
907834			R 9417910	6754815	10	50	
907834			RB 907851	6754832	10	10	
907843			R 907833	6754852	7	27	
907843	3-1	12		6754852	10	19	
907851			R 907834	6754866			RB 6770955
907851	3	13		6754866	7	24	
954498			RB 903202	6754866	10	16	
954727	9	2		6754866	10	40	
954924	7	36		6754867	7	26	
3224773	17	8		6754867	10	18	
3224773	17-1	8		6754882			RB 6772068
5150829	6-1	25		6754888	4	25	
5171417	18	9		6754994	3	5	
5178994	11	32		6754999			RB 6771296
5192276			RB 6772115	6755007	7	29	
5576443			R 6757767	6755189	18	2	
5576443	11	5		6755190	18	14	
6700213			R 6757226	6755193	18	5	
6700213	7	12		6755269	1	2	

R - REPLACES RB - REPLACED BY

PART NO	FIG NO	REF NO	HISTORY	
6755378	4	7		
6755403	4	3		
6755464			RB	6768902
6755488	5	8		
6755670	1	28		
6755672	18	13		
6755674	18	1		
6755838			RB	6769091
6755892	3	7		
6755896	3	10		
6755897	3	8		
6755897	3-1	7		
6755988	3	17		
6755988	3-1	14		
6756002	6	17		
6756002	6-1	21		
6756030	4	22		
6756072			RB	6774695
6756164	14	12		
6756348			RB	6774572
6756388	18	11		
6756396	18	3		
6756544			R	6757754
6756544			RB	6773842
6756586	7	10		
6756622	14	5		
6756622	14	16		
6756665	19	2		
6756667	19	2		
6756835	12	10		
6756835	12	18		
6757148	7	37		
6757149	7	14		
6757152	7	13		
6757153	6	5		
6757155			RB	6770953
6757155	10	39		
6757157	7	35		
6757159	4	26		
6757160			RB	6768444
6757161			RB	6768445
6757162	6	14		
6757162	6-1	11		
6757163	6	10		
6757164	7	21		
6757165	6	4		
6757168			RB	6769584
6757172	12	15		
6757173	12	16		
6757174			RB	6759537
6757175			RB	6769529
6757178	8	1		
6757183			RB	6768446
6757184	1	3		
6757188			RB	6772725
6757189	7	8		
6757190			RB	6768453
6757193			RB	6776769
6757194	6	6		
6757195			RB	6776770
6757197			RB	6771337
6757205	14	1		
6757217	11	18		
6757218	11	17		
6757219	8	6		
6757220	3	16		
6757224	15	5		
6757226			RB	6700213
6757226	10	41		
6757227	7	28		
6757228			RB	6772187
6757228	15	17		
6757229	10	1		
6757229	11	9		
6757230	2	7		
6757230	3	12		
6757233	7	20		
6757235			RB	6773806
6757238	11	39		
6757243	1	2		
6757244			RB	6830402
6757244	15	9		
6757245	15	10		
6757246	15	16		
6757249			RB	6769532
6757249	15	11		
6757251	13-1	22		
6757254	2	3		
6757256	2	8		
6757258			RB	6769642
6757260	13-1	27		
6757261			RB	6769641
6757262	13-1	33		
6757263	13-1	31		
6757264	13-1	13		
6757267			RB	6769733
6757268			RB	6770092
6757283	17	6		
6757283	17-1	6		
6757284	10	42		
6757287	17	1		
6757290			RB	6771854
6757291	11	21		
6757297			RB	6758194
6757298			RB	6758192
6757307			RB	6768385
6757313	3	16		
6757314	17	3		
6757324	6	9		
6757327			RB	6771288
6757343			RB	6759547
6757346	11	38		
6757346	11	43		
6757347	11	46		
6757352	11	11		
6757357	16	1		
6757374			RB	9411628
6757382	11	48		
6757429			RB	6770548
6757463			RB	6771273

R - REPLACES RB - REPLACED BY

PART NO	FIG NO	REF NO	HISTORY		PART NO	FIG NO	REF NO	HISTORY	
6757633	1	10			6759484			RB	6770873
6757712			R	6769071	6759485	10	52		
6757712			RB	6772408	6759486			RB	6769668
6757713			RB	6769453	6759490			RB	6769558
6757754			RB	6756544	6759491	10	5		
6757767			RB	5576443	6759492			RB	6769586
6757774	11	4			6759493			RB	6777016
6757779			RB	6773206	6759493	10	38		
6757788			RB	6774344	6759494	10	36		
6757854			RB	6775127	6759498			RB	6769643
6757993			RB	6777404	6759499	13-1	1		
6758021	19	1			6759504	7	5		
6758030	2	4			6759504	7	19		
6758042	4	1			6759504	10	27		
6758148	1	4			6759504	10	34		
6758149	15	4			6759507			RB	6830404
6758151			RB	6769178	6759507	12	11		
6758153	1	6			6759508			RB	6777015
6758185	1	7			6759508	10	37		
6758185	1	19			6759509	10	13		
6758192			R	6757298	6759513	8	5		
6758192	6	13			6759515			RB	6768805
6758192	6-1	15			6759516			RB	6769560
6758194			R	6757297	6759517	11	23		
6758194	6	11			6759519	10	14		
6758194	6-1	13			6759526			RB	6773336
6758216	4	8			6759527			RB	6770930
6758235	4	16			6759537			R	6757174
6758236	4	12			6759537			RB	6777391
6758237	4	17			6759537	15	6		
6758238	11	37			6759539	11	22		
6758259	16	7			6759540			RB	6830403
6758260	16	5			6759540	12	9		
6758261	16	6			6759541	4	29		
6758262	16	4			6759543			RB	6772431
6758274			RB	6772407	6759544	13-1	5		
6758284			RB	6768903	6759547			R	6757343
6758304	13-1	20			6759547	4	11		
6758305			RB	6771914	6759551	19	2		
6758305	13-1	42			6759554			RB	6769910
6758306	13	30			6759869	11	31		
6758306	13-1	15			6759869	15	19		
6758373	12	2			6759870	12	9		
6758373	12-1	2			6759871	12	7		
6758374	12	12			6759871	15	8		
6758374	12-1	8			6759873	15	10		
6758391	9	7			6759874	15	16		
6758621			RB	903209	6759875	12	11		
6758621	4	35			6759876	12	15		
6759024			RB	6771855	6759878	12	16		
6759025	1	4			6759897	15	20		
6759469	10	15			6759898	15	4		
6759470	10	21			6759967	3-1	8		
6759471			RB	6777453	6763299	4	20		
6759472			RB	6772427	6764333	6-1	23		
6759473	10	23			6764780	4	31		
6759480	5	16			6768245			RB	6769681
6759481	11	40			6768267	11	15		
6759483			R	6754815	6768270	12	13		
6759483	10	54			6768271	3	15		

R - REPLACES RB - REPLACED BY

PART NO	FIG NO	REF NO	HISTORY		PART NO	FIG NO	REF NO	HISTORY	
6768272	3	14			6769529	4	19		
6768283	10	4			6769532			R	6757249
6768324	1	3			6769532	15	11		
6768385			R	6757307	6769558			R	6759490
6768385			RB	6771913	6769558	8	9		
6768444			R	6757160	6769558	8	12		
6768444			RB	6768804	6769560			R	6759516
6768445 - 6777452			R	6757161	6769560	7	17		
6768445			RB	6777452	6769560	10	30		
6768446			R	6757183	6769584			R	6757168
6768446	7	6			6769584	5	10		
6768446	7	18			6769585			R	6769586
6768446	10	12			6769585	4	32		
6768446	10	28			6769586			R	6759492
6768446	10	33			6769586			RB	6769585
6768450	7	4			6769586	4	36		
6768451			RB	6768806	6769590	4	30		
6768453			R	6757190	6769641			R	6757261
6768453			RB	6768808	6769641	13-1	23		
6768515			RB	6773335	6769642			R	6757258
6768523			R	105462	6769642	13-1	28		
6768523	13-1	7			6769643			R	6759498
6768725	13-1	5			6769643	13-1	35		
6768727	3	2			6769643	13-1	36		
6768728			RB	6769645	6769645			R	6768728
6768804			R	6768444	6769645	13-1	37		
6768804			RB	6830429	6769668			R	6759486
6768805			R	6759515	6769668			RB	6772568
6768805	10	35			6769677			RB	6772567
6768806			R	6768451	6769681			R	6768245
6768806			RB	6773609	6769681	5	3		
6768808			R	6768453	6769681	5	3		
6768808			RB	6773610	6769715	7	25		
6768902			R	6755464	6769715	10	17		
6768902	3	6			6769716	7	11		
6768903			R	6758284	6769717			RB	6771478
6768903	3	2			6769717	10	43		
6768988	7	15			6769733			R	6757267
6768988	10	32			6769733			RB	6776764
6769071			RB	6757712	6769817	1	13		
6769091			R	6755838	6769818	2-1	3		
6769091			RB	6769856	6769843			R	6769225
6769178			R	6758151	6769843	1	8		
6769178	1	12			6769851	4	34		
6769178	1	18			6769856			R	6769091
6769197	1	20			6769856	3	9		
6769225			RB	6769843	6769876			RB	6775414
6769226	1	9			6769910			R	6759554
6769385	15	20			6769910	4	2		
6769386	15	10			6769936			R	6769936
6769402	13	19			6769936			RB	6769936
6769402	13	21			6769936	8	2		
6769402	13-1	25			6769962			RB	6771637
6769402	13-1	34			6769994	11	7		
6769402	13-1	39			6769995	11	3		
6769426	13-1	24			6769996	11	6		
6769440	13-1	38			6769998	13-1	5		
6769453			R	6757713	6769999	13-1	35		
6769453	3	1			6769999	13-1	36		
6769529			R	6757175	6770038	1	17		

R - REPLACES RB - REPLACED BY

PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6770044	12	11		6771737	10	14	
6770045	15	9		6771738	6-1	24	
6770046	12	9		6771807	9	3	
6770092			R 6757268	6771854			R 6757290
6770092			RB 6772723	6771854	1	4	
6770099	1	21		6771855			R 6759024
6770169	11	13		6771855	1	4	
6770171	1	5		6771913			R 6768385
6770172	1	8		6771913	13	28	
6770298	13	34		6771913	13-1	16	
6770423	14	8		6771914			R 6758305
6770548			R 6757429	6771914	13	26	
6770548			RB 6771289	6771914	13-1	18	
6770873			R 6759484	6771957	19	3	
6770873			RB 6777561	6771961	6-1	22	
6770881	3-1	11		6772041			RB 6773644
6770882	3-1	10		6772042			RB 6773645
6770888	3-1	15		6772043	13	32	
6770890	7	23		6772044			RB 6772052
6770897	7	22		6772045	13	38	
6770898	3-1	16		6772046	13	36	
6770930			R 6759527	6772047			RB 6773631
6770930			RB 6773334	6772047			RB 6773641
6770953			R 6757155	6772049	13	33	
6770953	10	46		6772050	13	40	
6770955			R 6754866	6772051	13	39	
6770955	10	47		6772052			R 6772044
6771148	1	14		6772052	13	37	
6771190	6-1	7		6772053	13	14	
6771197	6-1	10		6772054	13	11	
6771198			RB 6830538	6772055	13	35	
6771199	6-1	12		6772056	13	22	
6771202	6-1	3		6772057	13	3	
6771203	6-1	1		6772059	13	18	
6771207	6-1	5		6772063	13	31	
6771209			RB 6830537	6772066	13	8	
6771273			R 6757463	6772067	13	16	
6771273	5	2		6772068			R 6754882
6771273	5	2		6772068			RB 6775437
6771288			R 6757327	6772069	13	20	
6771288	14	9		6772078	13	25	
6771289			R 6770548	6772078	13-1	41	
6771289			RB 6772429	6772086			RB 6773333
6771296			R 6754999	6772115			R 5192276
6771296	3	3		6772115	13-1	6	
6771307	14	9		6772140	1	11	
6771309			RB 6772433	6772141	1	11	
6771323			RB 6774497	6772169	11	14	
6771337			R 6757197	6772179	11	27	
6771337	10	2		6772183	15	13	
6771378	13-1	45		6772184	15	13	
6771398	13-1	5		6772187			R 6757228
6771478			R 6769717	6772187	15	14	
6771478	10	49		6772187	15	14	
6771637			R 6769962	6772190	11	26	
6771637			RB 6773332	6772192	11	14	
6771637			RB 6773797	6772193	11	14	
6771675	16	2		6772407			R 6758274
6771730	10	20		6772407			RB 6830463
6771731	10	53		6772407	2	9	

R - REPLACES RB - REPLACED BY

PART NO	FIG NO	REF NO	HISTORY
6772408			R 6757712
6772408			RB 6830464
6772408	2-1	5	
6772427			R 6759472
6772427	14	10	
6772428	14	11	
6772429			R 6771289
6772429	14	7	
6772429	14	7	
6772431			R 6759543
6772431	14	4	
6772433			R 6771309
6772433	14	4	
6772452	14	14	
6772453	14	13	
6772567			R 6769677
6772567			RB 6773858
6772568			R 6769668
6772568			RB 6772649
6772649			R 6772568
6772649			RB 6773857
6772661			R 6754707
6772661	4	6	
6772723			R 6770092
6772723			RB 6776589
6772724	9	1	
6772725			R 6757188
6772725	9	4	
6772940	11	52	
6772942	18	6	
6772943	9	6	
6772944	12	19	
6772945	11	55	
6772952	11	53	
6772955	11	54	
6772961	9	5	
6772962	12	17	
6773206			R 6757779
6773206			RB 6774343
6773311			R 6750231
6773311	15	1	
6773311	18	15	
6773332			R 6771637
6773332	11	14	
6773333			R 6772086
6773333	11	14	
6773334			R 6770930
6773334	11	14	
6773335			R 6768515
6773335	11	14	
6773336			R 6759526
6773336	11	14	
6773336	11	14	
6773373			R 6753938
6773373	2	1	
6773373	11	30	
6773373	15	1	
6773609			R 6768806
6773609	7	9	
6773610			R 6768808
6773610	7	7	
6773631			R 6772047
6773631	13	10	
6773641			R 6772047
6773641	13	13	
6773644			R 6772041
6773644	13	6	
6773645			R 6772042
6773645	13	6	
6773646	13-1	6	
6773683	17-1	1	
6773684	17-1	3	
6773686	17-1	9	
6773797			R 6771637
6773797	11	14	
6773797	11	14	
6773806			R 6757235
6773806	10	22	
6773842			R 6756544
6773842	5	12	
6773857			R 6772649
6773857	5	11	
6773858			R 6772567
6773858	5	14	
6773859			RB 6777880
6774007			RB 6777448
6774008			R 6774107
6774008	2-2	6	
6774012	2-2	2	
6774107			RB 6774008
6774188			R 6753544
6774188	4	5	
6774220	9	12	
6774343			R 6773206
6774343			RB 6776995
6774344			R 6757788
6774344			RB 6776998
6774346			RB 6776745
6774497			R 6771323
6774497	4	4	
6774572			R 6756348
6774572	13-1	30	
6774572	15	18	
6774608	3-1	13	
6774611	4	19	
6774612	3-1	13	
6774622	3-1	1	
6774695			R 6756072
6774695	6	18	
6774740	1	29	
6774847	3-1	6	
6774962	3-1	2	
6774966	3-1	5	
6774968	3-1	4	
6775081	13	37	
6775082	13	18	
6775083	13	22	
6775085	13	6	
6775086	13	20	
6775087	13	16	

R - REPLACES RB - REPLACED BY

PART NO	FIG NO	REF NO	HISTORY		PART NO	FIG NO	REF NO	HISTORY	
6775127			R	6757854	6777649	3	14		
6775127			RB	6776996	6777650	5	14		
6775414			R	6769876	6777652	5	10		
6775414	2-1	1			6777880			R	6773859
6775437			R	6772068	6777880	5	15		
6775437	7	16			6778059	5	11		
6775437	10	31			6778060	6-1	4		
6775938			RB	6830474	6778061	6-1	6		
6775960			RB	6779329	6778062	6-1	7		
6775964			RB	6777408	6778240	12	12		
6776589			R	6772723	6779099	3-1	1		
6776589	9	1			6779249	12-1	7		
6776745			R	6774346	6779329			R	6775960
6776745			RB	6776995	6779329	1	24		
6776750			RB	6776998	6779330			R	6777410
6776764			R	6769733	6779330	1	27		
6776764	4	21			6779331			R	6777408
6776769			R	6757193	6779331	1	22		
6776769	7	23			6779420	1	23		
6776770			R	6757195	6779678	12	2		
6776770	7	22			6830074	12-1	10		
6776830	3-1	13			6830085	1	25		
6776995			R	6774343	6830139	12	24		
6776995			R	6776745	6830402			R	6757244
6776995	7	1			6830402	15	9		
6776995	7	31			6830403			R	6759540
6776995	10	24			6830403	12	9		
6776995	10	51			6830404			R	6759507
6776996			R	6775127	6830404	12	11		
6776996	10	3			6830429			R	6768804
6776998			R	6774344	6830429	7	30		
6776998			R	6776750	6830429	10	29		
6776998	7	3			6830463			R	6772407
6776998	7	33			6830463	2	14		
6776998	10	26			6830464			R	6772408
6777015			R	6759508	6830464	2-1	7		
6777015	10	44			6830474			R	6775938
6777016			R	6759493	6830474	1	26		
6777016	10	45			6830537			R	6771209
6777391			R	6759537	6830537	6-1	4		
6777391	12	3			6830538			R	6771198
6777391	12-1	3			6830538	6-1	6		
6777404			R	6757993	6832041	11	56		
6777404	12	5			6832042	12	11		
6777404	12-1	5			7450552			RB	7451564
6777408			R	6775964	7450737			R	8347400
6777408			RB	6779331	7450737	3	4		
6777410			RB	6779330	7451564			R	7450552
6777415			RB	6777449	7451564	12	4		
6777448			R	6774007	7451564	12-1	4		
6777448	2-2	3			7994981	18	4		
6777449			R	6777415	8347398	4	18		
6777449	2-2	4			8347400			RB	7450737
6777452			R	6768445	8522609	5	5		
6777452	7	2			8894450	17	5		
6777452	7	32			8894450	17-1	5		
6777453			R	6759471	9030126	16	3		
6777453	10	25			9409021	3-1	9		
6777561			R	6770873	9409036			R	181365
6777561	10	9			9409036	1	1		

R - REPLACES RB - REPLACED BY

PART NO	FIG NO	REF NO	HISTORY		PART NO	FIG NO	REF NO	HISTORY	
9409059	1	1							
9409079	4	28							
9409079	7	34							
9409131	16	8							
9409258	2-2	1							
9409513	5	17							
9411628			R	6757374					
9411628			RB	9417910					
9412270	2-1	2							
9417499	3-1	3							
9417910			R	9411628					
9417910			RB	907834					
9419967			RB	907833					
9421034			R	141159					
9421034	17-1	2							

R - REPLACES RB - REPLACED BY

QUICK REFERENCE LISTING FOR YOUR TORQMATIC DRIVE

Fill In Now

ALLISON TORQMATIC TRANSMISSION

1. Model No._____Assy Part No._____

   Serial No._____Installation_____

   ALLISON TORQMATIC TRANSMISSION

2. Model No._____Assy Part No._____

   Serial No._____Installation_____

   ALLISON TORQMATIC TRANSMISSION

3. Model No._____Assy Part No._____

   Serial No._____Installation_____

   ALLISON TORQMATIC TRANSMISSION

4. Model No._____Assy Part No._____

   Serial No._____Installation_____

   ALLISON TORQMATIC TRANSMISSION

5. Model No._____Assy Part No._____

   Serial No._____Installation_____

   ALLISON TORQMATIC TRANSMISSION

6. Model No._____Assy Part No._____

   Serial No._____Installation_____

   ALLISON TORQMATIC TRANSMISSION

7. Model No._____Assy Part No._____

   Serial No._____Installation_____

   ALLISON TORQMATIC TRANSMISSION

8. Model No._____Assy Part No._____

   Serial No._____Installation_____

   ALLISON TORQMATIC TRANSMISSION

9. Model No._____Assy Part No._____

   Serial No._____Installation_____

Allison

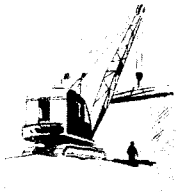
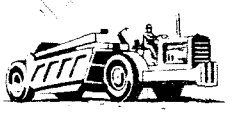
TORQMATIC®

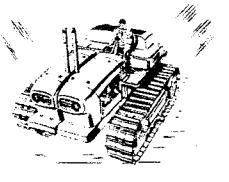
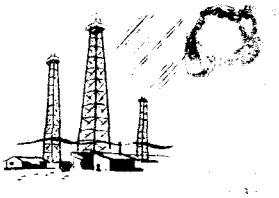
POWERSHIFT

— INCREASES EQUIPMENT OUTPUT

APPLICATIONS

In every power transmission application — whether it be off-highway, industrial, automotive, or on the rails — Allison Torqmatic Drive provides efficient BALANCE *between engine power and changing load demand.*

TORQMATIC DRIVES • PRODUCTS OF THE ALLISON DIVISION OF GENERAL MOTORS • INDIANAPOLIS 6, INDIANA

PRINTED IN U S A