

CONTROL VALVE BODY SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6775186	CRT 3331-1	A	6775918	CRT 3531-3	A
6775187	CRT 3331-1	A	6775945	CRT 3331-3	B
6775188	CRT 3331-1	B	6775987	CRT 3531-1	A
6775189	CRT 3331-1	A	6776152	CRT 3331-3	A
6775191	CRT 3331-1	A	6776446	CRT 3331-3	A
6775195	CRT 3331-1	G	6776529	CRT 3531-1	D
6775196	CRT 3331-1	A	6776572	CRT 3531-1	G
6775197	CRT 3331-1	A	6776606	CRT 3531-1	A
6775198	CRT 3331-1	A	6776607	CRT 3531-1	G
6775199	CRT 3331-1	A	6776642	CRT 3531-3	A
6775201	CRT 3331-1	A	6776655	CRT 3331-1	A
6775202	CRT 3331-1	B	6776693	CRT 3331-3	H
6775204	CRT 3331-1	A	6776694	CRT 3331-3	H
6775205	CRT 3331-1	B	6776717	CRT 3331-1	A
6775206	CRT 3331-1	B	6776755	CRT 3531-1	A
6775208	CRT 3331-1	B	6776756	CRT 3331-1	D
6775209	CRT 3331-1	A	6776757	CRT 3331-1	B
6775211	CRT 3331-1	A	6776758	CRT 3331-1	B
6775212	CRT 3331-1	A	6776766	CRT 3331-1	G
6775216	CRT 3331-1	B	6776814	CRT 3531-1	A
6775217	CRT 3321-1	B	6776956	CRT 3531-1	G
6775218	CRT 3331-3	B	6776983	CRT 3331-1	A
6775219	CRT 3331-3	A	6776985	CRT 3331-1	G
6775220	CRT 3331-3	A	6776986	CRT 3531-1	G
6775222	CRT 3331-3	A	6777037	CRT 3331-1	G
6775223	CRT 3331-3	A	6777038	CRT 3531-1	G
6775224	CRT 3331-3	A	6777038	CRT 3630-1	G
6775225	CRT 3331-3	A	6777039	CRT 3531-3	A
6775226	CRT 3331-3	A	6777073	CRT 3331-3	A
6775228	CRT 3331-3	A	6777088	CRT 3331-1	B
6775229	CRT 3331-3	A	6777091	CRT 3331-3	B
6775230	CRT 3331-3	A	6777092	CRT 3331-1	A
6775234	CRT 3331-3	A	6777118	CRT 3531-1	G
6775235	CRT 3321-3	B	6777127	CRT 3331-1	G
6775236	CRT 3321-3	B	6777129	CRT 3531-1	G
6775237	CRT 3321-3	A	6777130	CRT 3531-1	G
6775238	CRT 3321-3	A	6777130	CRT 3630-1	G
6775239	CRT 3321-3	A	6777153	CRT 3531-3	G
6775297	CRT 3331-1	G	6777154	CRT 3531-1	A
6775389	CRT 3331-1	D	6777168	CRT 3331-1	B
6775537	CRT 3531-1	A	6777232	CRT 3531-3	A
6775550	CRT 3331-1	B	6777269	CRT 3331-1	G
6775551	CRT 3331-3	A	6777293	CRT 3331-3	B
6775552	CRT 3531-1	B	6777294	CRT 3331-1	A
6775627	CRT 3331-3	A	6777310	CRT 3331-1	A
6775701	CRT 3331-1	A	6777417	CRT 3331-3	A
6775715	CRT 3331-3	C	6777419	CRT 3331-1	H
6775735	CRT 3331-3	H	6777444	CRT 3531-1	A
6775826	CRT 3531-1	G	6777535	CRT 3321-3	A
6775917	CRT 3531-3	A	6777569	CRT 3531-1	G

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A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6772892	CRT 3331-1	A	6773994	CRT 3331-3	A
6772893	CRT 3331-1	B	6774040	CRT 3331-3	A
6772894	CRT 3331-3	A	6774041	CRT 3531-1	G
6772895	CRT 3331-1	A	6774047	CRT 3531-1	A
6772913	CRT 3331-1	A	6774116	CRT 3331-3	A
6772914	CRT 3331-1	B	6774121	CRT 3331-3	A
6772915	CRT 3331-1	A	6774124	CRT 3331-1	B
6772916	CRT 3331-1	A	6774145	CRT 3331-1	B
6772917	CRT 3331-1	A	6774146	CRT 3331-1	A
6772918	CRT 3331-1	A	6774150	CRT 3331-3	A
6772929	CRT 3331-1	B	6774158	CRT 3331-1	B
6772948	CRT 3331-3	A	6774159	CRT 3331-1	A
6772949	CRT 3331-3	A	6774219	CRT 3331-3	D
6773161	CRT 3331-1	A	6774221	CRT 3331-1	A
6773231	CRT 3331-3	A	6774230	CRT 3331-3	A
6773267	CRT 3531-3	A	6774273	CRT 3331-3	A
6773297	CRT 3531-1	A	6774274	CRT 3331-3	B
6773323	CRT 3531-3	B	6774275	CRT 3531-1	A
6773339	CRT 3331-1	A	6774276	CRT 3321-3	A
6773368	CRT 3331-3	A	6774277	CRT 3331-3	A
6773369	CRT 3331-1	A	6774315	CRT 3331-3	A
6773371	CRT 3331-1	A	6774319	CRT 3331-1	A
6773419	CRT 3331-1	A	6774330	CRT 3531-3	G
6773505	CRT 3531-1	A	6774332	CRT 3331-1	A
6773533	CRT 3331-1	A	6774334	CRT 3331-3	A
6773534	CRT 3331-1	A	6774447	CRT 3331-3	G
6773578	CRT 3331-3	A	6774463	CRT 3331-1	A
6773579	CRT 3331-1	A	6774484	CRT 3331-1	G
6773580	CRT 3331-1	A	6774496	CRT 3331-1	A
6773588	CRT 3321-3	B	6774567	CRT 3331-1	A
6773628	CRT 3331-3	B	6774568	CRT 3331-1	A
6773629	CRT 3531-1	A	6774585	CRT 3331-3	B
6773635	CRT 3331-1	A	6774588	CRT 3331-3	A
6773680	CRT 3321-3	B	6774641	CRT 3531-3	A
6773681	CRT 3331-3	B	6774668	CRT 3321-3	A
6773706	CRT 3531-3	A	6774669	CRT 3531-1	A
6773752	CRT 3331-1	A	6774691	CRT 3331-3	A
6773798	CRT 3331-1	B	6774699	CRT 3531-1	G
6773809	CRT 3331-1	A	6774741	CRT 3531-3	B
6773810	CRT 3331-1	A	6774743	CRT 3331-1	B
6773838	CRT 3331-1	A	6774792	CRT 3331-1	A
6773852	CRT 3531-1	A	6774875	CRT 3531-1	A
6773883	CRT 3331-1	A	6774920	CRT 3331-3	H
6773891	CRT 3321-3	A	6774921	CRT 3331-3	A
6773900	CRT 3331-1	D	6775179	CRT 3331-1	A
6773901	CRT 3331-3	D	6775180	CRT 3331-1	A
6773937	CRT 3531-1	A	6775181	CRT 3331-1	G
6773970	CRT 3331-3	A	6775182	CRT 3331-1	A
6773975	CRT 3331-1	B	6775183	CRT 3331-1	A
6773976	CRT 3331-1	B	6775185	CRT 3331-1	A

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A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6830699	CRT 3331-1	A	6834147	CRT 3630-1	G
6830720	CRT 3531-1	A	6834190	CRT 3531-1	A
6831016	CRT 3331-1	B	6834198	CRT 3630-1	A
6831017	CRT 3331-3	B	6834308	CRT 3331-1	B
6831037	CRT 3331-3	A	6834823	CRT 3331-1	A
6831138	CRT 3531-3	A	6834953	CRT 3331-3	A
6831153	CRT 3531-3	A	6835005	CRT 3531-1	B
6831245	CRT 3331-3	B	6835013	CRT 3331-1	A
6831297	CRT 3331-1	G	6835032	CRT 3531-1	A
6831298	CRT 3331-1	A	6835091	CRT 3531-1	A
6831344	CRT 3531-1	G	6835092	CRT 3531-1	A
6831358	CRT 3331-1	A	6835118	CRT 3331-1	A
6831535	CRT 3331-1	A	6835174	CRT 3531-1	A
6831595	CRT 3630-1	A	6835529	CRT 3630-1	G
6831801	CRT 3331-1	A	6835663	CRT 3331-1	B
6831904	CRT 3331-1	A	6835778	CRT 3630-1	A
6831986	CRT 3331-1	B	6835795	CRT 3630-1	B
6832033	CRT 3331-1	B	6836004	CRT 3331-1	B
6832038	CRT 3531-3	B	6836005	CRT 3331-1	B
6832043	CRT 3331-1	A	6836006	CRT 3331-1	B
6832044	CRT 3331-1	B	6836007	CRT 3331-1	B
6832245	CRT 3331-1	B	6836031	CRT 3331-1	A
6832415	CRT 3331-1	G	6836049	CRT 3331-3	B
6832614	CRT 3331-1	A	6836205	CRT 3630-1	G
6832741	CRT 3531-3	A	6836307	CRT 3531-3	A
6832742	CRT 3531-3	A	6836350	CRT 3331-3	A
6832816	CRT 3331-1	B	6836417	CRT 3531-1	B
6832840	CRT 3531-1	A	6836422	CRT 3331-3	B
6832899	CRT 3331-1	G	6836455	CRT 3331-1	A
6832922	CRT 3331-1	A	6836461	CRT 3531-1	A
6832961	CRT 3331-1	B	6836480	CRT 3331-1	B
6832962	CRT 3331-1	B	6836507	CRT 3531-1	G
6833094	CRT 3331-1	J	6836630	CRT 3531-1	G
6833333	CRT 3630-1	G	6836671	CRT 3331-3	A
6833364	CRT 3331-3	B	6836685	CRT 3531-1	A
6833365	CRT 3331-3	B	6836768	CRT 3331-1	A
6833396	CRT 3331-1	A	6836793	CRT 3531-1	A
6833397	CRT 3331-1	A	6836794	CRT 3531-1	A
6833398	CRT 3331-1	A	6836818	CRT 3531-1	B
6833523	CRT 3531-1	B	6836834	CRT 3331-1	B
6833524	CRT 3331-3	B	6836944	CRT 3531-1	B
6833604	CRT 3331-3	A	6836945	CRT 3531-1	A
6833605	CRT 3331-3	A	6837024	CRT 3531-1	B
6833612	CRT 3531-1	B	6837104	CRT 3531-1	A
6833615	CRT 3331-1	B	6837212	CRT 3331-1	B
6833762	CRT 3331-1	G	6837353	CRT 3331-1	A
6833873	CRT 3531-3	B	6838122	CRT 3531-1	B
6834054	CRT 3331-1	B	6838291	CRT 3531-1	G
6834141	CRT 3630-1	G	6838446	CRT 3630-1	A
6834146	CRT 3331-3	A	6838561	CRT 3531-1	G

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A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6777570	CRT 3331-3	A	6779078	CRT 3331-1	B
6777571	CRT 3331-1	A	6779085	CRT 3331-1	A
6777622	CRT 3331-1	B	6779086	CRT 3331-1	B
6777695	CRT 3531-1	A	6779104	CRT 3331-1	A
6777718	CRT 3331-3	H	6779142	CRT 3331-1	A
6777719	CRT 3331-3	H	6779143	CRT 3331-1	B
6777794	CRT 3531-1	A	6779172	CRT 3331-1	A
6777812	CRT 3331-1	A	6779173	CRT 3531-1	A
6777815	CRT 3331-1	G	6779174	CRT 3531-1	A
6777816	CRT 3331-1	A	6779180	CRT 3531-1	B
6777826	CRT 3331-1	A	6779183	CRT 3331-3	E
6777827	CRT 3331-1	B	6779188	CRT 3531-1	B
6777828	CRT 3331-1	A	6779191	CRT 3331-1	A
6777910	CRT 3331-3	A	6779217	CRT 3331-1	A
6777911	CRT 3331-1	G	6779230	CRT 3331-1	B
6777933	CRT 3331-1	B	6779234	CRT 3331-1	A
6777934	CRT 3331-3	A	6779248	CRT 3531-3	A
6777946	CRT 3531-1	D	6779250	CRT 3531-3	B
6777949	CRT 3331-1	A	6779264	CRT 3331-1	G
6777950	CRT 3331-1	B	6779313	CRT 3331-1	B
6777951	CRT 3331-1	B	6779337	CRT 3331-3	A
6777976	CRT 3331-1	D	6779424	CRT 3331-1	A
6778025	CRT 3331-1	G	6779470	CRT 3331-1	B
6778040	CRT 3331-1	A	6779502	CRT 3331-1	B
6778073	CRT 3331-3	A	6779503	CRT 3321-3	A
6778128	CRT 3331-3	G	6779541	CRT 3331-3	A
6778140	CRT 3630-1	G	6779657	CRT 3331-3	A
6778168	CRT 3331-1	A	6779676	CRT 3331-3	A
6778169	CRT 3331-1	A	6779677	CRT 3331-1	A
6778170	CRT 3331-3	A	6779765	CRT 3331-1	A
6778207	CRT 3531-1	G	6779769	CRT 3331-1	A
6778208	CRT 3331-3	B	6779795	CRT 3331-3	A
6778275	CRT 3331-3	E	6779862	CRT 3331-1	A
6778370	CRT 3531-3	B	6779891	CRT 3331-1	B
6778377	CRT 3331-1	B	6779964	CRT 3331-1	A
6778378	CRT 3331-1	B	6829988	CRT 3331-3	A
6778379	CRT 3331-1	B	6829989	CRT 3531-1	A
6778387	CRT 3331-1	B	6830405	CRT 3531-1	G
6778396	CRT 3331-3	A	6830421	CRT 3531-1	G
6778879	CRT 3331-1	A	6830422	CRT 3531-1	G
6778954	CRT 3531-3	B	6830425	CRT 3331-1	A
6778999	CRT 3331-1	A	6830485	CRT 3331-3	B
6779012	CRT 3531-1	A	6830505	CRT 3531-1	G
6779013	CRT 3331-1	A	6830554	CRT 3331-1	A
6779047	CRT 3331-1	A	6830570	CRT 3331-3	B
6779048	CRT 3331-1	A	6830586	CRT 3630-1	A
6779049	CRT 3531-1	A	6830587	CRT 3531-1	A
6779068	CRT 3331-1	A	6830590	CRT 3630-1	G
6779076	CRT 3331-3	A	6830591	CRT 3331-1	G
6779077	CRT 3321-3	A	6830650	CRT 3531-3	A

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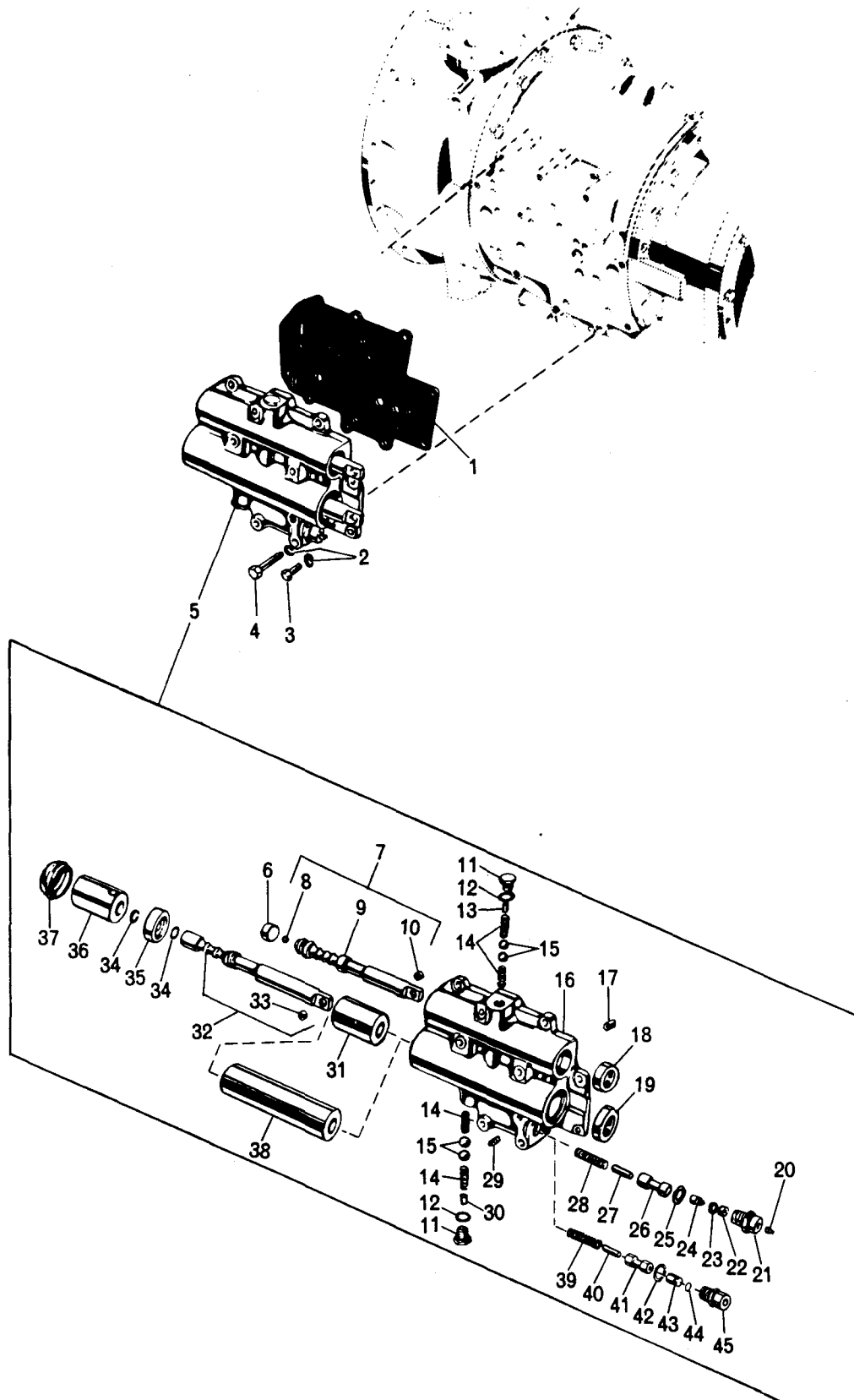
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A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6838562	CRT 3531-3	A	6883051	CRT 3531-1	B
6838573	CRT 3630-1	B	6883156	CRT 3531-1	G
6838831	CRT 3531-1	G	6883312	CRT 3630-1	G
6838975	CRT 3531-1	G	6883313	CRT 3531-1	A
6839188	CRT 3531-1	B	6883320	CRT 3531-3	A
6839189	CRT 3331-1	A	6883547	CRT 3531-1	B
6839549	CRT 3331-1	A	6883717	CRT 3331-1	A
6839565	CRT 3531-1	A	6883724	CRT 3531-1	B
6839673	CRT 3331-3	A	6883957	CRT 3531-3	A
6880146	CRT 3531-3	A	6884199	CRT 3531-3	A
6880260	CRT 3331-1	A	6884200	CRT 3531-3	A
6880291	CRT 3331-1	A	6884201	CRT 3531-3	B
6880327	CRT 3331-1	A	6884202	CRT 3531-3	A
6880328	CRT 3331-1	A	6884203	CRT 3531-3	B
6880407	CRT 3331-1	G	6884204	CRT 3531-3	A
6880474	CRT 3630-1	G	6884205	CRT 3531-3	A
6880658	CRT 3531-3	B	6884206	CRT 3531-3	A
6880763	CRT 3331-1	B	6884207	CRT 3531-1	A
6881019	CRT 3331-3	B	6884208	CRT 3531-1	A
6881137	CRT 3531-3	A	6884209	CRT 3531-1	A
6881571	CRT 3630-1	G	6884210	CRT 3531-1	A
6881648	CRT 3331-1	A	6884211	CRT 3531-1	A
6882053	CRT 3331-3	A	6885223	CRT 3531-1	A
6882288	CRT 3331-1	A	6885489	CRT 3630-1	G
6882559	CRT 3331-3	A			

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



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FIG 13-1. CONTROL VALVE BODY

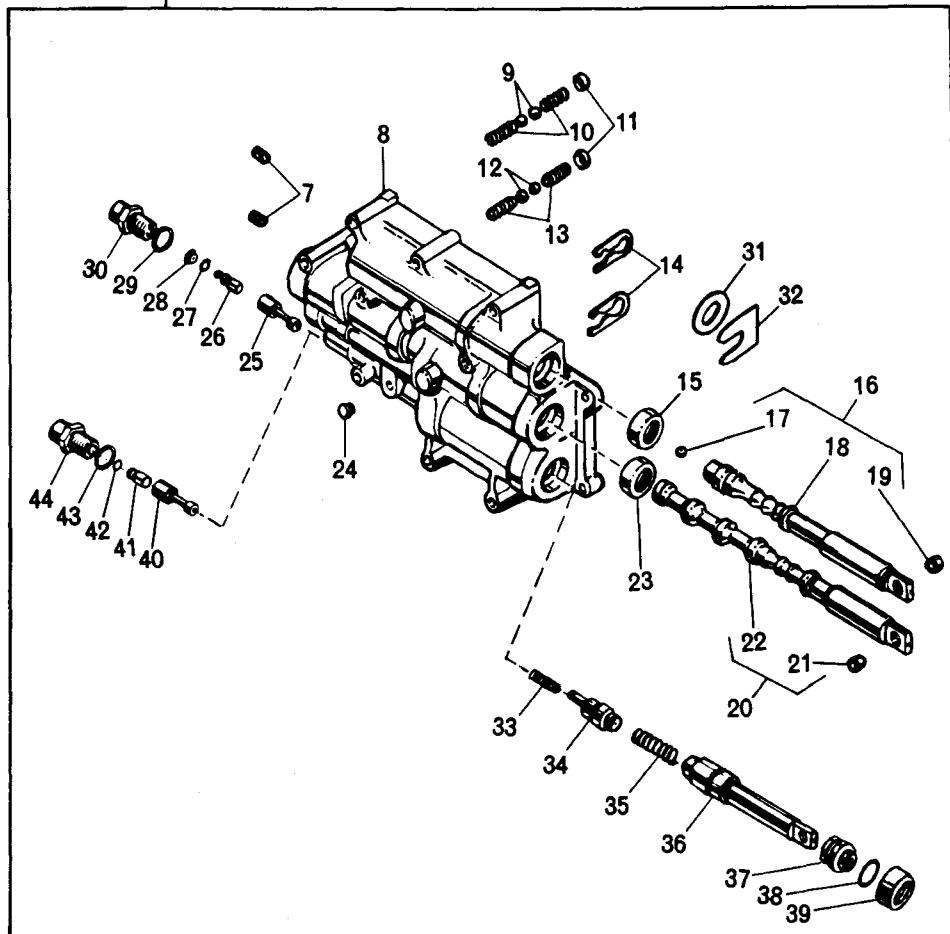
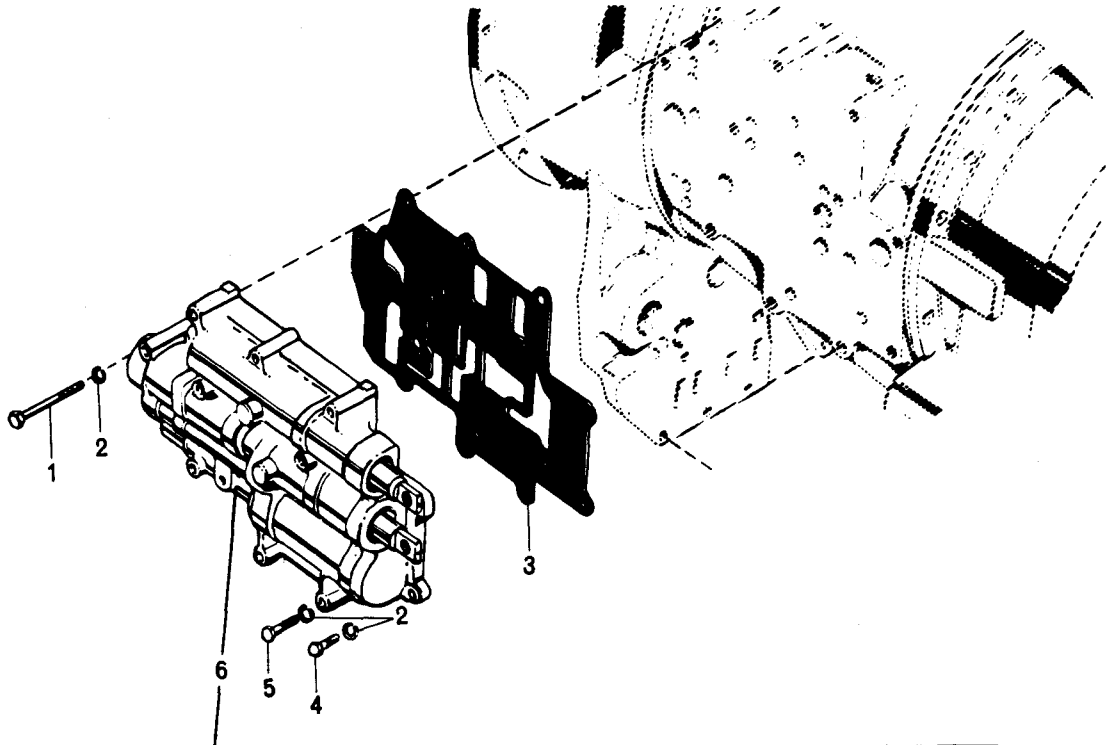


FIG 13. CONTROL VALVE BODY

GROUP C

CONTROL VALVE BODY, FIGURE 13-1

REF NO	NGM ENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	GASKET, CONTROL VALVE BODY	6759499	1	1	3	10
2	WASHER, LOCK, 3/8	103321	11	11	22	33
3	BOLT, HEX HD, 3/8-16 X 1 1/4	179841	6	6	12	18
4	BOLT, HEX HD, 3/8-16 X 3	179851	5	5	10	15
5	BODY ASSY, CONTROL VALVE SENSE-FEEL CONTRL	6755544	1			1
	WITH HYDRAULICALLY CONTROLLED CLUTCH CUT OFF VALVE					
6	CAP, SELECTOR VALVE	6774572	1	1	2	4
7	VALVE ASSY, RANGE SELECTOR	6757263	1		1	2
8	BALL	453577	1			
9	VALVE, RANGE SELECTOR	6757262	1			
10	BUSHING	6769402	1	1	2	4
11	PLUG, HX HD, 3/4-16 UNF	6772115	2		2	4
12	GASKET, COPPER	6768523	2	2	6	20
13	PIN	6750945	1		1	2
14	SPRING, VALVE DETENT	6703162	4	4	8	16
15	BALL, 5/8 DIA	453637	4	4	8	16
16	BODY, CONTROL VALVE. PRIOR TO S/N 5909 USE	6769643	1		1	2
	6759498 BODY.					
17	PIN, SPRING. PRIOR TO S/N 5909 USE 453675 PIN.	453675	2	2	4	8
18	SEAL, RANGE SELECTOR VALVE LIP TYPE OIL	6703159	1	1	3	10
19	SEAL, FORWARD AND REVERSE VALVE LIP TYPE OIL	6757264	1	1	3	10
20	PLUG, PIPE, 1/8	445684	1	1	2	3
21	PLUG, CUT-OFF VALVE RTNR	6758306	1		1	2
22	CUP, CLUTCH CUT-OFF VALVE PISTON	6771913	1	1	3	10
23	RING, CLUTCH CUT-OFF VALVE PLUG SEAL	6750558	1	1	3	10
24	PLUG, CLUTCH CUT-OFF VALVE	6771914	1		1	2
25	GASKET, ANNULAR, 7/8	105456	1	1	3	10
26	VALVE, CLUTCH CUT-OFF	6758304	1		1	2
27	PIN, 3/8 X 1 3/8	103772	1		1	2
28	SPRING, CLUTCH CUT-OFF VALVE	6757251	1	1	2	4
29	PLUG, PIPE, 1/8	445684	1	1	2	3
30	NOT USED IN THIS GROUP.					
31	SLEEVE, FORWARD SHIFT. PRIOR TO S/N 5909 USE	6769641	1		1	2
	6757261 SLEEVE.					
32	VALVE ASSY, FORWARD & REVERSE	6769426	1		1	2
33	BUSHING	6769402	1	1	2	4
34	RING, INTERNAL SNAP	6750912	2	2	4	10
35	PISTON, FORWARD & REVERSE	6757260	1		1	2
36	SLEEVE, REVERSE SHIFT. PRIOR TO S/N 5909 USE	6769642	1		1	2
	6757258 SLEEVE.					
37	CUP	6833388	1	1	3	6
38-45	NOT USED IN THIS GROUP.					

GROUP D

CONTROL VALVE BODY, FIGURE 13-1

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

5	BODY ASSY, CONTROL VALVE INCHING CONTROL VALVE	6768725	1			1
	WITH HYDRAULICALLY ACTUATED CLUTCH CUT OFF VALVE					
17	PIN, SPRING. PRIOR TO S/N 5909 USE 453675 PIN.	453675	1	1	2	4
30	PIN	6750945	1		1	2
31	NOT USED IN THIS GROUP.					
32	VALVE ASSY, FORWARD & REVERSE	6769440	1		1	2
33	BUSHING	6769402	1	1	2	4

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* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP A

CONTROL VALVE BODY, FIGURE 13

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	BOLT, HX HD, 3/8-16 X 3 1/2	186283	3	3	6	9
2	WASHER, LOCK, 3/8	103321	11	11	22	33
3	GASKET, CONTROL VALVE BODY	6772057	1	1	3	10
4	BOLT, HX HD, 3/8-16 X 1 1/4	179841	2	2	4	6
5	BOLT, HX HD, 3/8-16 X 2 1/2	179849	6	6	12	18
6	BODY ASSY, CONTROL VALVE BODY CONTROL VALVE	6773645	1			1
	WITH HYDRAULICALLY ACTUATED CLUTCH CUT-OFF VALVE					
7	PLUG, SQ SOCKET, DRY SEAL, 3/8	444660	2	2	4	6
8	BODY, CONTROL VALVE	6772066	1		1	2
9	BALL, DETENT, SELECTOR VALVE	453637	2	2	4	8
10	SPRING, SELECTOR VALVE DETENT	6773631	2	2	4	8
11	RETAINER, DETENT SPRING	6772054	2	2	4	8
12	BALL, DETENT, FORWARD AND REVERSE VALVE	453637	2	2	4	8
13	SPRING, FORWARD AND REVERSE VALVE DETENT	6773641	2	2	4	8
14	STOP, VALVE	6772053	2	2	4	8
15	SEAL, SELECTOR VALVE LIP TYPE OIL	6703159	1	1	3	10
16	VALVE ASSY, RANGE SELECTOR	6772067	1		1	2
17	BALL	453577	* 1			
18	VALVE, RANGE SELECTOR	6772059	* 1			
19	BUSHING, VALVE	6769402	1	1	2	4
20	VALVE ASSY, FORWARD AND REVERSE	6772069	1		1	2
21	BUSHING, VALVE	6769402	1	1	2	4
22	VALVE, FORWARD AND REVERSE	6772056	* 1			
23	SEAL, FORWARD AND REVERSE VALVE LIP TYPE	6703159	1	1	3	10
24	PLUG, HX HD, PIPE, 1/8	444612	1	1	2	4
25	VALVE, CLUTCH CUT-OFF	6772078	1		1	2
26	PLUG, CLUTCH CUT-OFF VALVE	6771914	1		1	2
27	RING, CLU CUT-OFF VALVE PLUG O RING TYPE SEAL	6750558	1	1	3	10
28	CUP, CLUTCH CUT-OFF VALVE	6771913	1	1	3	10
29	GASKET, PLUG	105456	1	1	3	10
30	PLUG, CUT-OFF VALVE RETAINER	6758306	1		1	2
31-44	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	6773644	1			1
	CONTROL WITHOUT CLUTCH CUT OFF VALVE					
8	BODY, CONTROL VALVE	6772063	1		1	2
25-30	NOT USED IN THIS GROUP.					
31	WASHER, INCHING VALVE RUBBER	6772043	1	1	3	10
32	STOP, INCHING VALVE PLUG	6772049	1		1	2
33	SPRING, INCHING REGLTR VALVE	6770298	1	1	2	4
34	VALVE, INCHING REGULATOR	6772055	1		1	2
35	SPRING, INCHING VALVE	6772046	1	1	2	4
36	VALVE, INCHING CONTROL	6772052	1		1	2
37	PLUG, INCHING VALVE	6772045	1		1	2
38	RING, INCHING VALVE PLUG O RING TYPE SEAL	6772051	1	1	3	10
39	SEAL, INCHING VALVE LIP TYPE OIL	6880484	1	1	3	10
40-44	NOT USED IN THIS GROUP.					

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP H CONT

CONTROL VALVE BODY, FIGURE 13

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
18	VALVE	6775082	* 1			
20	VALVE ASSY, FORWARD AND REVERSE	6775086	1		1	2
22	VALVE	6775083	* 1			
25-30	NOT USED IN THIS GROUP.					
31	WASHER, INCHING VALVE RUBBER	6772043	1	1	3	10
32	STOP, INCHING VALVE PLUG	6772049	1		1	2
33	SPRING, INCHING REGULATOR VALVE	6770298	1	1	2	4
34	VALVE, INCHING REGULATOR	6772055	1		1	2
35	SPRING, INCHING VALVE	6772046	1	1	2	4
36	VALVE, INCHING CONTROL	6775081	1		1	2
37	PLUG, INCHING VALVE	6772045	1		1	2
38	RING, INCHING VALVE PLUG SEAL	6772051	1	1	3	10
39	SEAL, INCHING VALVE OIL	6880484	1	1	3	10
40-44	NOT USED IN THIS GROUP.					

GROUP J

CONTROL VALVE BODY, FIGURE 13-1

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

5	BODY ASSY, CONTROL VALVE - INCHING CONTROL WITH	6833493	1			1
	AIR ACTUATED CLUTCH CUT-OFF.					
17	PIN, SPRING	453675	1	1	2	4
20-28	NOT USED IN THIS GROUP					
30	PIN	6750945	1		1	2
31	NOT USED IN THIS GROUP.					
32	VALVE ASSY, FORWARD AND REVERSE	6769440	1		1	2
33	BUSHING	6769402	1	1	2	4
34-36	NOT USED IN THIS GROUP.					
38	SLEEVE, FORWARD & REVERSE SHIFT VALVE	6769645	1		1	2
39	SPRING, CLUTCH CUT-OFF VALVE	6757251	1	1	2	4
40	PIN, SPRING GUIDE, 3/8 X 1 3/8	103772	1		1	2
41	VALVE, CLUTCH CUT-OFF	6758304	1		1	2
42	GASKET, ANNULAR, 7/8	105456	1	1	3	10
43	PLUG, CLUTCH CUT-OFF	6758305	1		1	2
44	RING, CLUTCH CUT-OFF O RING SEAL	6750558	1	1	3	10
45	PLUG, VALVE ACCESS	6771378	1		1	2

GROUP K

CONTROL VALVE BODY, FIGURE 13-1

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

5	BODY ASSY, CONTROL VALVE - INCHING CONTROL WITH	6771379	1			1
	AIR ACTUATED CLUTCH CUT-OFF.					
17	PIN, SPRING	453675	1	1	2	4
20-28	NOT USED IN THIS GROUP.					
30	PIN	6750945	1		1	2
31	NOT USED IN THIS GROUP					
32	VALVE ASSY, FORWARD AND REVERSE	6769440	1		1	2
33	BUSHING	6769402	1	1	2	4
34-36	NOT USED IN THIS GROUP.					
38	SLEEVE, FORWARD & REVERSE SHIFT VALVE	6769645	1		1	2

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* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP D CGNT

CONTROL VALVE BODY, FIGURE 13-1

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

REF NO	ACMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
34-36	NOT USED IN THIS GROUP.					
38	SLEEVE, FORWARD & REVERSE SHIFT VALVE. PRICR . TO S/N 5909 USE 6768728 SLEEVE.	6769645	1		1	2

GROUP E

CONTROL VALVE BODY, FIGURE 13-1

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

5	BODY ASSY, CONTROL VALVE SENSE-FEEL CONTRGL . .	6769998	1			1
	WITHOUT CLUTCH CUT OFF VALVE					
16	BODY, CONTROL VALVE	6769999	1		1	2
20-28	NOT USED IN THIS GROUP.					

GROUP F

CONTROL VALVE BODY, FIGURE 13-1

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

5	BODY ASSY, CONTROL VALVE INCHING CONTROL . . .	6771398	1			1
	WITHOUT CLUTCH CUTOFF VALVE					
16	BODY, CONTROL VALVE	6769999	1		1	2
17	PIN, SPRING	453675	1	1	2	4
20-28	NOT USED IN THIS GROUP.					
30	PIN	6750945	1		1	2
31	NOT USED IN THIS GROUP.					
32	VALVE ASSY, FORWARD & REVERSE	6769440	1		1	2
33	BUSHING	6769402	1	1	2	4
34-36	NOT USED IN THIS GROUP.					

GROUP G

CONTROL VALVE, FIGURE 13

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

6	BODY ASSY, CONTROL VALVE CONTROL VALVE BODY . .	6773646	1			1
	WITH AIR ACTUATED CLUTCH CUTOFF					
25-39	NOT USED IN THIS GROUP.					
40	VALVE, CLUTCH CUT-OFF	6772078	1		1	2
41	PLUG, CLUTCH CUT-OFF	6758305	1		1	2
42	RING, CLUTCH CUT-OFF VALVE PLUG SEAL	6750558	1	1	3	10
43	GASKET, VALVE ACCESS PLUG	105456	1	1	3	10
44	PLUG, VALVE ACCESS	6771378	1		1	2

GROUP H

CONTROL VALVE BODY, FIGURE 13

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

6	BODY ASSY, CONTROL VALVE THREE SPCOL INCHING .	6775085	1			1
	CONTROL WITHOUT CLUTCH CUT-OFF					
8	BODY, CONTROL VALVE	6772063	1		1	2
16	VALVE ASSY, RANGE SELECTOR	6775087	1		1	2

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GROUP K CONT

CONTROL VALVE BODY, FIGURE 13-1

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
39	SPRING, CLUTCH CUT-OFF VALVE	6757251	1	1	2	4
40	PIN, SPRING GUIDE, 3/8 X 1 3/8	103772	1		1	2
41	VALVE, CLUTCH CUT-OFF	6758304	1		1	2
42	GASKET, ANNULAR	105456	1	1	3	10
43	PLUG, CLUTCH CUT-OFF	6758305	1		1	2
44	RING, CLUTCH CUT-OFF SEAL	6750558	1	1	3	10
45	PLUG, VALVE ACCESS	6771378	1		1	2

MAIN PRESSURE REGULATOR VALVE SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6759583	CRT 3331-1	A	6769737	CRT 3331-1	A
6759584	CRT 3331-1	A	6769738	CRT 3331-3	A
6759597	CRT 3331-1	A	6769768	CRT 3331-3	A
6759604	CRT 3331-3	A	6769822	CRT 3331-3	A
6759633	CRT 3331-1	A	6769824	CRT 3331-1	A
6759634	CRT 3331-1	A	6769841	CRT 3331-1	A
6759635	CRT 3331-1	A	6769863	CRT 3331-3	A
6759636	CRT 3331-1	A	6769867	CRT 3331-1	A
6759707	CRT 3331-1	A	6769901	CRT 3331-1	A
6759718	CRT 3331-3	A	6769902	CRT 3331-1	A
6759719	CRT 3331-3	A	6769922	CRT 3331-1	A
6759721	CRT 3331-1	A	6769931	CRT 3331-3	A
6759739	CRT 3331-3	A	6769935	CRT 3331-1	A
6759746	CRT 3331-3	A	6769947	CRT 3331-3	A
6759747	CRT 3331-3	A	6769948	CRT 3331-1	A
6759748	CRT 3331-1	A	6769990	CRT 3331-3	A
6759752	CRT 3331-3	A	6769991	CRT 3331-3	A
6759755	CRT 3331-1	A	6770000	CRT 3331-1	A
6759756	CRT 3331-1	A	6770005	CRT 3331-1	A
6759763	CRT 3331-1	A	6770006	CRT 3331-3	A
6759765	CRT 3331-3	A	6770063	CRT 3331-1	A
6759774	CRT 3331-3	A	6770081	CRT 3331-1	A
6759776	CRT 3331-1	A	6770176	CRT 3331-1	A
6759789	CRT 3331-1	A	6770186	CRT 3331-1	A
6759793	CRT 3331-1	A	6770243	CRT 3331-3	A
6759794	CRT 3331-1	A	6770328	CRT 3331-1	A
6759795	CRT 3331-1	A	6770363	CRT 3331-1	A
6759796	CRT 3331-3	A	6770438	CRT 3331-1	A
6759812	CRT 3331-1	A	6770439	CRT 3331-3	A
6759817	CRT 3331-1	A	6770465	CRT 3331-1	B
6759826	CRT 3331-1	A	6770605	CRT 3331-3	A
6759828	CRT 3331-1	A	6770636	CRT 3331-3	A
6759837	CRT 3331-1	A	6770675	CRT 3331-1	A
6759847	CRT 3331-3	A	6770732	CRT 3331-1	A
6759850	CRT 3331-1	A	6770966	CRT 3331-1	A
6759851	CRT 3331-1	A	6771032	CRT 3331-3	A
6759858	CRT 3331-1	A	6771074	CRT 3531-1	B
6759861	CRT 3331-1	A	6771133	CRT 3331-1	B
6759865	CRT 3331-1	A	6771136	CRT 3331-1	B
6759866	CRT 3331-1	A	6771241	CRT 3331-1	A
6759908	CRT 3331-3	A	6771262	CRT 3331-3	A
6759916	CRT 3331-3	A	6771278	CRT 3331-1	A
6769519	CRT 3331-3	A	6771279	CRT 3331-3	A
6769518	CRT 3331-1	A	6771319	CRT 3331-1	A
6769554	CRT 3331-1	A	6771321	CRT 3531-1	B
6769555	CRT 3331-3	A	6771392	CRT 3531-1	B
6769556	CRT 3331-1	A	6771412	CRT 3331-1	A
6769615	CRT 3331-1	A	6771414	CRT 3331-1	A
6769635	CRT 3331-1	A	6771415	CRT 3331-1	A
6769730	CRT 3331-3	A	6771416	CRT 3331-1	A

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

MAIN PRESSURE REGULATOR VALVE SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6771417	CRT 3331-1	A	6772829	CRT 3331-1	A
6771444	CRT 3331-1	A	6772891	CRT 3331-1	A
6771458	CRT 3331-3	A	6772892	CRT 3331-1	A
6771640	CRT 3331-3	A	6772893	CRT 3331-1	A
6771647	CRT 3531-1	B	6772894	CRT 3331-3	A
6771708	CRT 3321-3	A	6772895	CRT 3331-1	A
6771740	CRT 3331-1	A	6772913	CRT 3331-1	A
6771744	CRT 3331-1	A	6772914	CRT 3331-1	A
6771764	CRT 3331-1	A	6772915	CRT 3331-1	A
6771803	CRT 3321-1	A	6772916	CRT 3331-1	A
6771808	CRT 3331-1	A	6772917	CRT 3331-1	A
6771924	CRT 3531-1	B	6772918	CRT 3331-1	A
6771940	CRT 3531-1	B	6772929	CRT 3331-1	A
6771994	CRT 3321-3	A	6772948	CRT 3331-3	A
6772026	CRT 3331-1	A	6772949	CRT 3331-3	A
6772034	CRT 3531-1	B	6773161	CRT 3331-1	A
6772081	CRT 3331-3	A	6773231	CRT 3331-3	A
6772087	CRT 3331-1	A	6773267	CRT 3531-3	B
6772100	CRT 3331-1	A	6773297	CRT 3531-1	B
6772105	CRT 3331-1	A	6773323	CRT 3531-3	B
6772118	CRT 3531-1	B	6773339	CRT 3331-1	A
6772144	CRT 3321-1	A	6773368	CRT 3331-3	A
6772145	CRT 3321-3	A	6773369	CRT 3331-1	A
6772195	CRT 3331-1	A	6773371	CRT 3331-1	A
6772196	CRT 3331-1	A	6773419	CRT 3331-1	A
6772277	CRT 3331-1	A	6773505	CRT 3531-1	B
6772279	CRT 3331-1	A	6773533	CRT 3331-1	A
6772280	CRT 3331-1	A	6773534	CRT 3331-1	A
6772317	CRT 3331-3	A	6773578	CRT 3331-3	A
6772318	CRT 3321-3	A	6773579	CRT 3331-1	A
6772360	CRT 3331-1	A	6773580	CRT 3331-1	A
6772456	CRT 3531-1	B	6773588	CRT 3321-3	A
6772464	CRT 3331-1	A	6773628	CRT 3331-3	A
6772496	CRT 3331-1	A	6773629	CRT 3531-1	B
6772497	CRT 3331-1	A	6773635	CRT 3331-1	A
6772498	CRT 3331-1	A	6773680	CRT 3321-3	A
6772499	CRT 3331-1	A	6773681	CRT 3331-3	A
6772500	CRT 3331-1	A	6773706	CRT 3531-3	B
6772501	CRT 3331-1	A	6773752	CRT 3331-1	A
6772502	CRT 3331-1	B	6773798	CRT 3331-1	A
6772503	CRT 3331-1	A	6773809	CRT 3331-1	A
6772504	CRT 3331-1	A	6773810	CRT 3331-1	A
6772505	CRT 3331-1	B	6773838	CRT 3331-1	A
6772506	CRT 3331-1	A	6773852	CRT 3531-1	B
6772507	CRT 3331-1	A	6773883	CRT 3331-1	B
6772541	CRT 3331-3	A	6773891	CRT 3321-3	A
6772731	CRT 3331-1	A	6773900	CRT 3331-1	A
6772826	CRT 3331-1	A	6773901	CRT 3331-3	A
6772827	CRT 3321-1	A	6773937	CRT 3531-1	B
6772828	CRT 3331-1	A	6773970	CRT 3331-3	A

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

MAIN PRESSURE REGULATOR VALVE SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6775826	CRT 3531-1	B	6777535	CRT 3321-3	A
6775917	CRT 3531-3	B	6777569	CRT 3531-1	B
6775918	CRT 3531-3	B	6777570	CRT 3331-3	A
6775945	CRT 3331-3	A	6777571	CRT 3331-1	A
6775987	CRT 3531-1	B	6777622	CRT 3331-1	A
6776152	CRT 3331-3	A	6777695	CRT 3531-1	B
6776446	CRT 3331-3	A	6777718	CRT 3331-3	A
6776529	CRT 3531-1	B	6777719	CRT 3331-3	A
6776572	CRT 3531-1	B	6777794	CRT 3531-1	B
6776606	CRT 3531-1	B	6777812	CRT 3331-1	A
6776607	CRT 3531-1	B	6777815	CRT 3331-1	A
6776642	CRT 3531-3	B	6777816	CRT 3331-1	A
6776655	CRT 3331-1	A	6777826	CRT 3331-1	A
6776693	CRT 3331-3	A	6777827	CRT 3331-1	A
6776694	CRT 3331-3	A	6777828	CRT 3331-1	A
6776717	CRT 3331-1	A	6777910	CRT 3331-3	A
6776755	CRT 3531-1	B	6777911	CRT 3331-1	A
6776756	CRT 3331-1	A	6777933	CRT 3331-1	A
6776757	CRT 3331-1	A	6777934	CRT 3331-3	A
6776758	CRT 3331-1	A	6777946	CRT 3531-1	B
6776766	CRT 3331-1	A	6777949	CRT 3331-1	A
6776814	CRT 3531-1	B	6777950	CRT 3331-1	A
6776956	CRT 3531-1	B	6777951	CRT 3331-1	A
6776983	CRT 3331-1	A	6777976	CRT 3331-1	A
6776985	CRT 3331-1	A	6778025	CRT 3331-1	A
6776986	CRT 3531-1	B	6778040	CRT 3331-1	A
6777037	CRT 3331-1	A	6778073	CRT 3331-3	A
6777038	CRT 3531-1	B	6778128	CRT 3331-3	A
6777039	CRT 3630-1	B	6778140	CRT 3630-1	B
6777039	CRT 3531-3	B	6778168	CRT 3331-1	A
6777073	CRT 3331-3	A	6778169	CRT 3331-1	A
6777088	CRT 3331-1	A	6778170	CRT 3331-3	A
6777091	CRT 3331-3	A	6778207	CRT 3531-1	B
6777092	CRT 3331-1	A	6778208	CRT 3331-3	A
6777118	CRT 3531-1	B	6778275	CRT 3331-3	A
6777127	CRT 3331-1	A	6778370	CRT 3531-3	B
6777129	CRT 3531-1	B	6778377	CRT 3331-1	A
6777130	CRT 3531-1	B	6778378	CRT 3331-1	A
6777130	CRT 3630-1	B	6778379	CRT 3331-1	A
6777153	CRT 3531-3	B	6778387	CRT 3331-1	A
6777154	CRT 3531-1	B	6778396	CRT 3331-3	A
6777168	CRT 3331-1	A	6778879	CRT 3331-1	A
6777232	CRT 3531-3	B	6778954	CRT 3531-3	B
6777269	CRT 3331-1	A	6778999	CRT 3331-1	A
6777293	CRT 3331-3	A	6779012	CRT 3531-1	B
6777294	CRT 3331-1	A	6779013	CRT 3331-1	A
6777310	CRT 3331-1	A	6779047	CRT 3331-1	A
6777417	CRT 3331-3	A	6779048	CRT 3331-1	A
6777419	CRT 3331-1	A	6779049	CRT 3531-1	B
6777444	CRT 3531-1	B	6779068	CRT 3331-1	A

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

MAIN PRESSURE REGULATOR VALVE SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6773975	CRT 3331-1	A	6775183	CRT 3331-1	A
6773976	CRT 3331-1	A	6775185	CRT 3331-1	A
6773994	CRT 3331-3	A	6775186	CRT 3331-1	A
6774040	CRT 3331-3	A	6775187	CRT 3331-1	A
6774041	CRT 3531-1	B	6775188	CRT 3331-1	A
6774047	CRT 3531-1	B	6775189	CRT 3331-1	A
6774116	CRT 3331-3	A	6775191	CRT 3331-1	A
6774121	CRT 3331-3	A	6775195	CRT 3331-1	A
6774124	CRT 3331-1	A	6775196	CRT 3331-1	A
6774145	CRT 3331-1	A	6775197	CRT 3331-1	A
6774146	CRT 3331-1	A	6775198	CRT 3331-1	A
6774150	CRT 3331-3	A	6775199	CRT 3331-1	A
6774158	CRT 3331-1	A	6775201	CRT 3331-1	A
6774159	CRT 3331-1	A	6775202	CRT 3331-1	A
6774219	CRT 3331-3	A	6775204	CRT 3331-1	B
6774221	CRT 3331-1	A	6775205	CRT 3331-1	A
6774230	CRT 3331-3	A	6775206	CRT 3331-1	A
6774273	CRT 3331-3	A	6775208	CRT 3331-1	A
6774274	CRT 3331-3	A	6775209	CRT 3331-1	A
6774275	CRT 3531-1	B	6775211	CRT 3331-1	A
6774276	CRT 3321-3	A	6775212	CRT 3331-1	A
6774277	CRT 3331-3	A	6775216	CRT 3331-1	A
6774315	CRT 3331-3	A	6775217	CRT 3321-1	A
6774319	CRT 3331-1	A	6775218	CRT 3331-3	A
6774330	CRT 3531-3	B	6775219	CRT 3331-3	A
6774332	CRT 3331-1	A	6775220	CRT 3331-3	A
6774334	CRT 3331-3	A	6775222	CRT 3331-3	A
6774447	CRT 3331-3	A	6775223	CRT 3331-3	A
6774463	CRT 3331-1	A	6775224	CRT 3331-3	A
6774484	CRT 3331-1	A	6775225	CRT 3331-3	A
6774496	CRT 3331-1	A	6775226	CRT 3331-3	A
6774567	CRT 3331-1	A	6775228	CRT 3331-3	A
6774568	CRT 3331-1	A	6775229	CRT 3331-3	A
6774585	CRT 3331-3	A	6775230	CRT 3331-3	A
6774588	CRT 3331-3	A	6775234	CRT 3331-3	A
6774641	CRT 3531-3	B	6775235	CRT 3321-3	A
6774668	CRT 3321-3	A	6775236	CRT 3321-3	A
6774669	CRT 3531-1	B	6775237	CRT 3321-3	A
6774691	CRT 3331-3	A	6775238	CRT 3321-3	A
6774699	CRT 3531-1	B	6775239	CRT 3321-3	A
6774741	CRT 3531-3	B	6775297	CRT 3331-1	A
6774743	CRT 3331-1	A	6775389	CRT 3331-1	A
6774792	CRT 3331-1	A	6775537	CRT 3531-1	B
6774875	CRT 3531-1	B	6775550	CRT 3331-1	A
6774920	CRT 3331-3	A	6775551	CRT 3331-3	A
6774921	CRT 3331-3	A	6775552	CRT 3531-1	B
6775179	CRT 3331-1	A	6775627	CRT 3331-3	A
6775180	CRT 3331-1	A	6775701	CRT 3331-1	A
6775181	CRT 3331-1	A	6775715	CRT 3331-3	A
6775182	CRT 3331-1	A	6775735	CRT 3331-3	A

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

MAIN PRESSURE REGULATOR VALVE SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6779076	CRT 3331-3	A	6830591	CRT 3331-1	A
6779077	CRT 3321-3	A	6830650	CRT 3531-3	B
6779078	CRT 3331-1	A	6830699	CRT 3331-1	A
6779085	CRT 3331-1	A	6830720	CRT 3531-1	B
6779086	CRT 3331-1	A	6831016	CRT 3331-1	A
6779104	CRT 3331-1	A	6831017	CRT 3331-3	A
6779142	CRT 3331-1	A	6831037	CRT 3331-3	A
6779143	CRT 3331-1	A	6831138	CRT 3531-3	B
6779172	CRT 3331-1	A	6831153	CRT 3531-3	B
6779173	CRT 3531-1	B	6831245	CRT 3331-3	A
6779174	CRT 3531-1	B	6831297	CRT 3331-1	A
6779180	CRT 3531-1	B	6831298	CRT 3331-1	A
6779183	CRT 3331-3	A	6831344	CRT 3531-1	B
6779188	CRT 3531-1	B	6831358	CRT 3331-1	A
6779191	CRT 3331-1	A	6831535	CRT 3331-1	A
6779217	CRT 3331-1	A	6831595	CRT 3630-1	B
6779230	CRT 3331-1	A	6831801	CRT 3331-1	A
6779234	CRT 3331-1	A	6831904	CRT 3331-1	A
6779248	CRT 3531-3	B	6831986	CRT 3331-1	A
6779250	CRT 3531-3	B	6832033	CRT 3331-1	A
6779264	CRT 3331-1	A	6832038	CRT 3531-3	B
6779313	CRT 3331-1	A	6832043	CRT 3331-1	A
6779337	CRT 3331-3	A	6832044	CRT 3331-1	A
6779424	CRT 3331-1	A	6832245	CRT 3331-1	A
6779470	CRT 3331-1	A	6832415	CRT 3331-1	A
6779502	CRT 3331-1	A	6832614	CRT 3331-1	A
6779503	CRT 3321-3	A	6832741	CRT 3531-3	B
6779541	CRT 3331-3	A	6832742	CRT 3531-3	B
6779657	CRT 3331-3	A	6832816	CRT 3331-1	A
6779676	CRT 3331-3	A	6832840	CRT 3531-1	B
6779677	CRT 3331-1	A	6832899	CRT 3331-1	A
6779765	CRT 3331-1	A	6832922	CRT 3331-1	A
6779769	CRT 3331-1	A	6832961	CRT 3331-1	A
6779795	CRT 3331-3	A	6832962	CRT 3331-1	A
6779862	CRT 3331-1	A	6833094	CRT 3331-1	A
6779891	CRT 3331-1	A	6833333	CRT 3630-1	B
6779964	CRT 3331-1	A	6833364	CRT 3331-3	A
6829988	CRT 3331-3	A	6833365	CRT 3331-3	A
6829989	CRT 3531-1	B	6833396	CRT 3331-1	A
6830405	CRT 3531-1	B	6833397	CRT 3331-1	A
6830421	CRT 3531-1	B	6833398	CRT 3331-1	A
6830422	CRT 3531-1	B	6833523	CRT 3531-1	B
6830425	CRT 3331-1	A	6833524	CRT 3331-3	A
6830485	CRT 3331-3	A	6833604	CRT 3331-3	A
6830505	CRT 3531-1	B	6833605	CRT 3331-3	A
6830554	CRT 3331-1	A	6833612	CRT 3531-1	B
6830570	CRT 3331-3	A	6833615	CRT 3331-1	A
6830586	CRT 3630-1	B	6833762	CRT 3331-1	A
6830587	CRT 3531-1	B	6833873	CRT 3531-3	B
6830590	CRT 3531-1	B	6834054	CRT 3331-1	A

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

MAIN PRESSURE REGULATOR VALVE SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6834141	CRT 3630-1	B	6838446	CRT 3630-1	B
6834146	CRT 3331-3	A	6838561	CRT 3531-1	B
6834147	CRT 3630-1	B	6838562	CRT 3531-3	B
6834190	CRT 3531-1	B	6838573	CRT 3630-1	B
6834198	CRT 3630-1	B	6838831	CRT 3531-1	B
6834308	CRT 3331-1	A	6838975	CRT 3531-1	B
6834823	CRT 3331-1	A	6839188	CRT 3531-1	B
6834953	CRT 3331-3	B	6839189	CRT 3331-1	A
6835005	CRT 3531-1	B	6839549	CRT 3331-1	A
6835013	CRT 3331-1	A	6839565	CRT 3531-1	B
6835032	CRT 3531-1	B	6839673	CRT 3331-3	A
6835091	CRT 3531-1	B	6880146	CRT 3531-3	B
6835092	CRT 3531-1	B	6880260	CRT 3331-1	A
6835118	CRT 3331-1	A	6880291	CRT 3331-1	A
6835174	CRT 3531-1	B	6880327	CRT 3331-1	A
6835529	CRT 3630-1	B	6880328	CRT 3331-1	A
6835663	CRT 3331-1	A	6880407	CRT 3331-1	A
6835778	CRT 3630-1	B	6880474	CRT 3630-1	B
6835795	CRT 3630-1	B	6880658	CRT 3531-3	B
6836004	CRT 3331-1	A	6880763	CRT 3331-1	A
6836005	CRT 3331-1	A	6881019	CRT 3331-3	A
6836006	CRT 3331-1	A	6881137	CRT 3531-3	B
6836007	CRT 3331-1	A	6881571	CRT 3630-1	B
6836031	CRT 3331-1	A	6881648	CRT 3331-1	A
6836049	CRT 3331-3	A	6882053	CRT 3331-3	A
6836205	CRT 3630-1	B	6882288	CRT 3331-1	A
6836307	CRT 3531-3	B	6882559	CRT 3331-3	A
6836350	CRT 3331-3	A	6883051	CRT 3531-1	B
6836417	CRT 3531-1	B	6883156	CRT 3531-1	B
6836422	CRT 3331-3	A	6883312	CRT 3630-1	B
6836455	CRT 3331-1	A	6883313	CRT 3531-1	B
6836461	CRT 3531-1	B	6883320	CRT 3531-3	B
6836480	CRT 3331-1	A	6883547	CRT 3531-1	B
6836507	CRT 3531-1	B	6883717	CRT 3331-1	A
6836630	CRT 3531-1	B	6883724	CRT 3531-1	B
6836671	CRT 3331-3	A	6883957	CRT 3531-3	B
6836685	CRT 3531-1	B	6884199	CRT 3531-3	B
6836768	CRT 3331-1	A	6884200	CRT 3531-3	B
6836793	CRT 3531-1	B	6884201	CRT 3531-3	B
6836794	CRT 3531-1	B	6884202	CRT 3531-3	B
6836818	CRT 3531-1	B	6884203	CRT 3531-3	B
6836834	CRT 3331-1	A	6884204	CRT 3531-3	B
6836944	CRT 3531-1	B	6884205	CRT 3531-3	B
6836945	CRT 3531-1	B	6884206	CRT 3531-3	B
6837024	CRT 3531-1	B	6884207	CRT 3531-1	B
6837104	CRT 3531-1	B	6884208	CRT 3531-1	B
6837212	CRT 3331-1	A	6884209	CRT 3531-1	B
6837353	CRT 3331-1	A	6884210	CRT 3531-1	B
6838122	CRT 3531-1	B	6884211	CRT 3531-1	B
6838291	CRT 3531-1	B	6885223	CRT 3531-1	B

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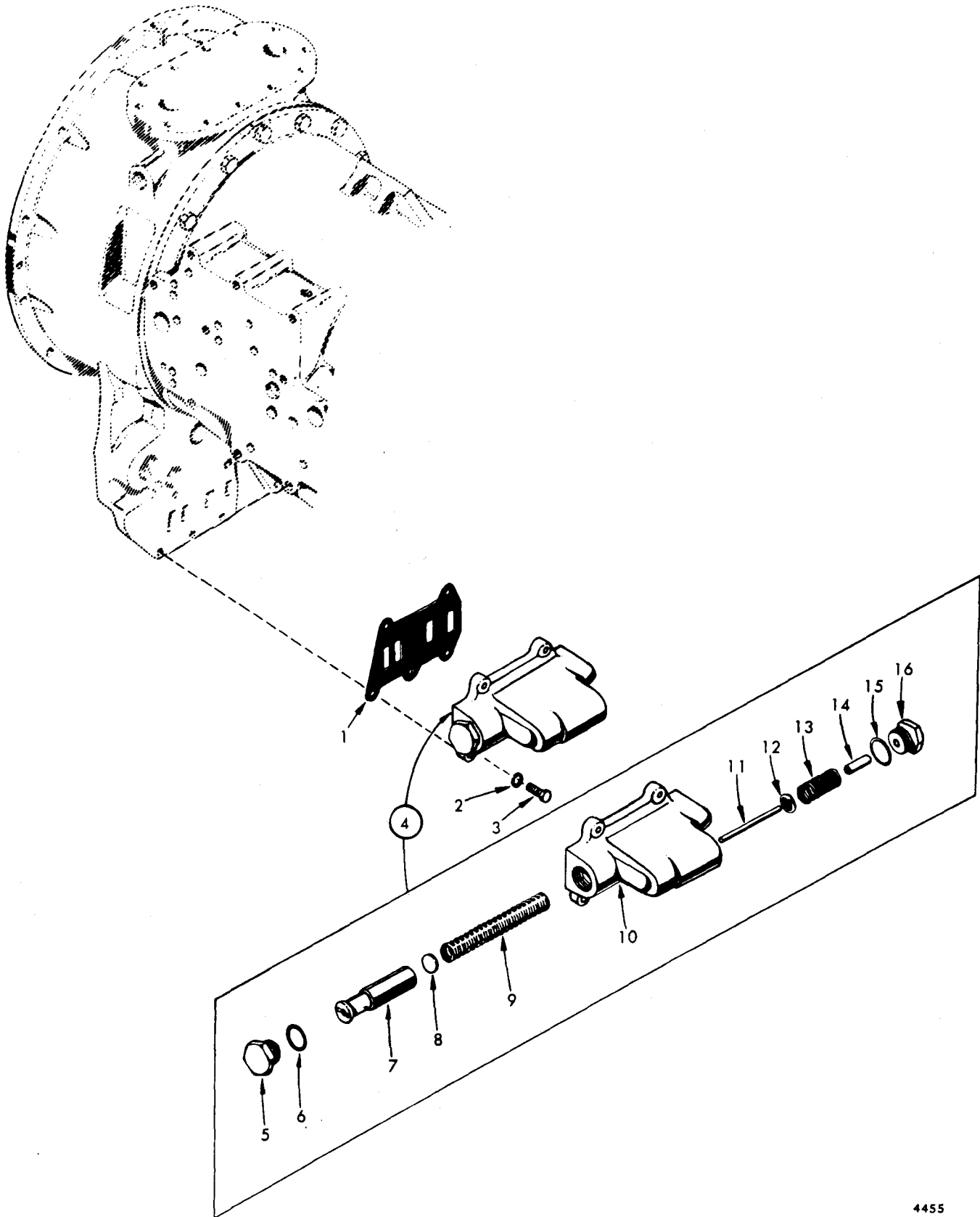
* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

MAIN PRESSURE REGULATOR VALVE SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6885489	CRT 3630-1	B			

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



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FIG 14. MAIN PRESSURE REGULATOR VALVE

GROUP A

MAIN PRESSURE REGULATOR VALVE, FIGURE 14

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	GASKET, MAIN PRESSURE REGULATOR VALVE BODY . . .	6757205	1	1	3	10
2	WASHER, LOCK, 3/8	103321	5	5	10	15
3	BOLT, HX HD, 3/8-16 X 1 1/4	179841	5	5	10	15
4	BODY ASSY, MAIN PRESSURE REGULATOR VALVE	6772431	1			1
5	PLUG, HX HD, STRAIGHT THREAD, 1 1/4-12	6756622	1		1	2
6	GASKET, PLUG	142756	1	1	3	10
7	VALVE, MAIN PRESSURE REGULATOR	23010306	1		1	2
8	SHIM, PRESSURE ADJUSTING. USE AS REQUIRED . .	6770423	AR	3	6	12
	TO OBTAIN 114-131 PSI					
9	SPRING, PRESSURE REGULATOR, 22 COILS, .875 OD, .160-.162 WIRE DIA TWO COILS PAINTED BLUE	6771288	1	1	2	4
10	BODY, MAIN PRESSURE REGULATOR VALVE. PRIOR TO S/N 21439 FOR ASSY 6771414, 6771415, 6771416 AND 6771417 AND S/N 21804 FOR ALL OTHER ASSYS WHEN REPLACING 6759472 BODY, ORDER 6772431 BODY ASSY.	6772427	1		1	2
11	PIN, RELIEF VALVE GUIDE	6772428	1		1	2
12	VALVE, PRESSURE RELIEF	6756164	1		1	2
13	SPRING, PRESSURE RELIEF VALVE, 12 COILS, . . .	6772453	1	1	2	4
	.500 ID, .100-.104 WIRE DIA					
14	TUBE, SPRING GUIDE	6772452	1		1	2
15	GASKET, PLUG	142756	1	1	3	10
16	PLUG, HX HD, STRAIGHT THREAD, 1 1/4-12	6756622	1		1	2

GROUP B

MAIN PRESSURE REGULATOR VALVE, FIGURE 14

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

4	BODY ASSY, PRESSURE REGULATOR VALVE	6772432	1			1
7	VALVE, MAIN PRESSURE REGULATOR	23010306	1		1	2
8	SHIM, PRESSURE ADJUSTING. USE AS REQUIRED . .	6770423	AR	3	6	12
	TO OBTAIN 145 TO 155 PSI					
9	SPRING, PRESSURE REGULATOR VALVE, 22 COILS, .	6771307	1	1	2	4
	.875 OD, .1605-.1635 WIRE DIA COLOR CODED YELLOW					
10	BODY, MAIN PRESSURE REGULATOR VALVE. PRIOR TO S/N 21932 FOR 3321, 3331, 3531 AND 3630 SERIES TRANSMISSIONS (EXCEPTIONS - 3331-3 SERIES PRIOR TO 21804 AND A/N 6771647 PRIOR TO S/N 21354) WHEN REPLACING 6759472 BODY, ORDER 6772432 BODY ASSY.	6772427	1		1	2

INDEX 2 ALLISON POWERSHIFT TRANSMISSION 3321, 3331, 3531 AND 3630 SERIES PARTS CATALOG

PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
103026	2	13		143938	11	15	
103026	16	12		143938	19	33	
103320	17	11		145372			R 142862
103320	17-1	10		145372	11	18	
103320	20	13		145372	19	19	
103321	2	12		145372	20	18	
103321	4	8		145643			RB 145656
103321	4	12		145643	15	12	
103321	6	3		145656			R 145643
103321	6	15		145656			RB 453577
103321	6-1	16		145657	18	10	
103321	6-1	20		145659			RB 453637
103321	6-2	2		148415	6	8	
103321	6-2	5		148415	6	12	
103321	6-2	24		148415	6-1	9	
103321	8	10		148415	6-1	14	
103321	11	21		148415	6-2	7	
103321	11	30		148415	6-2	16	
103321	11	36		179819	17	10	
103321	11	45		179819	17-1	11	
103321	11	49		179819	20	12	
103321	13	2		179837	4	9	
103321	13-1	2		179838	4	13	
103321	14	2		179838	11	50	
103321	15	3		179839	6	16	
103321	16	11		179839	6-1	17	
103321	19	8		179839	11	35	
103321	19	20		179839	11	44	
103321	20	15		179839	15	2	
103322	8	3		179839	19	21	
103322	8	7		179839	20	14	
103322	11	26		179840	11	22	
103322	19	14		179841	11	22	
103322	19	16		179841	13	4	
103323	11	30		179841	13-1	3	
103323	18	17		179841	14	3	
103323	18	19		179842	11	31	
103325	16	10		179842	19	9	
103772	13-1	27		179843	4	13	
103772	13-1	40		179843	6-2	23	
103877			RB 445684	179845	15	2	
105456	13	29		179848	6	1	
105456	13	43		179848	6-1	19	
105456	13-1	25		179848	6-2	4	
105456	13-1	42		179849	13	5	
105462			RB 6768523	179850	6	2	
106643	11	8		179850	6-1	18	
106644	11	15		179851	13-1	4	
106644	11	51		179857	11	27	
106644	19	15		179858	11	27	
115308	11	2		179861	8	4	
115308	19	40		179861	8	8	
115549	4	26		179862	19	28	
131642	19	41		179882	2	6	
139795			RB 453675	179884	11	31	
141159			RB 9421034	179885	18	16	
141199	6-2	10		179885	18	18	
142756	14	6		179892	11	30	
142756	14	15		179892	18	20	
142862			RB 145372	181343	11	1	

R - REPLACES

RB - REPLACED BY

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.

INDEX 4 ALLISON POWERSHIFT TRANSMISSION 3321, 3331, 3531 AND 3630 SERIES PARTS CATALOG

PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6700213			R 6757226	6754888	4	24	
6700213	7	11		6754994	3	5	
6700213	10	27		6754999			RB 6771296
6700213	10	34		6755007	7	28	
6703059	10	36		6755189	18	2	
6703159	13	15		6755190	18	14	
6703159	13	23		6755193	18	5	
6703159	13-1	18		6755269	1	2	
6703159	15	15		6755378			RB 6881037
6703162	13-1	14		6755403	4	2	
6750040	4	23		6755464			RB 6768902
6750231			RB 6773311	6755488	5	7	
6750259	9	8		6755670	1	17	
6750259	10	36		6755672	18	13	
6750265			RB 6882702	6755674	18	1	
6750337	9	7		6755838			RB 6769091
6750558	13	27		6755852	3	7	
6750558	13	42		6755896	3	10	
6750558	13-1	23		6755897	3	8	
6750558	13-1	44		6755897	3-1	7	
6750905	12-1	2		6755988	3	17	
6750912	13-1	34		6755988	3-1	14	
6750924	12	6		6756002	6	17	
6750924	12-1	6		6756002	6-1	21	
6750945	13-1	13		6756002	6-2	18	
6750945	13-1	30		6756002	6-2	28	
6751630	18	8		6756030			R 6756030
6751631	18	7		6756030			RB 6756030
6751632	9	23		6756030			RB 6836301
6751632	12	22		6756030	4	50	
6751633	9	24		6756072			RB 6774695
6751633	12	23		6756124	6-2	14	
6751634	9	22		6756164	14	12	
6751634	12	21		6756348			RB 6774572
6752033	17	9		6756388	18	11	
6752033	20	11		6756396	18	3	
6752035	17	7		6756544			R 6757754
6752035	17-1	7		6756544			RB 6773842
6752035	20	9		6756586	7	9	
6753487	4	42		6756593			RB 6770811
6753544			RB 6774188	6756622	14	5	
6753866	5	1		6756622	14	16	
6753938			RB 6773373	6756654			RB 6838450
6754299	5	5		6756665			RB 6838457
6754314	5	3		6756667			RB 6838458
6754707			RB 6772661	6756835	12	10	
6754783	9	21		6756835	12	18	
6754783	12	20		6757148	7	36	
6754815	9	9		6757149	7	13	
6754815	9	12		6757152	7	12	
6754815	10	36		6757153	6	5	
6754832	9	11		6757155			RB 6770953
6754852	7	26		6757157	7	34	
6754852	10	3		6757159	4	25	
6754866			RB 6770955	6757160			RB 6768444
6754866	7	23		6757161			RB 6768445
6754866	10	4		6757162	6	14	
6754867	7	25		6757162	6-1	11	
6754867	10	2		6757163	6	10	
6754882			RB 6772068	6757164	7	20	

R - REPLACES

RB - REPLACED BY

ALLISON POWERSHIFT TRANSMISSION 3321, 3331, 3531 AND 3630 SERIES PARTS CATALOG INDEX 3

PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
181365			RB 9409036	499204			RB 6833388
181379	2	2		901210			R 903210
181397		17		901210	5	12	
181413	19	32		903010	2	11	
181429	3	11		903010	2	16	
186271	5	8		903010	2-1	6	
186283	13	1		903010	2-1	9	
186284	6-2	1		903010	2-2	7	
186628			R 454914	903010	2-2	10	
186628	8	11		903202			R 954498
271505	19	13		903202			RB 907411
271556	16	9		903207			RB 907808
272808			RB 272858	903208	2	11	
272853	19	24		903208	2-1	6	
272853	20	20		903208	2-2	7	
272855	11	10		903209			R 6758621
272855	11	12		903209	4	32	
272858			R 272808	903209	4	46	
272858	4	14		903210			RB 901210
443767	6	7		903211	2	5	
443767	6-1	8		903213	12	8	
444576			RB 444618	903213	15	7	
444592			RB 444594	903215	19	3	
444594			R 444592	903216	12	1	
444594	11	34		903216	12-1	1	
444594	11	42		903311	12	8	
444594	19	35		903311	15	7	
444612	13	24		903312	12	14	
444618			R 444576	903312	12-1	9	
444618	5	6		903313	18	12	
444618	11	16		907411			R 903202
444618	19	34		907411	17	4	
444660	13	7		907411	17-1	4	
444672	4	35		907411	20	6	
444672	4	38		907808			R 903207
444672	6-2	25		907808	4	22	
444678	4	39		907833			R 9419967
444678	6-2	26		907833			RB 907843
444678	11	41		907834			R 9417910
445684			R 103877	907834			RB 907851
445684	13-1	20		907843			R 907833
445684	13-1	29		907843	3-1	12	
445686	19	29		907851			R 907834
445751	4	36		907851	3	13	
451006	2	10		954498			RB 903202
451006	2-1	4		954727	9	15	
451006	2-2	5		954924	7	35	
453577			R 145656	3224773	17	8	
453577	13	17		3224773	17-1	8	
453577	13-1	8		3224773	20	10	
453637			R 145659	5150829	6-1	25	
453637	13	9		5150829	6-2	22	
453637	13	12		5171417	18	9	
453637	13-1	15		5178994			RB 6835718
453675			R 139795	5192276			RB 6772115
453675	13-1	17		5576443			R 6757767
453676	6-1	2		5576443			RB 5576445
454914			RB 186628	5576445			R 5576443
455862	17	2		5576445	11	5	
455862	20	4		5576445	19	38	

R - REPLACES

RB - REPLACED BY

INDEX 6 ALLISON POWERSHIFT TRANSMISSION 3321, 3331, 3531 AND 3630 SERIES PARTS CATALOG

PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6758237	4	16		6759537	15	6	
6758238	11	37		6759539			RB 6777403
6758259	16	7		6759540			RB 6830403
6758260	16	5		6759540	12	9	
6758261	16	6		6759541	4	28	
6758262	16	4		6759543			RB 6772431
6758274			RB 6772407	6759544	13-1	5	
6758284			RB 6768903	6759547			R 6757343
6758304	13-1	26		6759547	4	10	
6758304	13-1	41		6759551			RB 6838459
6758305			RB 6771914	6759554			RB 6769910
6758305	13	41		6759869	11	33	
6758305	13-1	43		6759869	15	19	
6758306	13	30		6759870	12	9	
6758306	13-1	21		6759871	12	7	
6758373	12	2		6759871	15	8	
6758373	12-1	2		6759873	15	10	
6758374	12	12		6759874	15	16	
6758374	12-1	8		6759875	12	11	
6758391	9	20		6759876	12	15	
6758529	6-2	8		6759877			RB 6772724
6758530	6-2	11		6759878	12	16	
6758568	6-2	12		6759897	15	20	
6758621			RB 903209	6759898	15	4	
6758621	4	40		6759967	3-1	8	
6759024			RB 6771855	6763299	4	19	
6759025			RB 6832384	6764333	6-1	23	
6759025			RB 6835757	6764333	6-2	20	
6759469	10	6		6764780	4	30	
6759470	10	10		6768245			RB 6769681
6759471			RB 6777453	6768267			RB 6832907
6759472			RB 6772427	6768270	12	13	
6759473	10	9		6768271	3	15	
6759480	5	15		6768272	3	14	
6759481	11	40		6768283	9	5	
6759481	19	7		6768324	1	3	
6759484			RB 6770873	6768385			R 6757307
6759485	10	38		6768385			RB 6771913
6759486			RB 6769668	6768444			R 6757160
6759490			RB 6769558	6768444			RB 6768804
6759491	9	6		6768445			R 6757161
6759492			RB 6769586	6768445			RB 6777452
6759493			RB 6777016	6768446			R 6757183
6759494	10	23		6768446			R 6775541
6759498			RB 6769643	6768446	7	6	
6759499	13-1	1		6768446	7	17	
6759504			RB 6833930	6768446	9	29	
6759507			RB 6830404	6768446	9	31	
6759507	12	11		6768446	10	15	
6759508			RB 6777015	6768446	10	21	
6759509			RB 6837422	6768450	7	4	
6759513	8	5		6768451			RB 6768806
6759515			RB 6768805	6768453			R 6757190
6759516			RB 6769560	6768453			RB 6768808
6759517	11	25		6768472			RB 6769996
6759519	10	1		6768523			R 105462
6759526			RB 6773336	6768523	13-1	12	
6759527			RB 6770930	6768543			R 6757633
6759537			R 6757174	6768543	1	5	
6759537			RB 6777391	6768719	19	1	

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PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6757165	6	4		6757283	20	8	
6757168			RB 6769584	6757287	17	1	
6757172	12	15		6757287	20	3	
6757172	12-1	12		6757290			RB 6771854
6757173	12	16		6757291	11	23	
6757173	12-1	13		6757297	6	11	
6757174			RB 6759537	6757298	6	13	
6757175			RB 6769529	6757307			RB 6768385
6757178	8	1		6757313	3	16	
6757183			RB 6768446	6757314	17	3	
6757184	1	3		6757314	20	5	
6757188			RB 6772725	6757324	6	9	
6757189			RB 6837508	6757327			RB 6771288
6757190			RB 6768453	6757343			RB 6759547
6757193			RB 6776769	6757346	11	38	
6757194	6	6		6757346	11	43	
6757195			RB 6776770	6757347	11	46	
6757197			RB 6771337	6757352	11	11	
6757205	14	1		6757357	16	1	
6757217	11	20		6757374			RB 9411628
6757218	11	19		6757382	11	4d	
6757219	8	6		6757397			RB 6779249
6757220	3	16		6757398			RB 6779249
6757224	15	5		6757429			RB 6770548
6757226			RB 6700213	6757572	1	5	
6757227	7	27		6757633			RB 6768543
6757228			RB 6772187	6757633	1	5	
6757228	15	17		6757712			R 6769071
6757229			R 6775127	6757712			RB 6772408
6757229			RB 6775517	6757713			RB 6769453
6757229	9	3		6757754			RB 6756544
6757229	11	9		6757763			RB 6769995
6757229	19	12		6757767			RB 5576443
6757229	20	1		6757774	11	4	
6757230	2	7		6757774	19	37	
6757230	3	12		6757779			RB 6773206
6757233	7	19		6757788			RB 6774344
6757235			RB 6773806	6757854			RB 6775127
6757238	11	39		6757993			RB 6777404
6757243	1	2		6758021			RB 6838451
6757244			RB 6830402	6758030	2	4	
6757244	15	9		6758042	4	1	
6757245	15	10		6758125	4	43	
6757246	15	16		6758148	1	5	
6757249			RB 6769532	6758149	15	4	
6757249	15	11		6758151			RB 6769178
6757251	13-1	28		6758153	1	7	
6757251	13-1	39		6758172	6-2	13	
6757254	2	3		6758173	6-2	3	
6757256	2	8		6758185	1	8	
6757258			RB 6769642	6758185	1	15	
6757260	13-1	35		6758192	6-1	15	
6757261			RB 6769641	6758194	6-1	13	
6757262	13-1	9		6758194	6-2	15	
6757263	13-1	7		6758195	19	27	
6757264	13-1	19		6758216	4	7	
6757267			RB 6769733	6758218	19	22	
6757268			RB 6770092	6758218	20	16	
6757283	17	6		6758235	4	15	
6757283	17-1	6		6758236	4	11	

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PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6768721			RB 6773271	6769584			R 6757168
6768722	19	5		6769584	5	9	R 6769586
6768723	19	2		6769585			
6768724			RB 6770074	6769585	4	31	R 6759492
6768725	13-1	5		6769586			RB 6769585
6768727	3	2		6769586	4	41	
6768728			RB 6769645	6769590	4	29	
6768730	19	6		6769641			R 6757261
6768733	19	26		6769641	13-1	31	
6768804			R 6768444				
				6769642			R 6757258
6768804			RB 6830429	6769642	13-1	36	R 6759498
6768805			R 6759515	6769643			
6768805			RB 6836080	6769643	13-1	16	
6768806			R 6768451	6769643	13-1	31	R 6768728
6768806			RB 6773609	6769645			
6768808			R 6768453	6769645	13-1	38	R 6759486
6768808			RB 6773610	6769668			RB 6772568
6768902			R 6755464	6769668			RB 6772567
6768902	3	6		6769677			
6768903			R 6758284				
				6769681			R 6768245
6768903	3	2		6769681			RB 6832803
6768967	19	25		6769715	7	24	
6768967	20	21		6769715	10	5	
6768968	19	31		6769716			RB 6779422
6768970			RB 6777791	6769717			RB 6771478
6768988	7	14		6769733			R 6757267
6768988	10	19		6769733			RB 6776764
6769071			RB 6757712	6769817	1	11	
6769091			R 6755838	6769818	2-1	3	
6769091			RB 6769856				
				6769843			R 6769225
6769159	6-2	6		6769843	1	9	
6769160	6-2	9		6769851	4	33	
6769178			R 6758151	6769856			R 6769091
6769178			RB 6832386	6769856	3	9	
6769178			RB 6834833	6769876			RB 6775414
6769178	1	10		6769910			R 6759554
6769197	1	11		6769910	4	34	
6769225			RB 6769843	6769936			R 6769936
6769226	1	9		6769936			RB 6769936
6769385	15	20					
				6769936	8	2	
6769386	15	10		6769962			RB 6771637
6769402	13	19		6769994	11	7	
6769402	13	21		6769995			R 6757763
6769402	13-1	10		6769995	11	3	
6769402	13-1	33		6769995	19	39	
6769413	6-2	17		6769996			R 6768472
6769426	13-1	32		6769996	11	6	
6769440	13-1	32		6769996	19	36	
6769453			R 6757713	6769998	13-1	5	
6769453	3	1					
				6769999	13-1	16	
6769529			R 6757175	6770038	1	13	
6769529	4	18		6770044	12	11	
6769532			R 6757249	6770045	15	9	
6769532	15	11		6770046	12	9	
6769558			R 6759490	6770074			R 6768724
6769558	8	9		6770074	19	4	
6769558	8	12		6770092			R 6757268
6769560			R 6759516	6770092			RB 6772723
6769560	7	16		6770099	1	12	
6769560	10	17					

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PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6770169	11	13		6771337			R 6757197
6770171	1	6		6771337			RB 6776157
6770172	1	9		6771378	13	44	
6770298	13	33		6771378	13-1	28	
6770423	14	8		6771378	13-1	45	
6770548			R 6757429	6771379	13-1	5	
6770548			RB 6771289	6771380			R 6774612
6770811			R 6756593	6771380			RB 6779600
6770811	19	30		6771398	13-1	5	
6770868	7	37		6771478			R 6769717
6770873			R 6759484	6771478	10	26	
6770873			RB 6777561	6771478	10	35	
6770881	3-1	11		6771637			R 6769962
6770882	3-1	10		6771637			RB 6773332
6770885			RB 6774615	6771637			RB 6773797
6770887	4	47		6771675	16	2	
6770888			RB 6880369	6771730	10	7	
6770890	7	22		6771731	10	39	
6770894	9	5		6771732	9	13	
6770896	10	23		6771737	10	1	
6770897	7	21		6771738	6-1	24	
6770898	3-1	16		6771738	6-2	21	
6770899	10	29		6771807	9	16	
6770902	4	44		6771854			R 6757290
6770903			R 6774608	6771854	1	5	
6770903			RB 6779598	6771855			R 6759024
6770904	10	24		6771855			RB 6832669
6770905	12	2		6771855	1	5	
6770905	12-1	2		6771913			R 6768385
6770919	2	15		6771913	13	28	
6770919	2-1	8		6771913	13-1	22	
6770919	2-2	9		6771914			R 6758305
6770930			R 6759527	6771914	13	26	
6770930			RB 6773334	6771914	13-1	24	
6770953			R 6757155	6771957	6	19	
6770953	10	28		6771957	6-2	29	
6770953	10	32		6771957	21	4	
6770955			R 6754866	6771961	6-1	22	
6770955	10	25		6771961	6-2	19	
6770955	10	33		6772027	4	37	
6771148	1	12		6772041			RB 6773644
6771190	6-1	7		6772042			RB 6773645
6771197	6-1	10		6772043	13	31	
6771198			RB 6830538	6772044			RB 6772052
6771199	6-1	12		6772045	13	37	
6771202	6-1	3		6772046	13	35	
6771203	6-1	1		6772047			RB 6773631
6771207	6-1	5		6772047			RB 6773641
6771209			RB 6830537	6772049	13	32	
6771288			R 6757327	6772050			RB 6880484
6771288	14	9		6772051	13	38	
6771289			R 6770548	6772052			R 6772044
6771289			R 6772429	6772052	13	36	
6771289			RB 6772429	6772053	13	14	
6771289			RB 23010306	6772054	13	11	
6771296			R 6754999	6772055	13	34	
6771296	3	3		6772056	13	22	
6771307	14	9		6772057	13	3	
6771309			RB 6772433	6772059	13	18	
6771323			RB 6774497	6772063	13	8	

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PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6772066	13	8		6772944	12	19	
6772067	13	16		6772945	11	55	
6772068			R 6754882	6772952	11	53	
6772068			RB 6775437	6772955	11	54	
6772069	13	20		6772961	9	18	
6772078	13	25		6772962	12	17	
6772078	13	40		6773206			R 6757779
6772086			RB 6773333	6773206			RB 6774343
6772115			R 5192276	6773268	19	1	
6772115	13-1	11		6773269	19	2	
6772140	1	4		6773270	19	4	
6772141	1	4		6773271			R 6768721
6772169			RB 6773797	6773271	19	11	
6772179	11	29		6773272	9	27	
6772183	15	13		6773275	1	10	
6772184	15	13		6773277	19	7	
6772187			R 6757228	6773292	19	10	
6772187			RB 6832387	6773296	2-2	6	
6772187	15	14		6773311			R 6750231
6772189	11	14		6773311	15	1	
6772190	11	28		6773311	18	15	
6772192			R 6772193	6773332			R 6771637
6772192	11	14		6773332	11	14	
6772193			RB 6772192	6773333			R 6772086
6772407			R 6758274	6773333	11	14	
6772407			RB 6830463	6773334			R 6770930
6772407	2	9		6773334	11	14	
6772408			R 6757712	6773335			R 6778515
6772408			RB 6830464	6773335			RB 6773336
6772408	2-1	5		6773336			R 6759526
6772427			R 6759472	6773336			R 6773335
6772427	14	10		6773336	11	14	
6772428	14	11		6773373			R 6753938
6772429			R 6771289	6773373			RB 6775576
6772429			RB 6771289	6773456	2-2	8	
6772431			R 6759543	6773609			R 6768806
6772431	14	4		6773609			RB 6836079
6772432			R 6772433	6773610			R 6768808
6772432	14	4		6773610			RB 6836078
6772433			R 6771309	6773631			R 6772047
6772433			RB 6772432	6773631	13	10	
6772452	14	14		6773641			R 6772047
6772453	14	13		6773641	13	13	
6772567			R 6769677	6773644			R 6772041
6772567			RB 6773858	6773644	13	6	
6772568			R 6769668	6773645			R 6772042
6772568			RB 6772649	6773645	13	6	
6772649			R 6772568	6773646	13	6	
6772649			RB 6773857	6773683	17-1	1	
6772661			R 6754707	6773684	17-1	3	
6772661	4	5		6773685	9	28	
6772723			R 6770092	6773686	17-1	9	
6772723			RB 6776589	6773797			R 6771637
6772724			R 6759877	6773797			R 6772169
6772724	9	14		6773797	11	14	
6772725			R 6757188	6773806			R 6757235
6772725	9	17		6773806	10	8	
6772940	11	52		6773842			R 6756544
6772942	18	6		6773842	5	11	
6772943	9	19		6773844	4	49	

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PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6773855	4	48		6775576	19	10	
6773857			R 6772649	6775824	19	42	
6773857	5	10		6775964			RB 6777408
6773858			R 6772567	6776157			R 6771337
6773858	5	13		6776157	9	2	
6773859			RB 6777880	6776536	2-2	4	
6774007			RB 6777448	6776589			R 6772723
6774008			R 6774107	6776589	9	14	
6774008	2-2	6		6776745			R 6774346
6774012	2-2	2		6776745			RB 6776995
6774107			RB 6774008	6776750			RB 6776998
6774188			R 6753544	6776764			R 6769733
6774188	4	4		6776764			RB 6836300
6774220	9	25		6776769			R 6757193
6774343			R 6773206	6776769	7	22	
6774343			RB 6776995	6776770			R 6757195
6774344			R 6757788	6776770	7	21	
6774344			RB 6776998	6776818			R 6774622
6774346			RB 6776745	6776818	3-1	1	
6774497			R 6771323	6776830	3-1	13	
6774497	4	3		6776995			R 6774343
6774572			R 6756348	6776995			R 6776745
6774572	13-1	6		6776995	7	1	
6774572	15	18		6776995	7	30	
6774608			RB 6770903	6776995	10	11	
6774611	4	18		6776995	10	37	
6774612			RB 6771380	6776996	9	4	
6774615			R 6770885	6776998			R 6774344
6774615			R 6777376	6776998			R 6776750
6774615	3-1	1		6776998	7	3	
6774622			RB 6776818	6776998	7	32	
6774695			R 6756072	6776998	10	13	
6774695			RB 6881547	6777015			R 6759508
6774739	1	10		6777015	10	30	
6774740	1	10		6777016			R 6759493
6774847	3-1	6		6777016	10	31	
6774962			RB 6836585	6777360	10	25	
6774966	3-1	5		6777361			RB 6836331
6774968	3-1	4		6777362	10	28	
6775081	13	36		6777365	10	10	
6775082	13	18		6777376			RB 6774615
6775083	13	22		6777377	10	23	
6775084	1	12		6777391			R 6759537
6775085	13	6		6777391	12	3	
6775086	13	20		6777391	12-1	3	
6775087	13	16		6777403			R 6759539
6775127			R 6757854	6777403	11	24	
6775127			RB 6757229	6777404			R 6757993
6775414			R 6769876	6777404	12	5	
6775414	2-1	1		6777404	12-1	5	
6775437			R 6772068	6777408			R 6775964
6775437	7	15		6777408			RB 6779331
6775437	10	18		6777415			RB 6777449
6775517			R 6757229	6777448			R 6774007
6775517	9	1		6777448	2-2	3	
6775541			RB 6768446	6777449			R 6777415
6775576			R 6773373	6777449	2-2	4	
6775576	2	1		6777452			R 6768445
6775576	11	32		6777452	7	2	
6775576	15	1		6777452	7	31	

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PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6777453			R 6759471	6832384			RB 6832959
6777453	10	12		6832386			R 6769178
6777561			R 6770873	6832386			RB 6832957
6777561	9	10		6832387	15	14	R 6772187
6777629	10	26		6832669			R 6771855
6777649	3	14		6832669			RB 6832960
6777650	5	13		6832803			R 6769681
6777652	5	9		6832803			RB 6833527
6777791			R 6768970	6832907			R 6768267
6777791	19	23					
6777791	20	19		6832907			RB 6838494
6777880			R 6773859	6832957			R 6832386
6777880	5	14		6832957	1	10	
6778020	9	26		6832959			R 6832384
6778059	5	10		6832959	1	5	
6778060	6-1	4		6832960			R 6832669
6778061	6-1	6		6832960	1	5	
6778062	6-1	7		6833388			R 499204
6778240	12	12		6833388	13-1	37	
6778240	12-1	8		6833493	13-1	5	
6778241	12	2		6833527			R 6832803
6778241	12-1	2		6833527	5	2	
6778515			RB 6773335	6833930			R 6759504
6779244	6-2	27		6833930			RB 6837690
6779249			R 6757397	6834833			R 6769178
6779249			R 6757398	6834833	1	14	
6779249	12-1	7		6835629	1	4	
6779331			R 6777408	6835630	1	4	
6779331			RB 6837171	6835718			R 5178994
6779422			R 6769716	6835718	11	34	
6779422	7	10		6835757			R 6759025
6779456	10	29		6835757			RB 6838681
6779464	10	24		6836020	20	2	
6779598			R 6770903	6836076			R 6830429
6779598	3-1	13		6836076	7	29	
6779600			R 6771380	6836076	10	16	
6779600	3-1	13		6836078			R 6773610
6779678	12	2		6836078			RB 6837507
6779678	12-1	2		6836079			R 6773609
6830074	12-1	10		6836079			RB 6837508
6830139	12	24		6836080			R 6768805
6830402			R 6757244	6836080	10	22	
6830402	15	9		6836300			R 6776764
6830403			R 6759540	6836300	4	20	
6830403	12	9		6836301			R 6756030
6830404			R 6759507	6836301	4	21	
6830404	12	11		6836331			R 6777361
6830429			R 6768804	6836331	10	22	
6830429			RB 6836076	6836585			R 6774962
6830463			R 6772407	6836585	3-1	2	
6830463	2	14		6837171			R 6779331
6830464			R 6772408	6837171			RB 6880385
6830464	2-1	7		6837422			R 6759509
6830537			R 6771209	6837422	9	30	
6830537	6-1	4		6837422	9	32	
6830538			R 6771198	6837507			R 6836078
6830538	6-1	6		6837507	7	7	
6832041	11	56		6837508			R 6757189
6832042	12-1	11		6837508			R 6836079
6832384			R 6759025	6837508	7	8	

R - REPLACES

RB - REPLACED BY

INDEX 12 ALLISON POWERSHIFT TRANSMISSION 3321, 3331, 3531 AND 3630 SERIES PARTS CATALOG

PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6837607			R 7450737	9409079	4	45	
6837607	3	4		9409079	7	33	
6837690			R 6833930	9409131	16	8	
6837690	7	5		9409258			RB 9409052
6837690	7	18		9409513	5	16	
6837690	10	14		9411628			R 6757374
6837690	10	20		9411628			RB 9417910
6838450			R 6756654	9412270	2-1	2	
6838450		2		9417499	3-1	3	
6838451			R 6758021	9417910			R 9411628
6838451	21	1		9417910			RB 907834
6838457			R 6756665	9419967			RB 907833
6838457	21	3		9421034			R 141159
6838458			R 6756667	9421034	17-1	2	
6838458	21	3		23010306			R 6771289
6838459			R 6759551	23010306	14	7	
6838459	21	3					
6838494			R 6832907				
6838494	11	17					
6838494	19	18					
6838494	20	17					
6838681			R 6835757				
6838681	1	5					
6880369			R 6770888				
6880369	3-1	15					
6880385			R 6837171				
6880385			RB 6880640				
6880484			R 6772050				
6880484	13	39					
6880640			R 6880385				
6880640	1	16					
6881037			R 6755378				
6881037	4	6					
6881547			R 6774695				
6881547	6	18					
6882079			R 8347398				
6882079	4	17					
6882702			R 6750265				
6882702	11	47					
7450552			RB 7451564				
7450737			R 8347400				
7450737			RB 6837607				
7451564			R 7450552				
7451564	12	4					
7451564	12-1	4					
7994981	18	4					
8347398			RB 6882079				
8347400			RB 7450737				
8522609	5	4					
8894450	17	5					
8894450	17-1	5					
8894450	20	7					
9030126	16	3					
9409021	3-1	9					
9409036			R 181365				
9409036	1	1					
9409052			R 9409258				
9409052	2-2	1					
9409059	1	1					
9409079	4	27					

R - REPLACES

RB - REPLACED BY

GROUP A

PARKING BRAKE, FIGURE 16

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	BRAKE ASSY, PARKING	6757357	1			1
2	PLATE, BRAKE BACKING	6771675	1			1
3	ROLLER	9030126	1		1	2
4	SHOE & LINING	6758262	2	2	4	6
5	SPRING, BRAKE SHOE RETURN	6758260	2	2	4	6
6	LEVER, OPERATING CAM	6758261	1		1	2
7	DRUM, BRAKE	6758259	1		1	2
8	BOLT, HEX HD, 3/8-24 X 3/4	9409131	8	8	16	24
9	BOLT, HEX HD, 5/8-11 X 1 1/4	271556	3	3	6	9
10	WASHER, LOCK, 5/8	103325	3	3	6	9

GROUP B

PARKING BRAKE, FIGURE 16

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

8 NOT USED IN THIS GROUP

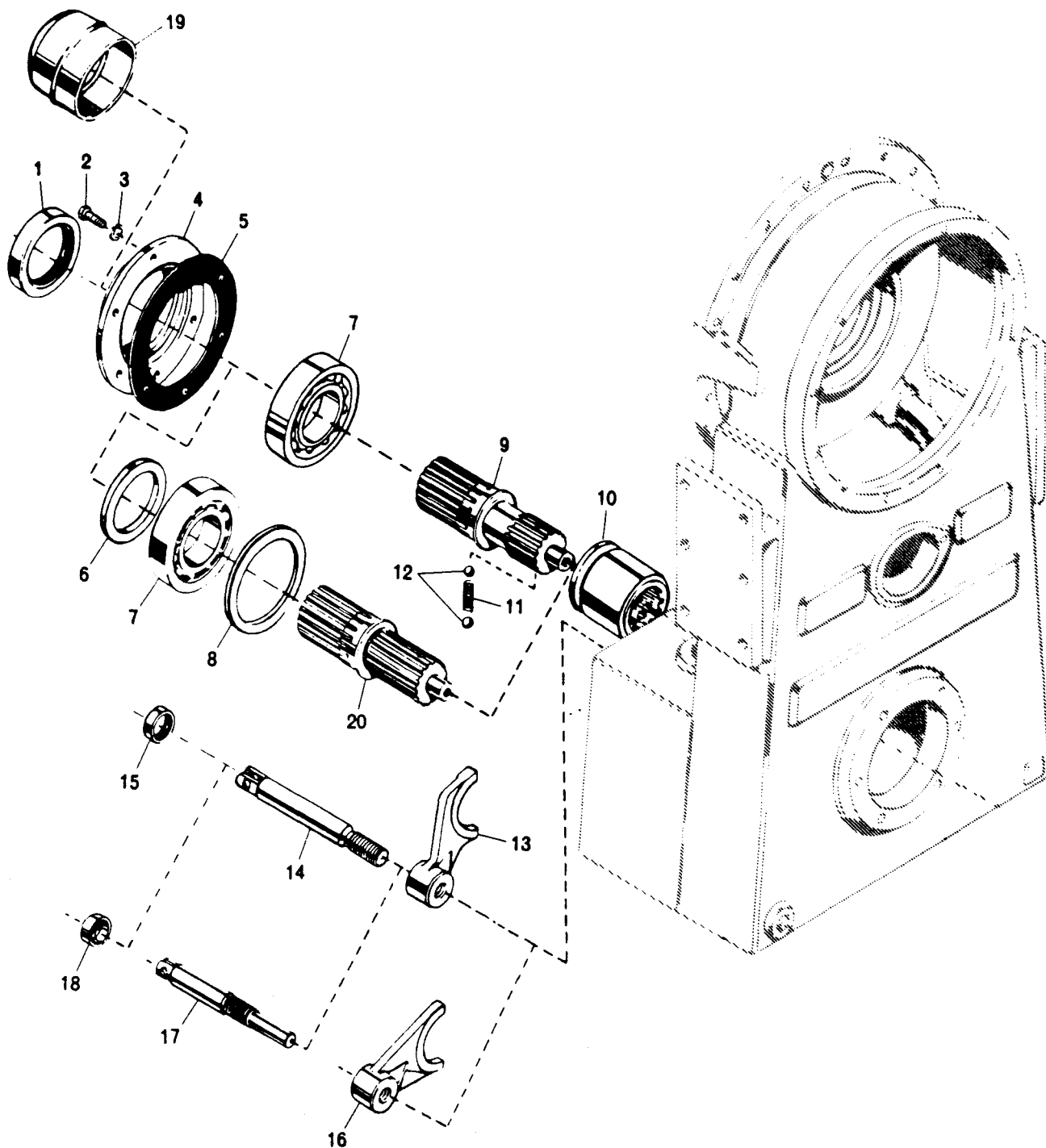
GROUP C

PARKING BRAKE, FIGURE 16

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

8 NOT USED IN THIS GROUP.

11	WASHER, LOCK, 3/8	103321	8	8	16	24
12	NUT, HEX HD, 3/8 - 24	103026	8	8	16	24



4456A

FIG 15. FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6880407	CRT 3331-1	D	6883547	CRT 3531-1	B
6880474	CRT 3630-1	D	6883717	CRT 3331-1	B
6880763	CRT 3331-1	A	6883724	CRT 3531-1	A
6881571	CRT 3630-1	A	6884207	CRT 3531-1	A
6881648	CRT 3331-1	C	6884208	CRT 3531-1	C
6882288	CRT 3331-1	D	6884209	CRT 3531-1	A
6883051	CRT 3531-1	A	6884210	CRT 3531-1	A
6883156	CRT 3531-1	B	6884211	CRT 3531-1	D
6883312	CRT 3630-1	D	6885223	CRT 3531-1	A
6883313	CRT 3531-1	A	6885489	CRT 3630-1	D

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

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6830405	CRT 3531-1	A	6835005	CRT 3531-1	M
6830421	CRT 3531-1	D	6835013	CRT 3331-1	A
6830422	CRT 3531-1	D	6835032	CRT 3531-1	D
6830425	CRT 3331-1	A	6835091	CRT 3531-1	A
6830505	CRT 3531-1	A	6835092	CRT 3531-1	A
6830554	CRT 3331-1	A	6835118	CRT 3331-1	C
6830586	CRT 3630-1	A	6835174	CRT 3531-1	A
6830587	CRT 3531-1	A	6835529	CRT 3630-1	D
6830590	CRT 3630-1	A	6835663	CRT 3331-1	D
6830591	CRT 3331-1	A	6835778	CRT 3630-1	A
6830699	CRT 3331-1	D	6835795	CRT 3630-1	A
6830720	CRT 3531-1	A	6836004	CRT 3331-1	B
6831016	CRT 3331-1	B	6836005	CRT 3331-1	B
6831257	CRT 3331-1	A	6836006	CRT 3331-1	B
6831298	CRT 3331-1	A	6836007	CRT 3331-1	A
6831344	CRT 3531-1	A	6836031	CRT 3331-1	A
6831358	CRT 3331-1	D	6836205	CRT 3630-1	D
6831535	CRT 3331-1	A	6836417	CRT 3531-1	A
6831595	CRT 3630-1	A	6836455	CRT 3331-1	A
6831801	CRT 3331-1	L	6836461	CRT 3531-1	A
6831904	CRT 3331-1	A	6836480	CRT 3331-1	C
6831986	CRT 3331-1	A	6836507	CRT 3531-1	A
6832033	CRT 3331-1	A	6836630	CRT 3531-1	B
6832043	CRT 3331-1	D	6836685	CRT 3531-1	A
6832044	CRT 3331-1	C	6836768	CRT 3331-1	A
6832245	CRT 3331-1	A	6836793	CRT 3531-1	D
6832415	CRT 3331-1	A	6836794	CRT 3531-1	D
6832614	CRT 3331-1	C	6836818	CRT 3531-1	A
6832816	CRT 3331-1	A	6836834	CRT 3331-1	A
6832840	CRT 3531-1	A	6836944	CRT 3531-1	A
6832899	CRT 3331-1	A	6836945	CRT 3531-1	A
6832922	CRT 3331-1	A	6837024	CRT 3531-1	A
6832961	CRT 3331-1	D	6837104	CRT 3531-1	A
6832962	CRT 3331-1	D	6837212	CRT 3331-1	C
6833094	CRT 3331-1	M	6837353	CRT 3331-1	A
6833333	CRT 3630-1	D	6838122	CRT 3531-1	A
6833396	CRT 3331-1	D	6838291	CRT 3531-1	A
6833397	CRT 3331-1	D	6838446	CRT 3630-1	A
6833398	CRT 3331-1	D	6838561	CRT 3531-1	A
6833523	CRT 3531-1	A	6838573	CRT 3630-1	A
6833612	CRT 3531-1	A	6838831	CRT 3531-1	B
6833615	CRT 3331-1	D	6838975	CRT 3531-1	A
6833762	CRT 3331-1	A	6839188	CRT 3531-1	B
6834054	CRT 3331-1	B	6839189	CRT 3331-1	C
6834141	CRT 3630-1	D	6839549	CRT 3331-1	D
6834147	CRT 3630-1	D	6839565	CRT 3531-1	D
6834190	CRT 3531-1	A	6880260	CRT 3331-1	D
6834198	CRT 3630-1	A	6880291	CRT 3331-1	A
6834308	CRT 3331-1	A	6880327	CRT 3331-1	D
6834823	CRT 3331-1	D	6880328	CRT 3331-1	D

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

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6775552	CRT 3531-1	D	6777946	CRT 3531-1	M
67757C1	CRT 3331-1	A	6777949	CRT 3331-1	A
6775826	CRT 3531-1	A	6777950	CRT 3331-1	D
6775987	CRT 3531-1	A	6777951	CRT 3331-1	A
6776529	CRT 3531-1	A	6777976	CRT 3331-1	M
6776572	CRT 3531-1	A	6778025	CRT 3331-1	A
6776606	CRT 3531-1	A	6778040	CRT 3331-1	A
6776607	CRT 3531-1	A	6778140	CRT 3630-1	A
6776655	CRT 3331-1	K	6778168	CRT 3331-1	A
6776717	CRT 3331-1	A	6778169	CRT 3331-1	A
6776755	CRT 3531-1	A	6778207	CRT 3531-1	A
6776756	CRT 3331-1	A	6778377	CRT 3331-1	D
6776757	CRT 3331-1	A	6778378	CRT 3331-1	A
6776758	CRT 3331-1	D	6778379	CRT 3331-1	D
6776766	CRT 3331-1	A	6778387	CRT 3331-1	A
6776814	CRT 3531-1	A	6778879	CRT 3331-1	A
6776956	CRT 3531-1	A	6778999	CRT 3331-1	A
6776983	CRT 3331-1	A	6779012	CRT 3531-1	A
6776985	CRT 3331-1	A	6779013	CRT 3331-1	A
6776986	CRT 3531-1	A	6779047	CRT 3331-1	A
6777037	CRT 3331-1	A	6779048	CRT 3331-1	A
6777038	CRT 3531-1	A	6779049	CRT 3531-1	A
6777038	CRT 3630-1	A	6779068	CRT 3331-1	A
6777088	CRT 3331-1	D	6779078	CRT 3331-1	B
6777092	CRT 3331-1	A	6779085	CRT 3331-1	A
6777118	CRT 3531-1	A	6779086	CRT 3331-1	A
6777127	CRT 3331-1	A	6779104	CRT 3331-1	A
6777129	CRT 3531-1	A	6779142	CRT 3331-1	B
6777130	CRT 3531-1	A	6779143	CRT 3331-1	B
6777130	CRT 3630-1	A	6779172	CRT 3331-1	A
6777154	CRT 3531-1	A	6779173	CRT 3531-1	D
6777168	CRT 3331-1	B	6779174	CRT 3531-1	D
6777269	CRT 3331-1	A	6779180	CRT 3531-1	A
6777254	CRT 3331-1	A	6779188	CRT 3531-1	A
6777310	CRT 3331-1	D	6779191	CRT 3331-1	A
6777419	CRT 3331-1	A	6779217	CRT 3331-1	A
6777444	CRT 3531-1	D	6779230	CRT 3331-1	A
6777569	CRT 3531-1	A	6779234	CRT 3331-1	A
6777571	CRT 3331-1	A	6779264	CRT 3331-1	A
6777622	CRT 3331-1	B	6779313	CRT 3331-1	C
6777495	CRT 3531-1	A	6779424	CRT 3331-1	B
6777794	CRT 3531-1	D	6779470	CRT 3331-1	B
6777812	CRT 3331-1	A	6779502	CRT 3331-1	B
6777815	CRT 3331-1	A	6779677	CRT 3331-1	A
6777816	CRT 3331-1	A	6779765	CRT 3331-1	A
6777826	CRT 3331-1	D	6779769	CRT 3331-1	A
6777827	CRT 3331-1	D	6779862	CRT 3331-1	D
6777828	CRT 3331-1	A	6779891	CRT 3331-1	D
6777911	CRT 3331-1	A	6779964	CRT 3331-1	B
6777933	CRT 3331-1	A	6829989	CRT 3531-1	A

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

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6772500	CRT 3331-1	A	6774124	CRT 3331-1	B
6772501	CRT 3331-1	A	6774145	CRT 3331-1	A
6772502	CRT 3331-1	A	6774146	CRT 3331-1	A
6772503	CRT 3331-1	C	6774158	CRT 3331-1	B
6772504	CRT 3331-1	E	6774159	CRT 3331-1	A
6772505	CRT 3331-1	A	6774221	CRT 3331-1	A
6772506	CRT 3331-1	A	6774275	CRT 3531-1	A
6772507	CRT 3331-1	A	6774319	CRT 3331-1	D
6772731	CRT 3331-1	E	6774332	CRT 3331-1	A
6772826	CRT 3331-1	A	6774463	CRT 3331-1	L
6772827	CRT 3321-1	B	6774484	CRT 3331-1	A
6772828	CRT 3331-1	B	6774496	CRT 3331-1	E
6772829	CRT 3331-1	A	6774567	CRT 3331-1	A
6772891	CRT 3331-1	D	6774568	CRT 3331-1	A
6772892	CRT 3331-1	A	6774669	CRT 3531-1	D
6772893	CRT 3331-1	B	6774699	CRT 3531-1	A
6772895	CRT 3331-1	A	6774743	CRT 3331-1	A
6772913	CRT 3331-1	A	6774792	CRT 3331-1	A
6772914	CRT 3331-1	D	6774875	CRT 3531-1	A
6772915	CRT 3331-1	A	6775179	CRT 3331-1	A
6772916	CRT 3331-1	D	6775180	CRT 3331-1	A
6772917	CRT 3331-1	A	6775181	CRT 3331-1	A
6772918	CRT 3331-1	A	6775182	CRT 3331-1	A
6772929	CRT 3331-1	A	6775183	CRT 3331-1	C
6773161	CRT 3331-1	A	6775185	CRT 3331-1	A
6773297	CRT 3531-1	E	6775186	CRT 3331-1	A
6773339	CRT 3331-1	A	6775187	CRT 3331-1	A
6773369	CRT 3331-1	A	6775188	CRT 3331-1	B
6773371	CRT 3331-1	D	6775189	CRT 3331-1	A
6773419	CRT 3331-1	A	6775191	CRT 3331-1	A
6773505	CRT 3531-1	A	6775195	CRT 3331-1	A
6773533	CRT 3331-1	A	6775196	CRT 3331-1	A
6773534	CRT 3331-1	E	6775197	CRT 3331-1	A
6773579	CRT 3331-1	A	6775198	CRT 3331-1	A
6773580	CRT 3331-1	A	6775199	CRT 3331-1	A
6773629	CRT 3531-1	E	6775201	CRT 3331-1	A
6773635	CRT 3331-1	A	6775202	CRT 3331-1	B
6773752	CRT 3331-1	A	6775204	CRT 3331-1	A
6773798	CRT 3331-1	B	6775205	CRT 3331-1	B
6773809	CRT 3331-1	A	6775206	CRT 3331-1	A
6773810	CRT 3331-1	A	6775208	CRT 3331-1	B
6773838	CRT 3331-1	A	6775209	CRT 3331-1	A
6773852	CRT 3531-1	A	6775211	CRT 3331-1	D
6773883	CRT 3331-1	A	6775212	CRT 3331-1	A
6773900	CRT 3331-1	M	6775216	CRT 3331-1	A
6773937	CRT 3531-1	A	6775217	CRT 3321-1	B
6773975	CRT 3331-1	A	6775297	CRT 3331-1	A
6773976	CRT 3331-1	B	6775389	CRT 3331-1	C
6774041	CRT 3531-1	A	6775537	CRT 3531-1	A
6774047	CRT 3531-1	A	6775550	CRT 3331-1	D

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

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6759583	CRT 3331-1	E	6770186	CRT 3331-1	E
6759584	CRT 3331-1	E	6770328	CRT 3331-1	E
6759597	CRT 3331-1	E	6770363	CRT 3331-1	D
6759633	CRT 3331-1	E	6770438	CRT 3331-1	E
6759634	CRT 3331-1	E	6770465	CRT 3331-1	E
6759635	CRT 3331-1	D	6770675	CRT 3331-1	E
6759636	CRT 3331-1	E	6770732	CRT 3331-1	E
6759707	CRT 3331-1	E	6770966	CRT 3331-1	E
6759721	CRT 3331-1	E	6771074	CRT 3531-1	E
6759748	CRT 3331-1	E	6771133	CRT 3331-1	E
6759755	CRT 3331-1	D	6771136	CRT 3331-1	E
6759756	CRT 3331-1	E	6771241	CRT 3331-1	E
6759763	CRT 3331-1	F	** 6771278	CRT 3331-1	J
6759776	CRT 3331-1	E	***6771278	CRT 3331-1	M
6759789	CRT 3331-1	E	6771319	CRT 3331-1	E
6759793	CRT 3331-1	D	6771321	CRT 3531-1	E
6759794	CRT 3331-1	G	6771392	CRT 3531-1	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
6759828	CRT 3331-1	E	6771417	CRT 3331-1	E
6759837	CRT 3331-1	E	6771444	CRT 3331-1	E
6759850	CRT 3331-1	E	6771647	CRT 3531-1	A
6759851	CRT 3331-1	E	6771740	CRT 3331-1	E
6759858	CRT 3331-1	E	6771744	CRT 3331-1	D
6759861	CRT 3331-1	E	6771764	CRT 3331-1	E
6759865	CRT 3331-1	E	6771803	CRT 3321-1	B
6759866	CRT 3331-1	H	6771808	CRT 3331-1	E
6769518	CRT 3331-1	E	6771924	CRT 3531-1	E
6769554	CRT 3331-1	E	6771940	CRT 3531-1	E
6769556	CRT 3331-1	E	6772026	CRT 3331-1	M
6769615	CRT 3331-1	E	6772034	CRT 3531-1	E
6769635	CRT 3331-1	E	6772087	CRT 3331-1	E
6769737	CRT 3331-1	E	6772100	CRT 3331-1	E
6769824	CRT 3331-1	E	6772105	CRT 3331-1	B
6769841	CRT 3331-1	E	6772118	CRT 3531-1	E
6769862	CRT 3331-1	B	6772144	CRT 3321-1	B
6769867	CRT 3331-1	E	6772195	CRT 3331-1	E
6769901	CRT 3331-1	E	6772196	CRT 3331-1	B
6769902	CRT 3331-1	E	6772277	CRT 3331-1	E
6769922	CRT 3331-1	E	6772279	CRT 3331-1	E
6769935	CRT 3331-1	E	6772280	CRT 3331-1	B
6769948	CRT 3331-1	E	6772360	CRT 3331-1	C
** 6770000	CRT 3331-1	E	6772456	CRT 3531-1	E
***6770000	CRT 3331-1	A	6772464	CRT 3331-1	E
6770005	CRT 3331-1	E	6772496	CRT 3331-1	E
6770063	CRT 3331-1	H	6772497	CRT 3331-1	A
6770081	CRT 3331-1	E	6772498	CRT 3331-1	A
6770176	CRT 3331-1	F	6772499	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.

GROUP D

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
6	NOT USED IN THIS GROUP.					
8-17	NOT USED IN THIS GROUP.					
18	CAP, SHIFTER FORK SHAFT HOLE	6774572	1		1	2
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		1	2
17	SHAFT, SHIFTER FORK	6757228	1		1	2
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 SEE . . SPI 641	6770045	1		1	2
13-14	NOT USED IN THIS GROUP.					
16	FORK, DISCONNECT SHIFTER	6757246	1		1	2
17	SHAFT, SHIFTER FORK	6757228	1		1	2
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		1	2
13-14	NOT USED IN THIS GROUP.					
16	FORK, DISCONNECT SHIFTER	6757246	1		1	2
17	SHAFT, SHIFTER FORK	6757228	1		1	2
18-19	NOT USED IN THIS GROUP.					
20	SHAFT, FRONT OUTPUT SEE SPI 641	6769385	1		1	2

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		1	2
17	SHAFT, SHIFTER FORK	6757228	1		1	2
18-19	NOT USED IN THIS GROUP.					

GROUP A

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	SEAL, FRONT OUTPUT FLANGE LIP TYPE CIL. USE . . . 6773373 OIL SEAL WHERE MOISTURE RESISTANT OR IMMERSION SEAL IS REQUIRED.	6775576	1	1	3	10
2	BOLT, HX HD, 3/8-16 X 1	179839	6	6	12	18
3	WASHER, LOCK, 3/8	103321	6	6	12	18
4	RETAINER, FRONT OUTPUT BEARING	6758149	1		1	2
5	GASKET, BEARING RETAINER	6757224	1	1	3	10
6	NOT USED IN THIS GROUP.					
7	BEARING, SINGLE ROW BALL NDH 3311XR1A	903311	1	1	2	5
8	NOT USED IN THIS GROUP.					
9	SHAFT, FRONT OUTPUT SEE SPI 641	6757244	1		1	2
10	COUPLING, FRONT OUTPUT SHAFT	6757245	1		1	2
11	SPRING, FRONT OUTPUT DISCONNECT DETENT, 16 . . . COILS, .350 OD, .062-.064 WIRE DIA	6757249	1	1	2	4
12	BALL, DETENT	145643	2	2	4	8
13	FORK, DISCONNECT SHIFTER	6772183	1		1	2
14	SHAFT, SHIFTER FORK	6772187	1		1	2
15	SEAL, SHIFTER FORK SHAFT LIP TYPE OIL	6703159	1	1	3	10
16-20	NOT USED IN THIS GROUP.					

GROUP B

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	NOT USED IN THIS GROUP.					
6-17	NOT USED IN THIS GROUP.					
18	CAP, SHIFTER FORK SHAFT HOLE	6774572	1		1	2
19	CAP, FRONT OUTPUT SHAFT HOLE	6759869	1	1	2	3
20	NOT USED IN THIS GROUP.					

GROUP C

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	SEAL, FRONT OUTPUT FLANGE LIP TYPE CIL	6773311	1	1	3	10
2	BOLT, HX HD, 3/8-16 X 1 3/4	179845	6	6	12	18
4	RETAINER, FRONT BEARING	6759898	1		1	2
6	SPACER, FRONT BEARING	6759537	1	1	2	3
7	BEARING, SINGLE ROW BALL NDH 3213XR1A	903213	1	1	2	5
8	SPACER, FRONT BEARING	6759871	1	1	2	3
9	NOT USED IN THIS GROUP.					
10	COUPLING, DISCONNECT	6759873	1		1	2
11	SPRING, FRONT OUTPUT DISCONNECT DETENT, 22 . . . COILS, .350 OD, .062-.064 WIRE DIA	6769532	1	1	2	4
13	FORK, DISCONNECT SHIFTER	6772184	1		1	2
16-19	NOT USED IN THIS GROUP.					
20	SHAFT, FRONT OUTPUT HEAVY DUTY OUTPUT SEE . . . SPI 641	6759897	1		1	2

PARKING BRAKE SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6772464	CRT 3331-1	A	6773883	CRT 3331-1	A
6772496	CRT 3331-1	A	6773891	CRT 3321-3	A
6772497	CRT 3331-1	A	6773900	CRT 3331-1	A
6772498	CRT 3331-1	A	6773901	CRT 3331-3	A
6772499	CRT 3331-1	A	6773937	CRT 3531-1	A
6772500	CRT 3331-1	A	6773970	CRT 3331-3	A
6772501	CRT 3331-1	A	6773975	CRT 3331-1	A
6772502	CRT 3331-1	A	6773976	CRT 3331-1	A
6772504	CRT 3331-1	A	6774041	CRT 3531-1	A
6772505	CRT 3331-1	A	6774047	CRT 3531-1	A
6772506	CRT 3331-1	A	6774116	CRT 3331-3	A
6772507	CRT 3331-1	A	6774121	CRT 3331-3	A
6772731	CRT 3331-1	A	6774124	CRT 3331-1	A
6772826	CRT 3331-1	A	6774145	CRT 3331-1	B
6772827	CRT 3321-1	A	6774158	CRT 3331-1	A
6772828	CRT 3331-1	A	6774159	CRT 3331-1	A
6772891	CRT 3331-1	B	6774221	CRT 3331-1	A
6772892	CRT 3331-1	A	6774274	CRT 3331-3	B
6772893	CRT 3331-1	A	6774275	CRT 3531-1	A
6772894	CRT 3331-3	A	6774276	CRT 3321-3	A
6772913	CRT 3331-1	A	6774330	CRT 3531-3	A
6772914	CRT 3331-1	A	6774332	CRT 3331-1	A
6772915	CRT 3331-1	A	6774447	CRT 3331-3	B
6772916	CRT 3331-1	A	6774463	CRT 3331-1	A
6772917	CRT 3331-1	C	6774484	CRT 3331-1	A
6772929	CRT 3331-1	A	6774496	CRT 3331-1	C
6772949	CRT 3331-3	A	6774567	CRT 3331-1	A
6773161	CRT 3331-1	A	6774568	CRT 3331-1	A
6773231	CRT 3331-3	B	6774588	CRT 3331-3	A
6773267	CRT 3531-3	A	6774641	CRT 3531-3	A
6773297	CRT 3531-1	A	6774669	CRT 3531-1	A
6773323	CRT 3531-3	A	6774691	CRT 3331-3	A
6773339	CRT 3331-1	A	6774699	CRT 3531-1	A
6773369	CRT 3331-1	A	6774792	CRT 3331-1	A
6773371	CRT 3331-1	A	6774875	CRT 3531-1	A
6773419	CRT 3331-1	A	6774921	CRT 3331-3	B
6773505	CRT 3531-1	A	6775179	CRT 3331-1	A
6773533	CRT 3331-1	A	6775180	CRT 3331-1	A
6773534	CRT 3331-1	A	6775181	CRT 3331-1	A
6773579	CRT 3331-1	A	6775182	CRT 3331-1	A
6773580	CRT 3331-1	A	6775185	CRT 3331-1	A
6773588	CRT 3321-3	A	6775186	CRT 3331-1	A
6773628	CRT 3331-3	A	6775187	CRT 3331-1	A
6773635	CRT 3331-1	A	6775188	CRT 3331-1	A
6773752	CRT 3331-1	A	6775191	CRT 3331-1	A
6773798	CRT 3331-1	A	6775196	CRT 3331-1	A
6773809	CRT 3331-1	A	6775197	CRT 3331-1	A
6773810	CRT 3331-1	B	6775198	CRT 3331-1	A
6773838	CRT 3331-1	A	6775199	CRT 3331-1	A
6773852	CRT 3531-1	B	6775201	CRT 3331-1	A

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

PARKING BRAKE SECTION

TO FIND DETAIL PARTS FOR YOUR ALLISON POWERSHIFT 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	6770186	CRT 3331-1	A
6759604	CRT 3331-3	A	6770243	CRT 3331-3	A
6759634	CRT 3331-1	A	6770328	CRT 3331-1	A
6759636	CRT 3331-1	A	6770363	CRT 3331-1	A
6759707	CRT 3331-1	A	6770438	CRT 3331-1	A
6759718	CRT 3331-3	A	6770439	CRT 3331-3	A
6759739	CRT 3331-3	A	6770465	CRT 3331-1	A
6759746	CRT 3331-3	A	6770605	CRT 3331-3	A
6759747	CRT 3331-3	A	6770636	CRT 3331-3	A
6759752	CRT 3331-3	A	6770675	CRT 3331-1	A
6759755	CRT 3331-1	A	6770732	CRT 3331-1	B
6759774	CRT 3331-3	A	6770966	CRT 3331-1	A
6759776	CRT 3331-1	A	6771032	CRT 3331-3	A
6759789	CRT 3331-1	A	6771074	CRT 3531-1	A
6759793	CRT 3331-1	A	6771133	CRT 3331-1	A
6759794	CRT 3331-1	A	6771136	CRT 3331-1	A
6759795	CRT 3331-1	A	6771241	CRT 3331-1	C
6759812	CRT 3331-1	A	6771262	CRT 3331-3	A
6759817	CRT 3331-1	A	6771278	CRT 3331-1	A
6759826	CRT 3331-1	A	6771279	CRT 3331-3	A
6759828	CRT 3331-1	A	6771319	CRT 3331-1	A
6759837	CRT 3331-1	A	6771321	CRT 3531-1	A
6759850	CRT 3331-1	A	6771352	CRT 3531-1	A
6759851	CRT 3331-1	A	6771412	CRT 3331-1	A
6759861	CRT 3331-1	A	6771414	CRT 3331-1	A
6759865	CRT 3331-1	A	6771415	CRT 3331-1	A
6759916	CRT 3331-3	A	6771416	CRT 3331-1	A
6769518	CRT 3331-1	A	6771417	CRT 3331-1	A
6769519	CRT 3331-3	A	6771444	CRT 3331-1	A
6769554	CRT 3331-1	A	6771640	CRT 3331-3	A
6769556	CRT 3331-1	A	6771647	CRT 3531-1	A
6769615	CRT 3331-1	A	6771708	CRT 3321-3	A
6769635	CRT 3331-1	A	6771740	CRT 3331-1	A
6769730	CRT 3331-3	A	6771744	CRT 3331-1	A
6769737	CRT 3331-1	A	6771803	CRT 3321-1	A
6769768	CRT 3331-3	A	6771808	CRT 3331-1	C
6769822	CRT 3331-3	A	6771924	CRT 3531-1	A
6769824	CRT 3331-1	A	6771940	CRT 3531-1	A
6769841	CRT 3331-1	A	6771994	CRT 3321-3	A
6769863	CRT 3331-3	A	6772026	CRT 3331-1	A
6769901	CRT 3331-1	A	6772087	CRT 3331-1	A
6769902	CRT 3331-1	A	6772105	CRT 3331-1	A
6769922	CRT 3331-1	A	6772118	CRT 3531-1	A
6769935	CRT 3331-1	A	6772144	CRT 3321-1	A
6769948	CRT 3331-1	A	6772145	CRT 3321-3	A
6769991	CRT 3331-3	A	6772196	CRT 3331-1	A
6770000	CRT 3331-1	B	6772277	CRT 3331-1	A
6770005	CRT 3331-1	A	6772280	CRT 3331-1	A
6770081	CRT 3331-1	A	6772317	CRT 3331-3	A
6770176	CRT 3331-1	A	6772456	CRT 3531-1	C

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

PARKING BRAKE SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6775202	CRT 3331-1	A	6777127	CRT 3331-1	A
6775204	CRT 3331-1	A	6777129	CRT 3531-1	A
6775205	CRT 3331-1	A	6777130	CRT 3531-1	A
6775206	CRT 3331-1	B	6777130	CRT 3630-1	A
6775208	CRT 3331-1	A	6777153	CRT 3531-3	A
6775209	CRT 3331-1	A	6777168	CRT 3331-1	A
6775212	CRT 3331-1	A	6777269	CRT 3331-1	A
6775217	CRT 3321-1	A	6777294	CRT 3331-1	A
6775218	CRT 3331-3	A	6777310	CRT 3331-1	A
6775220	CRT 3331-3	A	6777417	CRT 3331-3	A
6775223	CRT 3331-3	A	6777444	CRT 3531-1	A
6775234	CRT 3331-3	A	6777569	CRT 3531-1	A
6775235	CRT 3321-3	A	6777570	CRT 3331-3	A
6775236	CRT 3321-3	A	6777571	CRT 3331-1	B
6775237	CRT 3321-3	A	6777622	CRT 3331-1	A
6775238	CRT 3321-3	A	6777695	CRT 3531-1	A
6775239	CRT 3321-3	A	6777794	CRT 3531-1	A
6775297	CRT 3331-1	A	6777812	CRT 3331-1	A
6775537	CRT 3531-1	A	6777815	CRT 3331-1	A
6775550	CRT 3331-1	A	6777816	CRT 3331-1	A
6775552	CRT 3531-1	A	6777826	CRT 3331-1	A
6775627	CRT 3331-3	A	6777827	CRT 3331-1	A
6775715	CRT 3331-3	A	6777828	CRT 3331-1	C
6775826	CRT 3531-1	A	6777910	CRT 3331-3	A
6775945	CRT 3331-3	A	6777911	CRT 3331-1	A
6775987	CRT 3531-1	A	6777933	CRT 3331-1	A
6776152	CRT 3331-3	A	6777946	CRT 3531-1	A
6776529	CRT 3531-1	A	6777950	CRT 3331-1	A
6776572	CRT 3531-1	A	6777951	CRT 3331-1	A
6776606	CRT 3531-1	A	6777976	CRT 3331-1	A
6776607	CRT 3531-1	A	6778025	CRT 3331-1	A
6776642	CRT 3531-3	A	6778040	CRT 3331-1	A
6776717	CRT 3331-1	B	6778128	CRT 3331-3	B
6776755	CRT 3531-1	A	6778140	CRT 3630-1	A
6776756	CRT 3331-1	A	6778168	CRT 3331-1	A
6776757	CRT 3331-1	A	6778170	CRT 3331-3	A
6776758	CRT 3331-1	A	6778207	CRT 3531-1	A
6776766	CRT 3331-1	A	6778208	CRT 3331-3	A
6776814	CRT 3531-1	A	6778370	CRT 3531-3	A
6776956	CRT 3531-1	A	6778377	CRT 3331-1	A
6776983	CRT 3331-1	C	6778378	CRT 3331-1	A
6776985	CRT 3331-1	A	6778379	CRT 3331-1	A
6776986	CRT 3531-1	A	6778387	CRT 3331-1	A
6777037	CRT 3331-1	A	6778879	CRT 3331-1	A
6777038	CRT 3531-1	A	6778959	CRT 3331-1	B
6777038	CRT 3630-1	A	6779012	CRT 3531-1	A
6777088	CRT 3331-1	A	6779013	CRT 3331-1	A
6777091	CRT 3331-3	A	6779047	CRT 3331-1	A
6777092	CRT 3331-1	A	6779048	CRT 3331-1	A
6777118	CRT 3531-1	A	6779049	CRT 3531-1	A

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

PARKING BRAKE SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6779068	CRT 3331-1	A	6832033	CRT 3331-1	B
6779076	CRT 3331-3	A	6832045	CRT 3331-1	B
6779078	CRT 3331-1	A	6832614	CRT 3331-1	A
6779085	CRT 3331-1	A	6832742	CRT 3531-3	A
6779086	CRT 3331-1	A	6832816	CRT 3331-1	C
6779104	CRT 3331-1	A	6832840	CRT 3531-1	A
6779142	CRT 3331-1	A	6832899	CRT 3331-1	A
6779143	CRT 3331-1	A	6832922	CRT 3331-1	A
6779172	CRT 3331-1	A	6832961	CRT 3331-1	B
6779173	CRT 3531-1	A	6832962	CRT 3331-1	B
6779180	CRT 3531-1	C	6833333	CRT 3630-1	A
6779188	CRT 3531-1	A	6833364	CRT 3331-3	A
6779230	CRT 3331-1	A	6833365	CRT 3331-3	A
6779234	CRT 3331-1	A	6833396	CRT 3331-1	A
6779250	CRT 3531-3	A	6833397	CRT 3331-1	A
6779313	CRT 3331-1	B	6833398	CRT 3331-1	A
6779424	CRT 3331-1	A	6833054	CRT 3331-1	A
6779470	CRT 3331-1	A	6833523	CRT 3531-1	A
6779502	CRT 3331-1	A	6833604	CRT 3331-3	A
6779657	CRT 3331-3	A	6833605	CRT 3331-3	A
6779676	CRT 3331-3	A	6833615	CRT 3331-1	A
6779677	CRT 3331-1	A	6833873	CRT 3531-3	A
6779765	CRT 3331-1	C	6834054	CRT 3331-1	A
6779891	CRT 3331-1	A	6834141	CRT 3630-1	A
6779964	CRT 3331-1	A	6834198	CRT 3630-1	A
6829988	CRT 3331-3	B	6834308	CRT 3331-1	A
6829989	CRT 3531-1	C	6835005	CRT 3531-1	A
6830405	CRT 3531-1	A	6835013	CRT 3331-1	A
6830421	CRT 3531-1	A	6835032	CRT 3531-1	A
6830422	CRT 3531-1	A	6835091	CRT 3531-1	A
6830485	CRT 3331-3	B	6835118	CRT 3331-1	A
6830554	CRT 3331-1	A	6835174	CRT 3531-1	A
6830570	CRT 3331-3	B	6835663	CRT 3331-1	B
6830586	CRT 3630-1	A	6835778	CRT 3630-1	A
6830587	CRT 3531-1	A	6835795	CRT 3630-1	A
6830590	CRT 3630-1	A	6836004	CRT 3331-1	A
6830591	CRT 3331-1	B	6836005	CRT 3331-1	A
6830699	CRT 3331-1	A	6836006	CRT 3331-1	A
6830720	CRT 3531-1	A	6836007	CRT 3331-1	A
6831016	CRT 3531-1	A	6836049	CRT 3331-3	A
6831017	CRT 3331-3	A	6836417	CRT 3531-1	A
6831245	CRT 3331-3	A	6836422	CRT 3331-3	A
6831297	CRT 3331-1	A	6836455	CRT 3331-1	B
6831298	CRT 3331-1	A	6836461	CRT 3531-1	C
6831344	CRT 3531-1	A	6836480	CRT 3331-1	A
6831535	CRT 3331-1	A	6836507	CRT 3531-1	A
6831595	CRT 3630-1	A	6836630	CRT 3531-1	A
6831801	CRT 3331-1	A	6836685	CRT 3531-1	A
6831904	CRT 3331-1	C	6836754	CRT 3531-1	A
6831986	CRT 3331-1	B	6836834	CRT 3331-1	B

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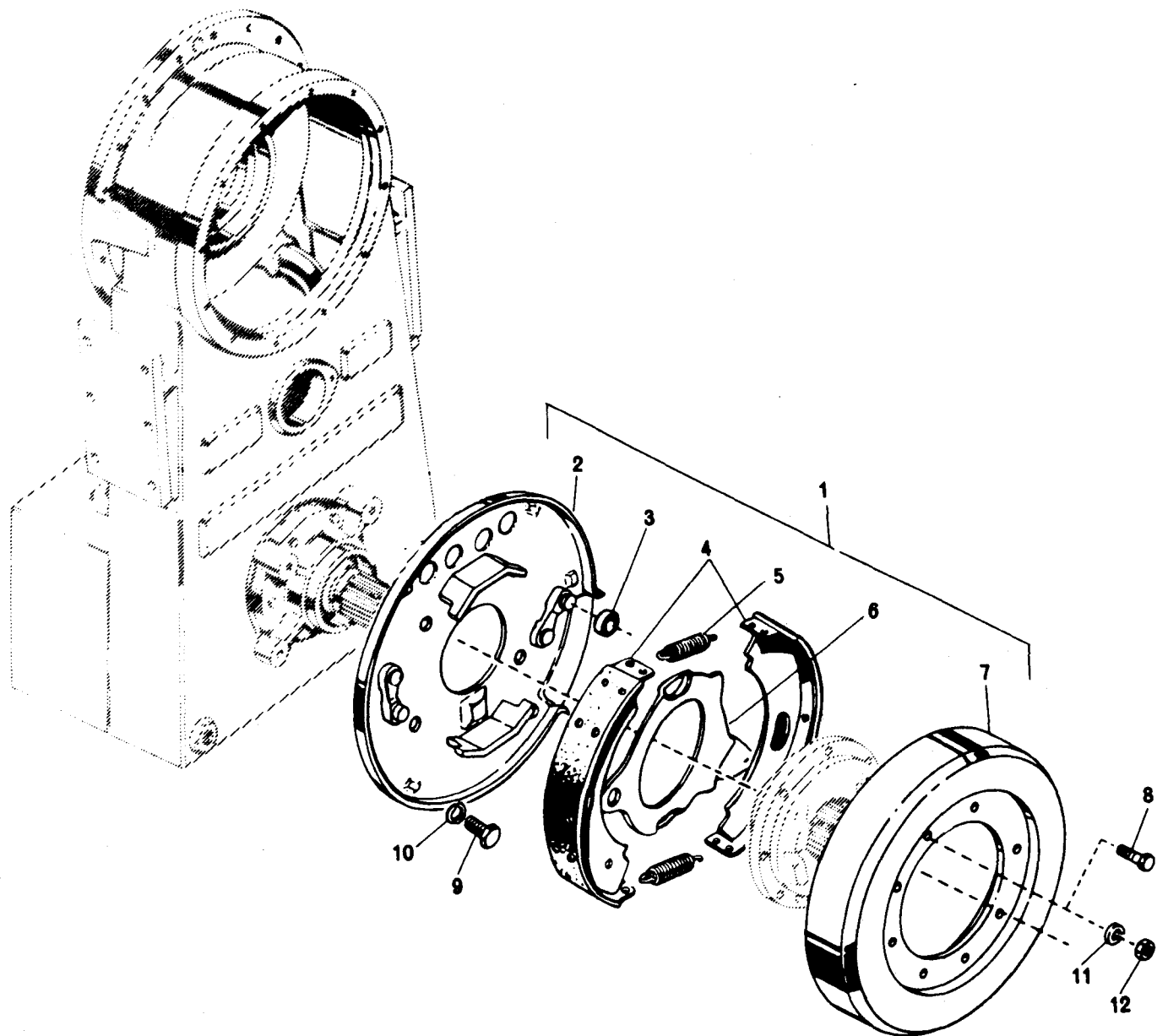
* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

PARKING BRAKE SECTION

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

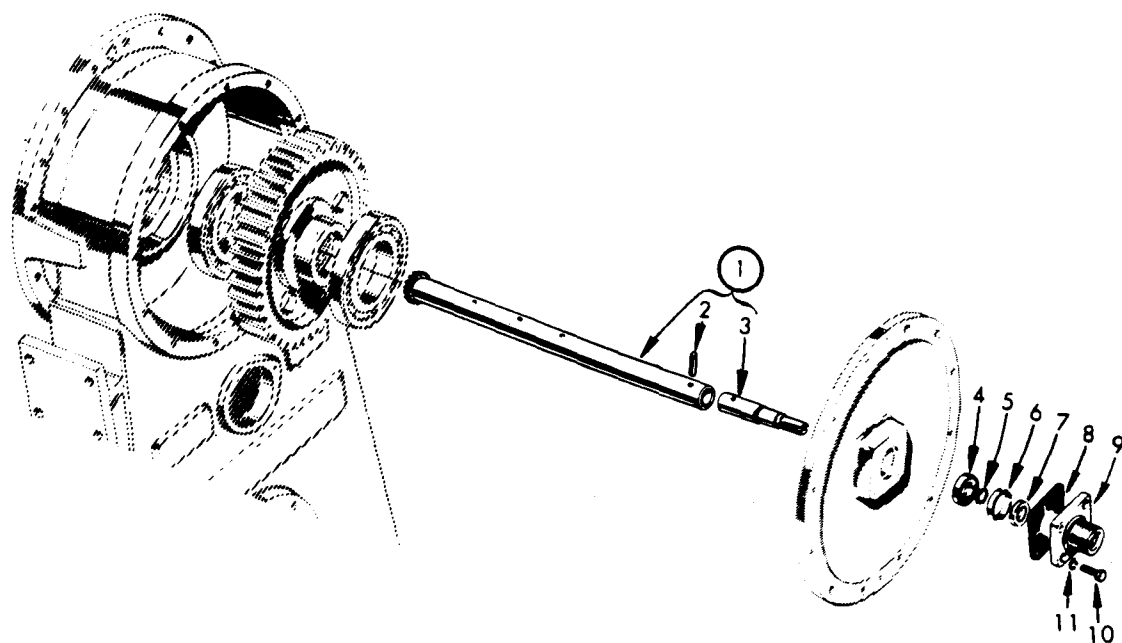
A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6836944	CRT 3531-1	A	6880658	CRT 3531-3	A
6837024	CRT 3531-1	A	6880763	CRT 3331-1	A
6838122	CRT 3531-1	A	6881648	CRT 3331-1	A
6838446	CRT 3630-1	A	6882288	CRT 3331-1	A
6838561	CRT 3531-1	A	6883051	CRT 3531-1	A
6838562	CRT 3531-3	A	6883313	CRT 3531-1	A
6838831	CRT 3531-1	A	6883547	CRT 3531-1	A
6838975	CRT 3531-1	A	6883724	CRT 3531-1	A
6839188	CRT 3531-1	A	6884201	CRT 3531-3	A
6839565	CRT 3531-1	A	6884203	CRT 3531-3	A
6839673	CRT 3331-3	B	6884204	CRT 3531-3	A
6880260	CRT 3331-1	A	6884208	CRT 3531-1	A
6880327	CRT 3331-1	A	6884209	CRT 3531-1	A
6880328	CRT 3331-1	A	6884211	CRT 3531-1	A
6880407	CRT 3331-1	A			

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



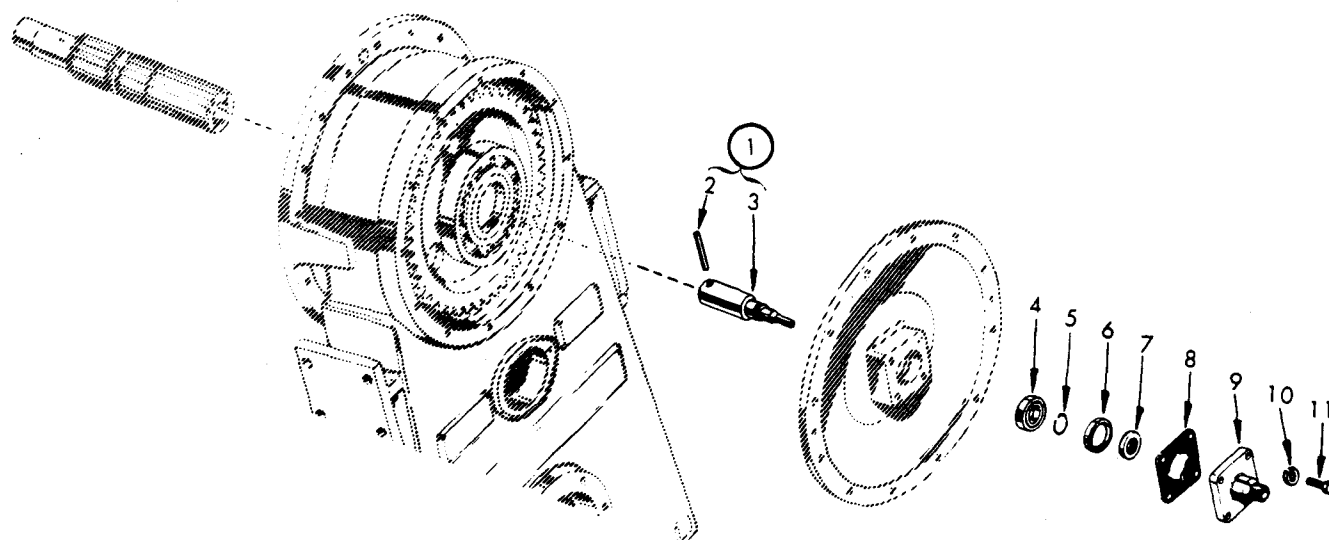
4461A

FIG 16. PARKING BRAKE



4469

FIG 17. GOVERNOR DRIVE



4470

FIG 17-1. SPEEDOMETER DRIVE

GOVERNOR AND SPEEDOMETER DRIVE SECTION

TO FIND DETAIL PARTS FOR YOUR ALLISON POWERSHIFT 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	6779234	CRT 3331-1	A
6759793	CRT 3331-1	A	6779769	CRT 3331-1	B
6759794	CRT 3331-1	A	6830405	CRT 3531-1	B
6759812	CRT 3331-1	A	6830699	CRT 3331-1	B
6769737	CRT 3331-1	A	6831344	CRT 3531-1	B
6770063	CRT 3331-1	A	6831358	CRT 3331-1	B
6772195	CRT 3331-1	A	6831801	CRT 3331-1	A
6772464	CRT 3331-1	A	6832840	CRT 3531-1	B
6772829	CRT 3331-1	A	6833762	CRT 3331-1	B
6773297	CRT 3531-1	B	6834190	CRT 3531-1	B
6773505	CRT 3531-1	B	6834308	CRT 3331-1	B
6774221	CRT 3331-1	B	6835013	CRT 3331-1	A
6774463	CRT 3331-1	A	6835091	CRT 3531-1	B
6774567	CRT 3331-1	A	6835092	CRT 3531-1	B
6774875	CRT 3531-1	B	6835118	CRT 3331-1	A
6775189	CRT 3331-1	A	6837024	CRT 3531-1	B
6775209	CRT 3331-1	B	6837104	CRT 3531-1	B
6775212	CRT 3331-1	A	6837353	CRT 3331-1	B
6775389	CRT 3331-1	A	6838561	CRT 3531-1	B
6777294	CRT 3331-1	A	6838975	CRT 3531-1	B
6778207	CRT 3531-1	B	6839549	CRT 3331-1	B
6779048	CRT 3331-1	B	6883724	CRT 3531-1	B
6779172	CRT 3331-1	A	6884211	CRT 3531-1	B

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

GROUP C

OIL SUMP ADAPTER, FIGURE 19

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
2-5	FURNISHED BY VEHICLE MANUFACTURER.					
7	NOT USED IN THIS GROUP.					
8	WASHER, LOCK, 3/8	103321	6	6	12	18
9	BOLT, HX HD, 3/8-16 X 1 3/8	179842	6	6	12	18
10	NOT USED IN THIS GROUP.					
13-14	NOT USED IN THIS GROUP.					
16-17	NOT USED IN THIS GROUP.					
20-42	NOT USED IN THIS GROUP.					

GROUP D

OIL SUMP ADAPTER, FIGURE 19

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

26	NOT USED IN THIS GROUP.					
42	SUMP, TRANSMISSION OIL	6775824	1		1	2

GROUP E

OIL SUMP ADAPTER, FIGURE 19

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

13-17	NOT USED IN THIS GROUP.					
20-23	NOT USED IN THIS GROUP.					
26-42	NOT USED IN THIS GROUP.					

GROUP F

OIL SUMP ADAPTER, FIGURE 19

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	SPACER, REAR OUTPUT	6773268	1		1	2
2	WASHER, REAR OUTPUT THRUST	6773269	1	1	2	5
4	SLEEVE, REAR OUTPUT, BEARING	6773270	1		1	2
7	RETAINER, REAR OUTPUT BEARING	6773277	1		1	2
10	SEAL, FLANGE LIP TYPE OIL	6773292	1	1	3	10
20-25	NOT USED IN THIS GROUP					

GROUP G

OIL SUMP ADAPTER, FIGURE 19

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	SPACER, REAR OUTPUT	6773268	1		1	2
2	WASHER, REAR OUTPUT THRUST	6773269	1	1	2	5
4	SLEEVE, REAR OUTPUT BEARING	6773270	1		1	2
7	RETAINER, REAR BEARING	6773277	1		1	2
10	SEAL, FLANGE LIP TYPE OIL	6773292	1	1	3	10

GROUP A

OIL SUMP ADAPTER, FIGURE 19

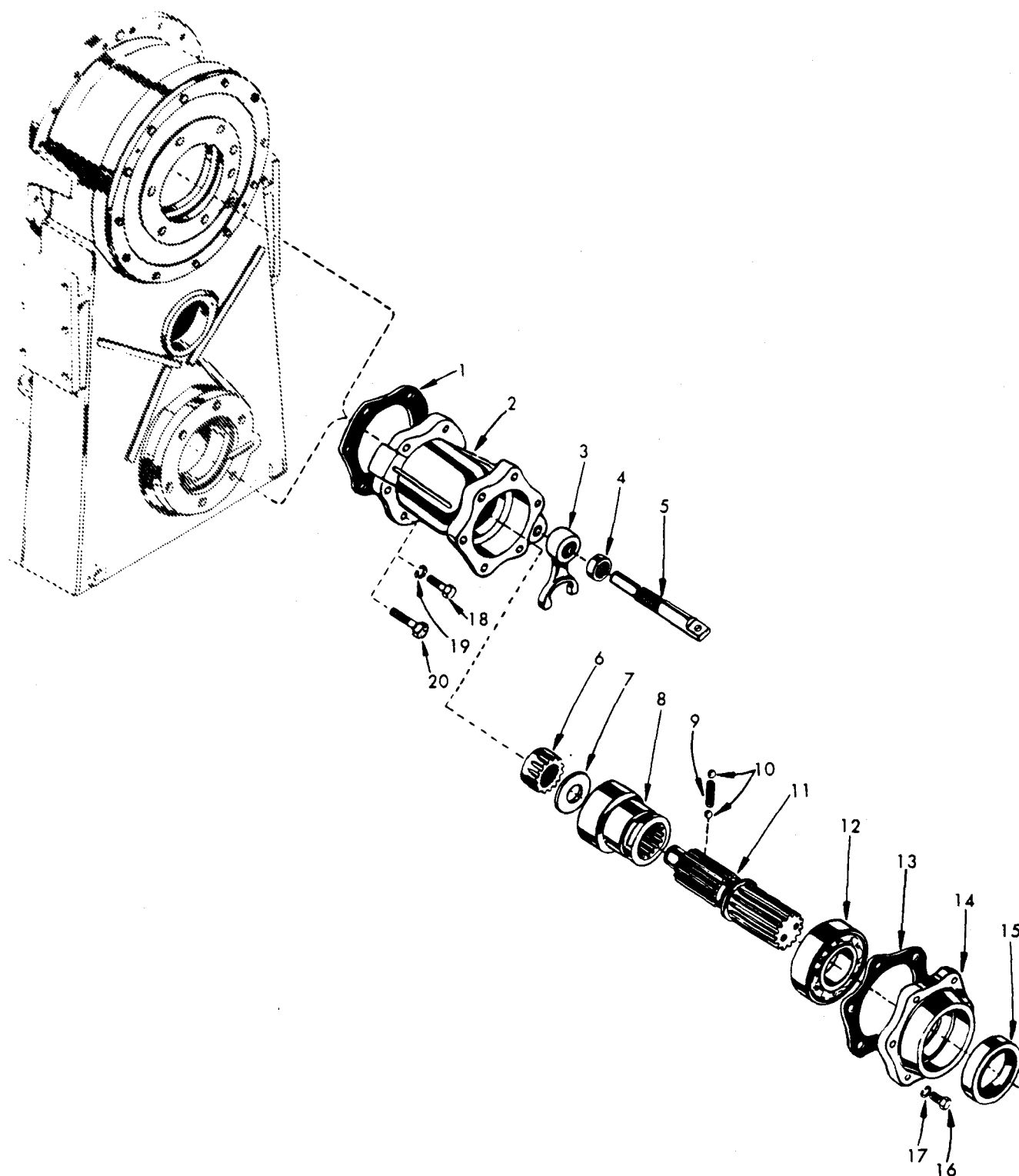
REF NO	ACMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	SPACER	6768719	1			1
2	WASHER, THRUST	6768723	1	1	2	5
3	BEARING, SINGLE ROW BALL NDH 3215X1A	903215	1	1	2	5
4	SLEEVE, REAR BEARING PRIOR TO S/N 11652 USE P/N 6768724. STARTING WITH S/N 11652 USE P/N 6770074.	6770074	1		1	2
5	PIN	6768722	1	1	2	3
6	GASKET	6768730	1	1	3	10
7	RETAINER	6755481	1			1
8	WASHER, LOCK, 3/8	103321	8	8	16	24
9	BOLT, HX HD, 3/8-16 X 1 3/8	179842	8	8	16	24
10	SEAL, REAR OUTPUT FLANGE LIP TYPE OIL. USE 6773373 OIL SEAL WHERE MOISTURE RESISTANT OR IMMERSION SEAL IS REQUIRED.	6775576	1	1	3	10
11	ADAPTER, TRANSMISSION SUMP	6773271	1		1	2
12	RING, SEAL, HOOK TYPE	6757229	1	1	3	10
13	NUT, 7/16	271505	2	2	4	6
14	WASHER, LOCK, 7/16	103322	2	2	4	6
15	PLUG, 1 1/4	106644	1		1	2
16	WASHER, LOCK, 7/16	103322	7	7	14	21
17	BOLT, HEX HD, 9/16-20 X 1 1/4	181397	4	4	8	12
18	PLATE, TRANSMISSION NAME	6838494	1		1	2
19	SCREW, DRIVE NO. 4 X 1/4	145372	4		4	8
20	WASHER, LOCK, 3/8	103321	4	4	8	12
21	BOLT, HX HD, 3/8-16 X 1	179839	4	4	8	12
22	GASKET, SCAVENGE PUMP RETURN TUBE	6758218	1	1	3	10
23	TUBE, SCAVENGE PUMP RETURN USE P/N 6777791 WITH VALVE BODIES P/N 6773644, 6773645, 6773646 AND 6775085 ONLY. WITH P/N 6759544, 6768725, 6769998, 6771379 AND 6771398 USE TUBE P/N 6768970.	6777791	1		1	2
24	CLAMP, HOSE	272853	2	2	4	20
25	HOSE	6768967	1	1	3	10
26	SUMP, TRANSMISSION OIL	6768733	1		1	2
27	GASKET, SUMP	6758195	1	1	3	10
28	BOLT, HX HD, 7/16-14 X 1 1/2	179862	3	3	6	9
29	PLUG, 3/8	445686	1		1	2
30	SEAL, PUMP SUCTION TUBE, RECTANGULAR CROSS SECTION	6770811	1	1	3	10
31	PLATE, SEAL RETAINER	6768968	1		1	2
32	BOLT, HX HD, 7/16-20 X 3 1/2	181413	2	2	4	6
33	PLUG, OIL FILLER, 1 1/4	143538	1	1	2	3
34	PLUG, OIL LEVEL CHECK, 1/4	444618	2	2	4	6
35	PLUG, SUMP DRAIN, 3/4 PIPE	444594	1	1	2	3
36	SCREEN, OIL	6769996	1	1	2	3
37	RETAINER, OIL SCREEN	6757774	1		1	2
38	GASKET, OIL SCREEN COVER	5576445	1	1	3	10
39	COVER, OIL SCREEN	6769995	1		1	2
40	WASHER, 11/32 X 11/16 X .065	115308	1	1	2	3
41	NUT, 5/16	131642	1	1	2	3
42	NOT USED IN THIS GROUP.					

GROUP B

OIL SUMP ADAPTER, FIGURE 19

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

13-14 NOT USED IN THIS GROUP.
16-17 NOT USED IN THIS GROUP.
20-42 NOT USED IN THIS GROUP.



4471

FIG 18. REAR OUTPUT DISCONNECT CLUTCH

REAR OUTPUT DISCONNECT CLUTCH SECTION

TO FIND DETAIL PARTS FOR YOUR ALLISON POWERSHIFT 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

GROUP A

GOVERNOR DRIVE, FIGURE 17

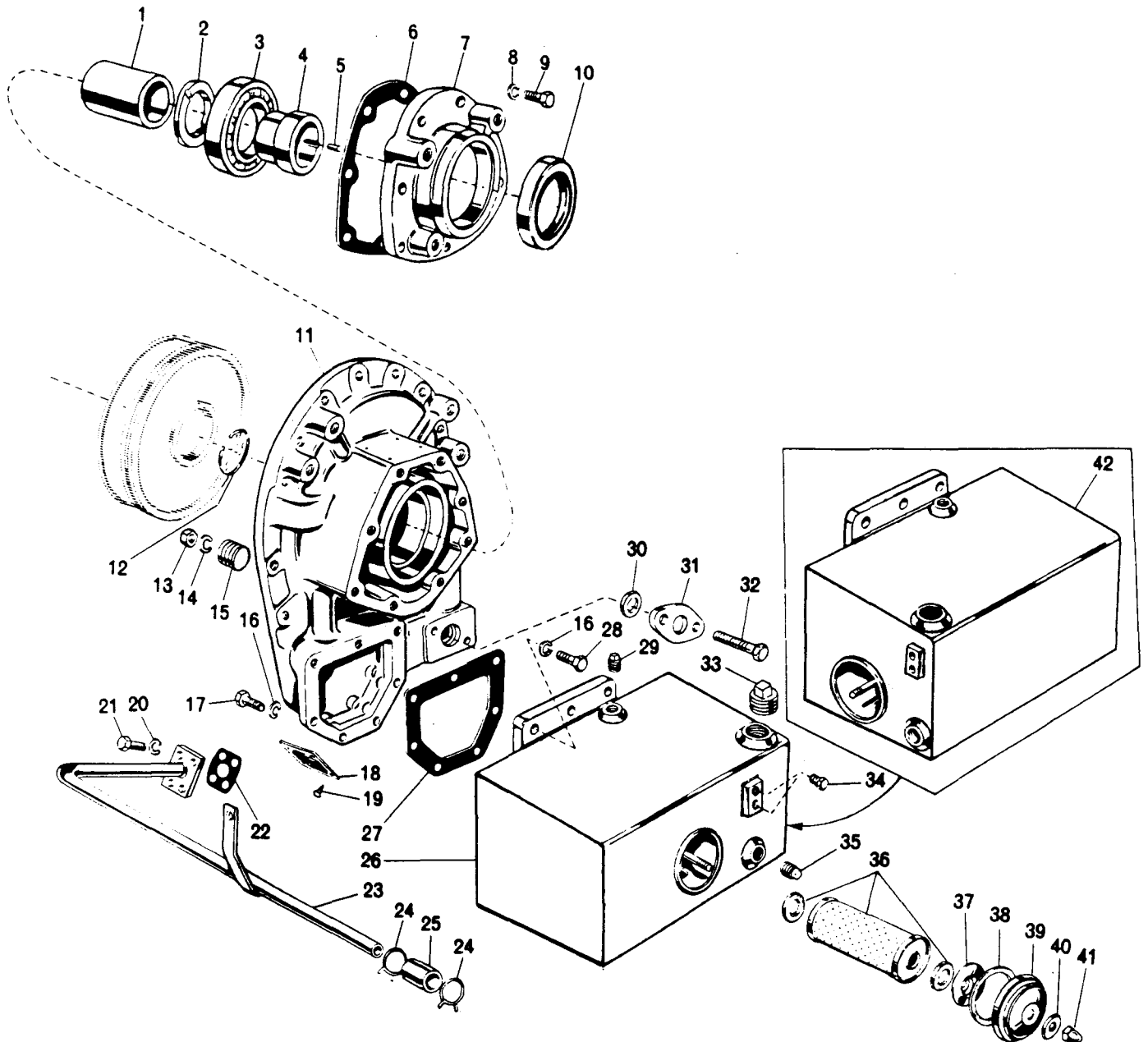
REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	SHAFT ASSY, GOVERNOR DRIVE	6757287	1		1	2
2	PIN, SPRING, 1/8 X 7/8	455862	1	1	2	3
3	COUPLING, GOVERNOR DRIVE	6757314 *	1			
4	BEARING, SINGLE ROW BALL NOH 3202NR1214A	907411	1	1	2	5
5	RING, EXTERNAL SNAP	8894450	1	1	2	5
6	SPACER	6757283	1	1	2	3
7	SEAL, COUPLING LIP TYPE OIL	6752035	1	1	3	10
8	GASKET, ADAPTER	3224773	1	1	3	10
9	ADAPTER, GOVERNOR DRIVE	6752033	1		1	2
10	BOLT, HEX HD, 5/16-18 X 1 1/8	179819	4	4	8	12
11	WASHER, LOCK, 5/16	103320	4	4	8	12

GROUP B

SPEEDOMETER DRIVE, FIGURE 17-1

1	SHAFT ASSY, SPEEDOMETER DRIVE	6773683	1		1	2
2	PIN, DRIVE	9421034	1	1	2	4
3	SHAFT, SPEEDOMETER COUPLING	6773684 *	1			
4	BEARING, SINGLE ROW BALL NOH 3202NR1214A	907411	1	1	2	5
5	RING, EXTERNAL SNAP	8894450	1	1	2	5
6	SPACER	6757283	1	1	2	3
7	SEAL, SHAFT LIP TYPE OIL	6752035	1	1	3	10
8	GASKET, ADAPTER	3224773	1	1	3	10
9	ADAPTER, SPEEDOMETER DRIVE	6773686	1		1	2
10	WASHER, LOCK, 5/16	103320	4	4	8	12
11	BOLT, HX HD, 5/16-18 X 1 1/8	179819	4	4	8	12

* SERVICED AS AN ASSY - NOT AS A DETAIL PART



4725A

FIG 19. OIL SUMP ADAPTER.

OIL SUMP ADAPTER SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6775735	CRT 3331-3	D	6830485	CRT 3331-3	A
6775917	CRT 3531-3	G	6830570	CRT 3331-3	A
6775918	CRT 3531-3	G	6830650	CRT 3531-3	G
6775945	CRT 3331-3	A	6831017	CRT 3331-3	A
6776152	CRT 3331-3	A	6831037	CRT 3331-3	A
6776446	CRT 3331-3	A	6831138	CRT 3531-3	H
6776642	CRT 3531-3	G	6831153	CRT 3531-3	G
6776693	CRT 3331-3	E	6831245	CRT 3331-3	A
6776694	CRT 3331-3	E	6832038	CRT 3531-3	H
6777039	CRT 3531-3	G	6832741	CRT 3531-3	G
6777073	CRT 3331-3	A	6832742	CRT 3531-3	G
6777091	CRT 3331-3	A	6833364	CRT 3331-3	A
6777153	CRT 3531-3	G	6833365	CRT 3331-3	A
6777232	CRT 3531-3	G	6833524	CRT 3331-3	A
6777293	CRT 3331-3	A	6833604	CRT 3331-3	A
6777417	CRT 3331-3	A	6833605	CRT 3331-3	A
6777535	CRT 3321-3	A	6833873	CRT 3531-3	G
6777570	CRT 3331-3	A	6834146	CRT 3331-3	B
6777718	CRT 3331-3	E	6836049	CRT 3331-3	A
6777719	CRT 3331-3	E	6836307	CRT 3531-3	G
6777910	CRT 3331-3	A	6836350	CRT 3331-3	A
6777934	CRT 3331-3	A	6836422	CRT 3331-3	A
6778073	CRT 3331-3	A	6836671	CRT 3331-3	A
6778128	CRT 3331-3	A	6838562	CRT 3531-3	G
6778170	CRT 3331-3	A	6839673	CRT 3331-3	A
6778208	CRT 3331-3	A	6880146	CRT 3531-3	G
6778275	CRT 3331-3	A	6880658	CRT 3531-3	G
6778396	CRT 3331-3	A	6881019	CRT 3331-3	A
6778370	CRT 3531-3	G	6881137	CRT 3531-3	G
6778954	CRT 3531-3	G	6882053	CRT 3331-3	A
6779076	CRT 3331-3	A	6882559	CRT 3331-3	A
6779077	CRT 3321-3	A	6883320	CRT 3531-3	G
6779183	CRT 3331-3	A	6883957	CRT 3531-3	G
6779248	CRT 3531-3	F	6884199	CRT 3531-3	G
6779250	CRT 3531-3	G	6884200	CRT 3531-3	G
6779337	CRT 3331-3	A	6884201	CRT 3531-3	G
6779503	CRT 3321-3	A	6884202	CRT 3531-3	H
6779541	CRT 3331-3	A	6884203	CRT 3531-3	G
6779657	CRT 3331-3	A	6884204	CRT 3531-3	G
6779676	CRT 3331-3	A	6884205	CRT 3531-3	G
6779795	CRT 3331-3	A	6884206	CRT 3531-3	G
6829988	CRT 3331-3	A			

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

OIL SUMP ADAPTER SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6759604	CRT 3331-3	A	6773628	CRT 3331-3	A
6759718	CRT 3331-3	B	6773680	CRT 3321-3	A
6759719	CRT 3331-3	B	6773681	CRT 3331-3	A
6759739	CRT 3331-3	A	6773706	CRT 3531-3	G
6759746	CRT 3331-3	A	6773891	CRT 3321-3	A
6759747	CRT 3331-3	A	6773901	CRT 3331-3	B
6759752	CRT 3331-3	A	6773970	CRT 3331-3	A
6759765	CRT 3331-3	A	6773994	CRT 3331-3	A
6759774	CRT 3331-3	A	6774040	CRT 3331-3	A
6759796	CRT 3331-3	A	6774116	CRT 3331-3	A
6759847	CRT 3331-3	A	6774121	CRT 3331-3	A
6759908	CRT 3331-3	A	6774150	CRT 3331-3	A
6759916	CRT 3331-3	A	6774219	CRT 3331-3	A
6769519	CRT 3331-3	A	6774230	CRT 3331-3	A
6769555	CRT 3331-3	B	6774273	CRT 3331-3	A
6769730	CRT 3331-3	A	6774274	CRT 3331-3	A
6769738	CRT 3331-3	A	6774276	CRT 3321-3	A
6769768	CRT 3331-3	B	6774277	CRT 3331-3	A
6769822	CRT 3331-3	A	6774315	CRT 3331-3	A
6769863	CRT 3331-3	B	6774330	CRT 3531-3	G
6769931	CRT 3331-3	A	6774334	CRT 3331-3	A
6769947	CRT 3331-3	A	6774447	CRT 3331-3	A
6769990	CRT 3331-3	B	6774585	CRT 3331-3	A
6769991	CRT 3331-3	A	6774588	CRT 3331-3	A
6770006	CRT 3331-3	A	6774641	CRT 3531-3	G
6770243	CRT 3331-3	A	6774668	CRT 3321-3	A
6770439	CRT 3331-3	B	6774691	CRT 3331-3	A
6770605	CRT 3331-3	A	6774741	CRT 3531-3	H
6770636	CRT 3331-3	A	6774920	CRT 3331-3	A
6771032	CRT 3331-3	A	6774921	CRT 3331-3	A
6771262	CRT 3331-3	B	6775218	CRT 3331-3	A
6771279	CRT 3331-3	A	6775219	CRT 3331-3	C
6751458	CRT 3331-3	B	6775220	CRT 3331-3	A
6771640	CRT 3331-3	A	6775222	CRT 3331-3	A
6771708	CRT 3321-3	A	6775223	CRT 3331-3	A
6771994	CRT 3321-3	A	6775224	CRT 3331-3	A
6772081	CRT 3331-3	C	6775225	CRT 3331-3	A
6772145	CRT 3321-3	A	6775226	CRT 3331-3	A
6772317	CRT 3331-3	A	6775228	CRT 3331-3	A
6772318	CRT 3321-3	A	6775229	CRT 3331-3	A
6772541	CRT 3331-3	A	6775230	CRT 3331-3	A
6772894	CRT 3331-3	A	6775234	CRT 3331-3	A
6772948	CRT 3331-3	C	6775235	CRT 3321-3	A
6772949	CRT 3331-3	A	6775236	CRT 3321-3	A
6773231	CRT 3331-3	A	6775237	CRT 3321-3	A
6773267	CRT 3531-3	G	6775238	CRT 3321-3	A
6773323	CRT 3531-3	G	6775239	CRT 3321-3	A
6773368	CRT 3331-3	C	6775551	CRT 3331-3	A
6773578	CRT 3331-3	A	6775627	CRT 3331-3	A
6773588	CRT 3321-3	A	6775715	CRT 3331-3	B

CONTINUED ON NEXT PAGE

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

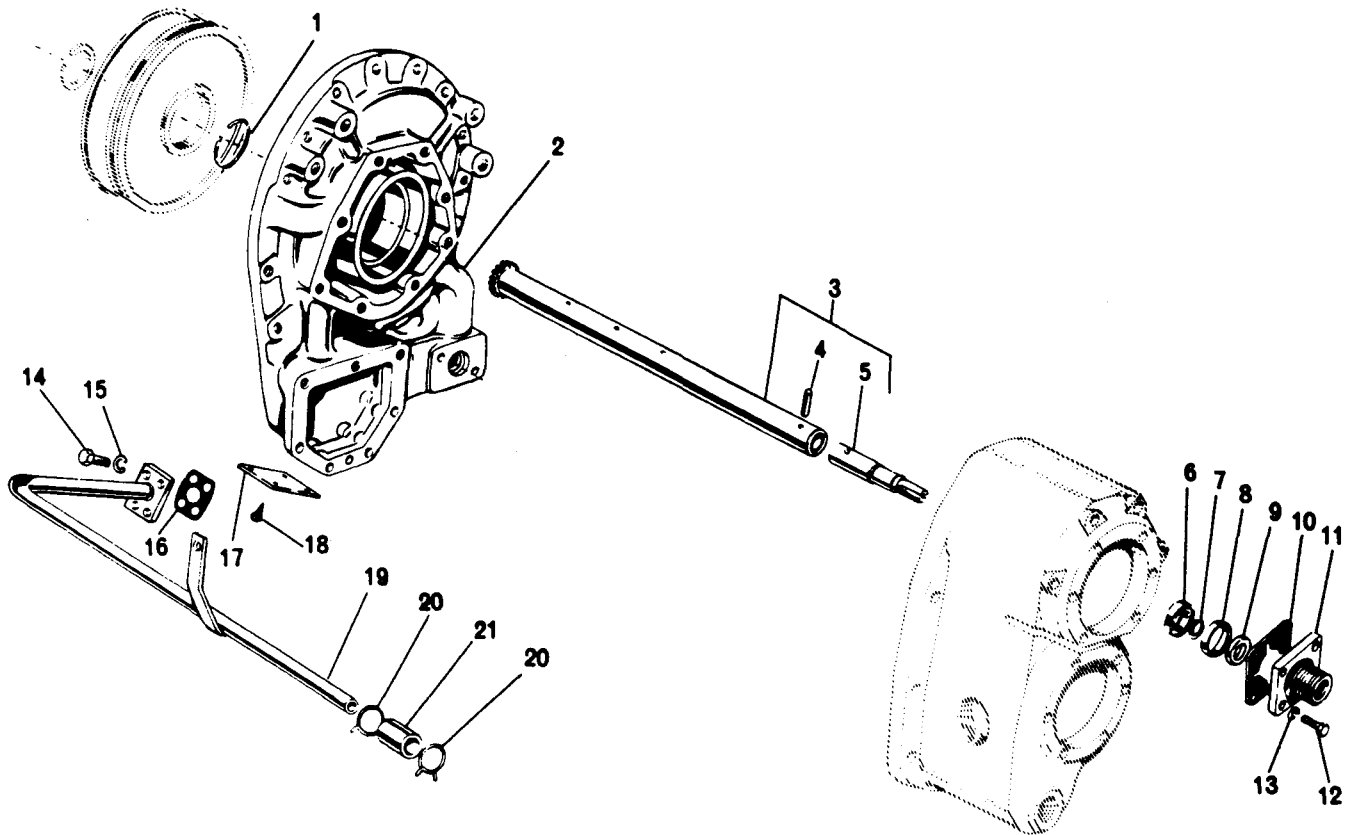


FIG 20. DROPBOX ACAPTER AND GOVERNOR DRIVE

DROPBOX ADAPTER AND GOVERNOR DRIVE SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6834953	CRT 3331-3	A			

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

GROUP H

OIL SUMP ADAPTER, FIGURE 19

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

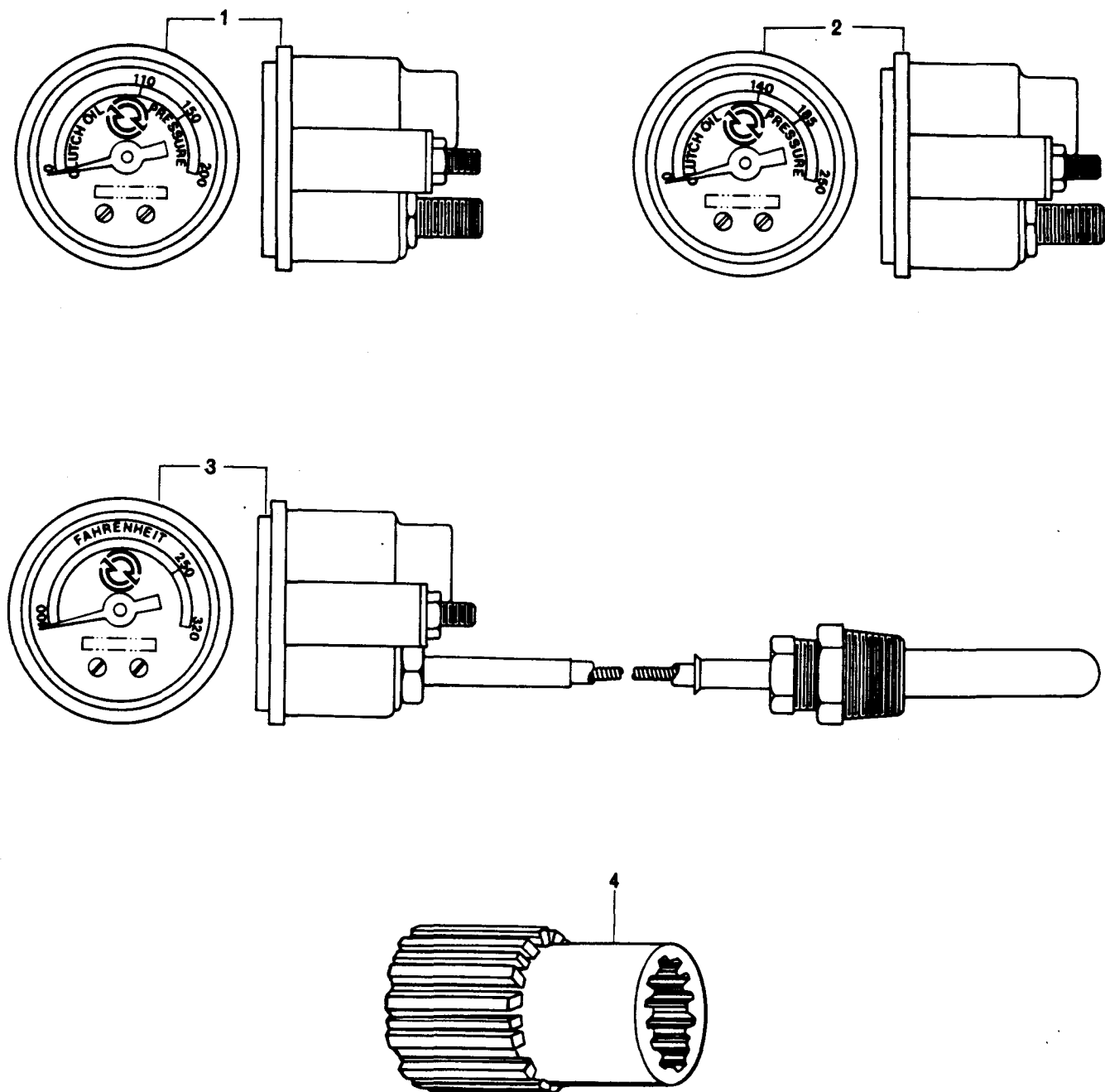
REF NO	NOMENCLATURE	PART NO	REQ	RECCMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	SPACER, REAR OUTPUT	6773268	1		1	2
2	WASHER, REAR OUTPUT THRUST	6773269	1	1	2	5
4	SLEEVE, REAR OUTPUT BEARING	6773270	1		1	2
7	RETAINER, REAR BEARING	6773277	1		1	2
10	SEAL, FLANGE LIP TYPE OIL	6773292	1	1	3	10
13-14	NOT USED IN THIS GROUP.					
16-17	NOT USED IN THIS GROUP.					
20-42	NOT USED IN THIS GROUP.					

GROUP A

DROPBOX ADAPTER AND GOVERNOR DRIVE, FIGURE 20

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	RING, PISTON INNER HOOK TYPE SEAL	6757229	1	1	3	10
2	ADAPTER, DROPBOX	6836020	1		1	2
3	SHAFT ASSY, GOVERNOR DRIVE	6757287	1		1	2
4	PIN, SPRING, 1/8 X 7/8	455862	1	1	2	3
5	COUPLING, GOVERNOR DRIVE	6757314 *	1			
6	BEARING, SINGLE ROW BALL, NDH3202NR1214A	907411	1	1	2	5
7	RING, EXTERNAL SNAP	8894450	1	1	2	5
8	SPACER	6757283	1	1	2	3
9	SEAL, COUPLING LIP TYPE OIL	6752035	1	1	3	10
10	GASKET, GOVERNOR DRIVE ADAPTER	3224773	1	1	3	10
11	ADAPTER, GOVERNOR DRIVE	6752033	1		1	2
12	BOLT, HX HD, 5/16 - 18 X 1 1/8	179819	4	4	8	12
13	WASHER, LOCK, 5/16	103320	4	4	8	12
14	BOLT, HX HD, 7/16 - 20 X 1 1/4	179839	4	4	8	12
15	WASHER, LOCK, 3/8	103321	4	4	8	12
16	GASKET, SCAVENGE PUMP TUBE	6758218	1	1	3	10
17	PLATE, TRANSMISSION NAME	6838494	1		1	2
18	SCREW, DRIVE, NO. 4 X 1/4	145372	4		4	8
19	TUBE, SCAVENGE PUMP	6777791	1		1	2
20	CLAMP, HOSE	272853	2	2	6	20
21	HOSE	6768967	1	1	3	10

* SERVICED AS AN ASSY - NOT AS A DETAIL PART



10829

FIG 21. CLUTCH OIL PRESSURE GAGE, OIL TEMPERATURE GAGE AND
IMPLEMENT PUMP DRIVE COUPLING

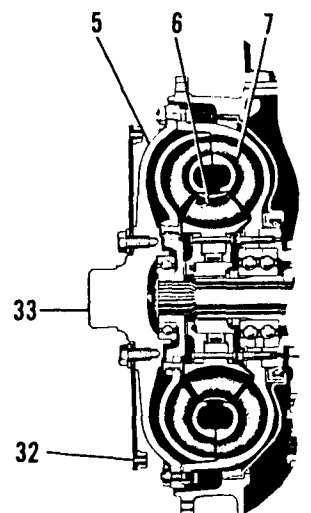
MISCELLANEOUS OPTIONS SECTION

THESE PARTS ARE OPTIONAL ON ALL POWERSHIFT
TRANSMISSIONS LISTED IN THIS CATALOG.

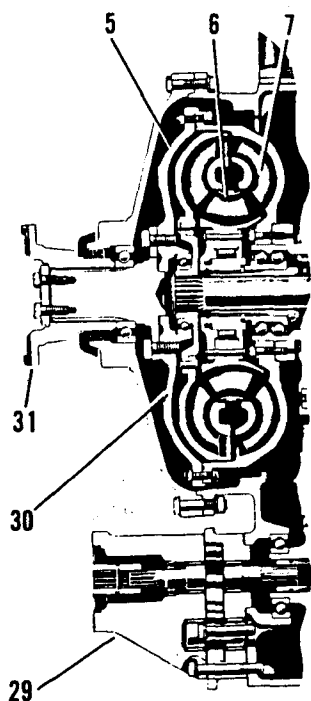
A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
------	-------	-------	------	-------	-------

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

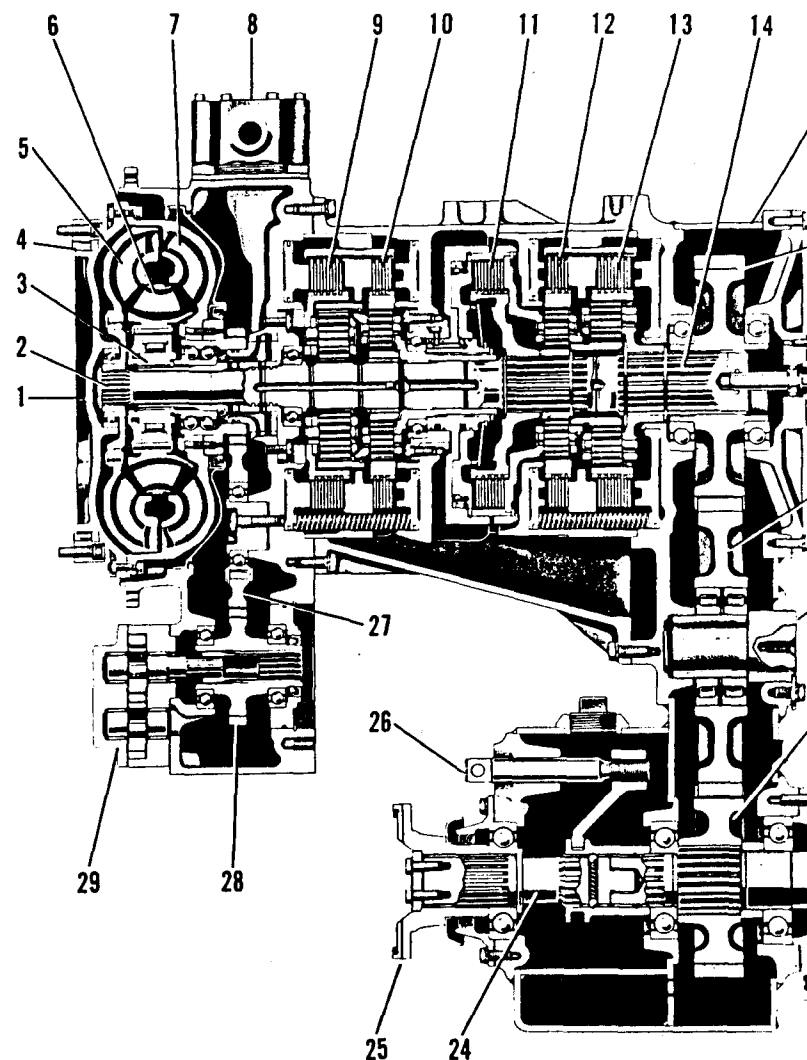
- 1 - Input drive cover - gear driven
- 2 - Turbine shaft
- 3 - Freewheel roller race
- 4 - Input drive gear
- 5 - Turbine
- 6 - Stator
- 7 - Pump
- 8 - Oil cooler
- 9 - Reverse-range clutch
- 10 - Forward clutch
- 11 - Intermediate-range clutch
- 12 - High-range clutch
- 13 - Low-range clutch
- 14 - Planetary output shaft
- 15 - Transfer gear housing
- 16 - Transfer drive gear
- 17 - Speedometer drive
- 18 - Transfer idler gear
- 19 - Idler gear spindle
- 20 - Transfer driven gear
- 21 - Parking brake
- 22 - Rear output flange
- 23 - Rear output shaft
- 24 - Front output shaft
- 25 - Front output flange
- 26 - Shifter fork shaft
- 27 - Implement drive idler gear
- 28 - Implement driven gear
- 29 - Charging oil pump
- 30 - Input drive cover - flange driven
- 31 - Input flange
- 32 - Flex disk drive
- 33 - Input drive cover - flex disk driven
- 34 - Front and rear output shaft



ENGINE MOUNTED
(FLEX DISK DRIVE)



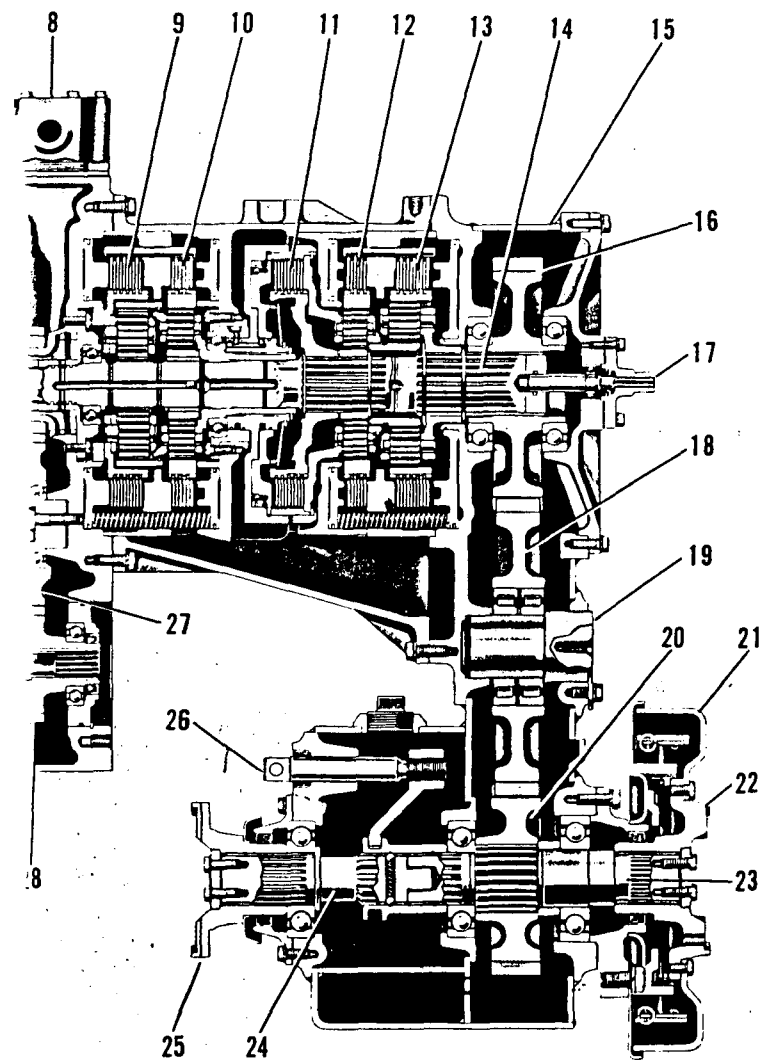
REMOTE MOUNTED
(FLANGE DRIVE)



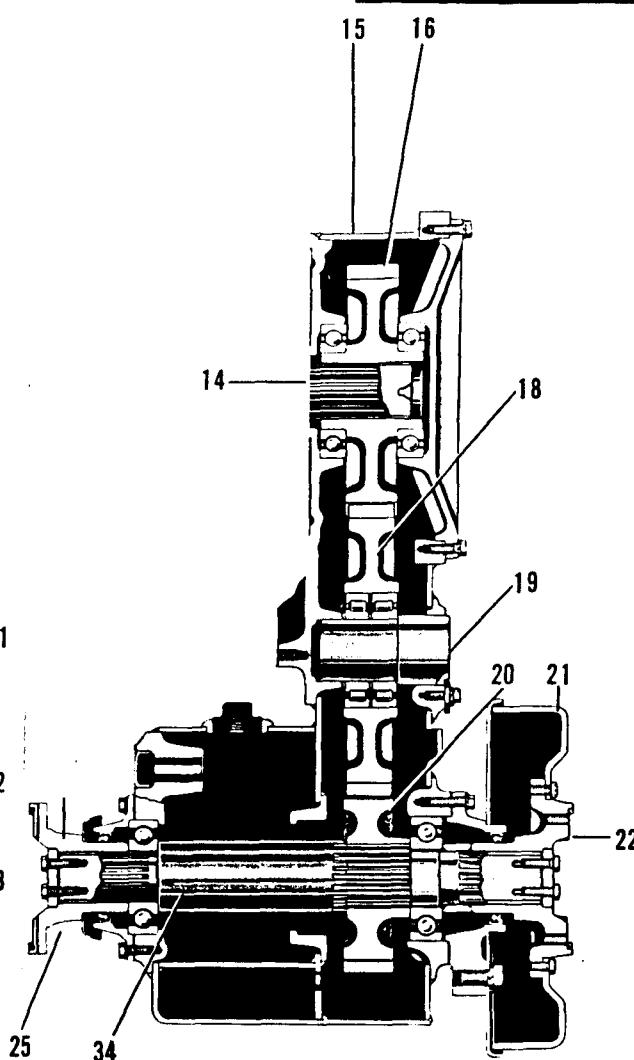
TRANSMISSION ENGINE MOUNTED
(GEAR DRIVE AND FRONT OUTPUT DISCONNECT)

3531 and 3630-1 CROSS SECTION

CROSS SECTION



TRANSMISSION ENGINE MOUNTED
AR DRIVE AND FRONT OUTPUT DISCONNECT



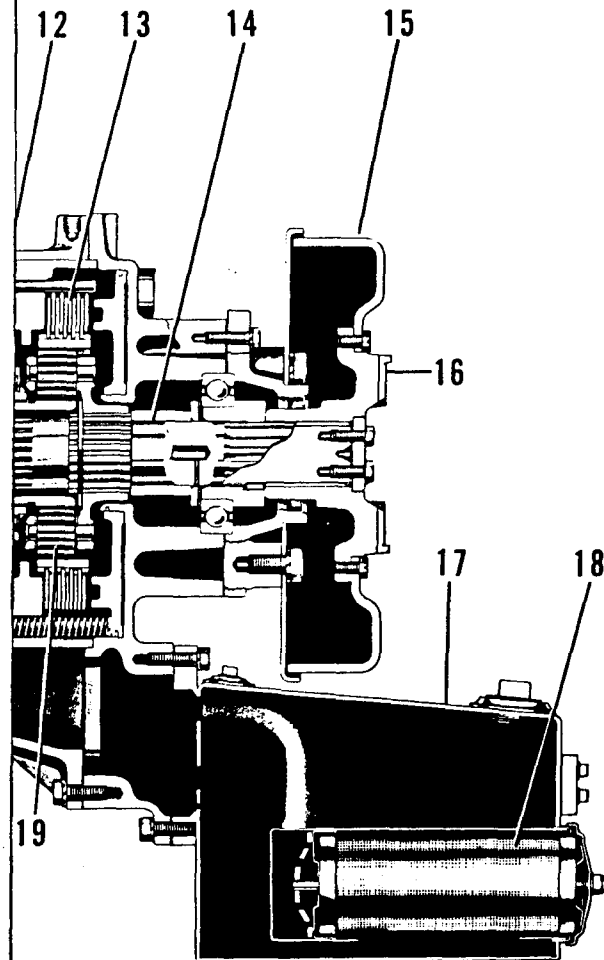
TRANSFER GEAR SECTION
(WITHOUT DISCONNECT)

3531 and 3630-1 CROSS SECTION

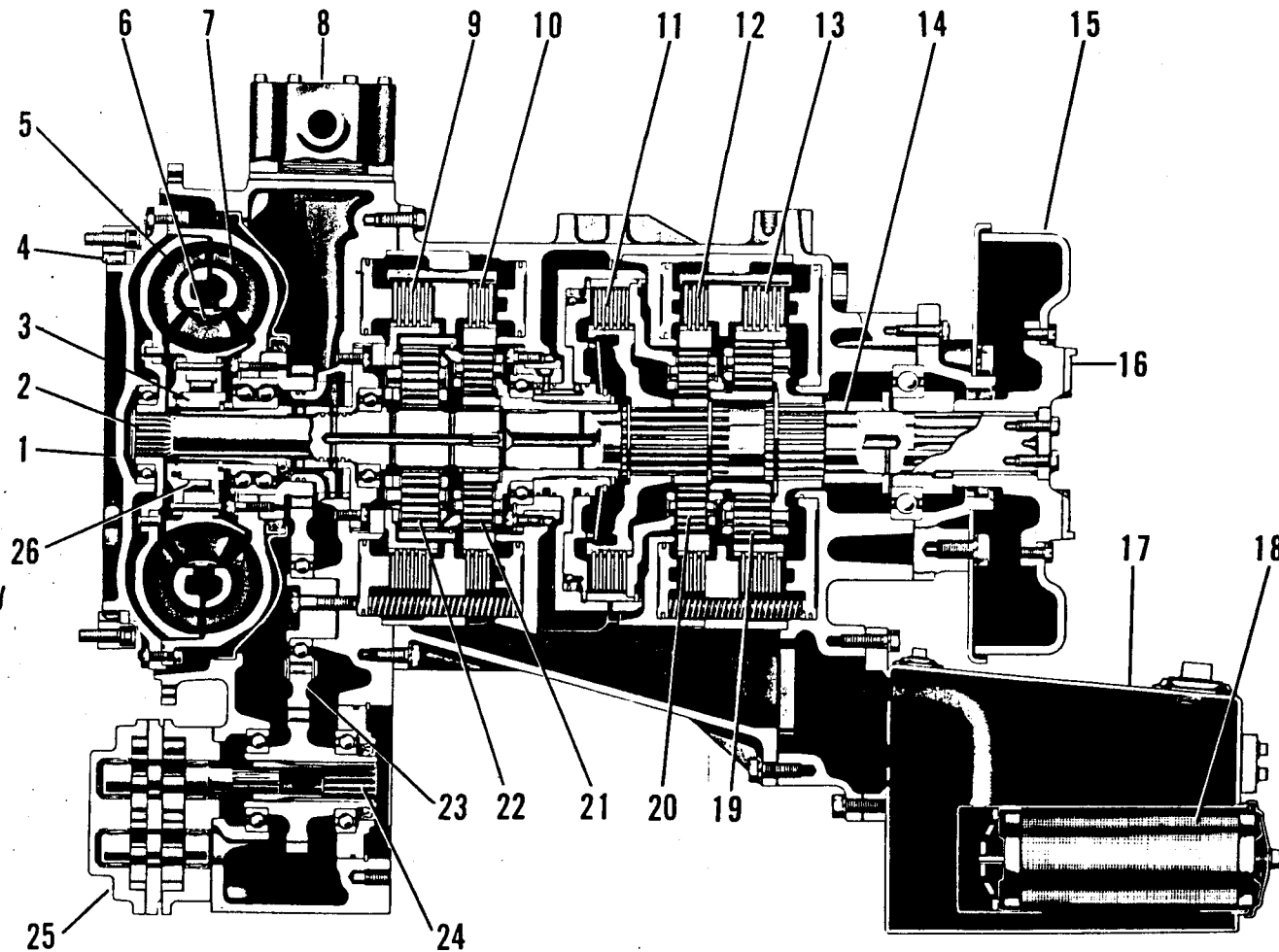
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3531-3
CROSS SECTION

- Input drive cover - gear driven
- Turbine shaft
- Freewheel roller race
- Input drive gear
- Turbine
- Stator
- Pump
- Oil cooler
- Reverse range clutch
- Forward clutch
- Intermediate-range clutch
- High-range clutch
- Low-range clutch
- Output shaft
- Parking brake
- Output flange
- Oil sump
- Oil filter
- Low-range planetary
- High- and intermediate-range planetary
- Forward planetary
- Reverse-range planetary
- Implement drive idler gear
- Implement driven gear
- Charging oil pump
- Freewheel roller
- Input flange
- Input drive cover - flange driven
- Flex disks
- Input drive - flex disk driven



ENGINE MOUNTED
(VE)



TRANSMISSION ENGINE MOUNTED
(GEAR DRIVE)

3531-3 CROSS SECTION

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CLUTCH OIL PRESSURE GAGE, FIGURE 21

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	GAGE, CLUTCH OIL PRESSURE USED W/3321 AND 3331 SERIES TRANSMISSIONS	6838451	1	1	2	3
2	GAGE, CLUTCH OIL PRESSURE USED W/3531 AND 3630 SERIES TRANSMISSION	6838450	1			

OIL TEMPERATURE GAGE, FIGURE 21

3	GAGE, OIL TEMPERATURE W/10 FOOT CAPILLARY	6838457	1	1	2	3
3	GAGE, OIL TEMPERATURE W/6 FOOT CAPILLARY	6838458	1	1	2	3
3	GAGE, OIL TEMPERATURE W/4 FOOT CAPILLARY	6838459	1	1	2	3

COUPLING, IMPLEMENT PUMP DRIVE, FIGURE 21

4	COUPLING, IMPLEMENT PUMP DRIVE SAE C SPLINE . . . TO SAE 9 SPLINE	6771957	1	1	2	3
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SUBJECT: Improved Anchor Lock Pin

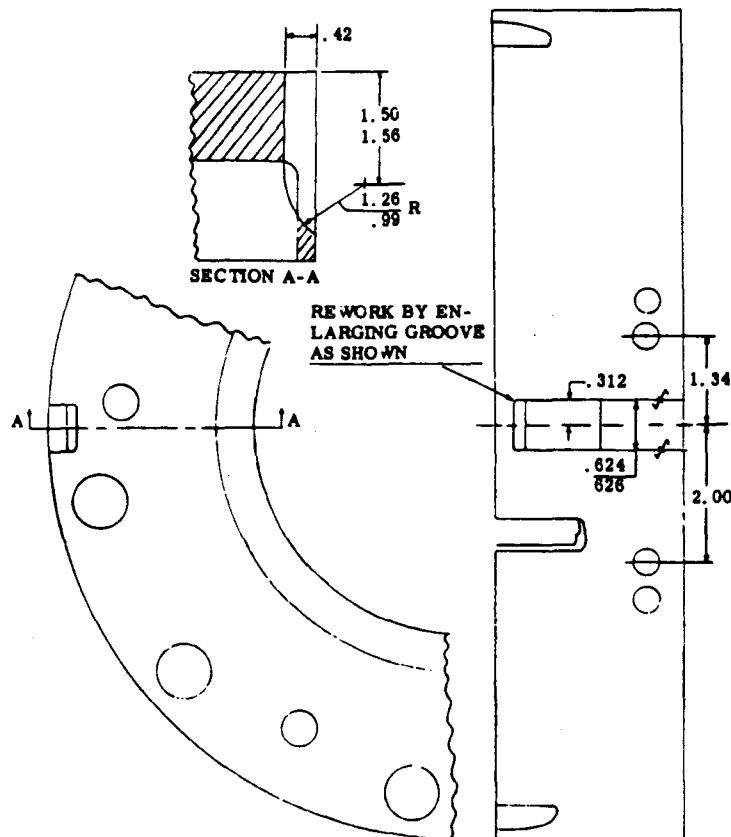
The anchor lock pins and anchor assemblies have been changed in the CRT 3331 transmission, effective with Serial No. 5719. The following table gives information necessary for ordering parts.

The parts changed are as follows:

<u>New Part No.</u>	<u>Old Part No.</u>	<u>Name</u>	<u>Quantity Per Unit</u>
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).



**SUPPLEMENTAL PARTS INFORMATION
(SPI)**

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:

<u>New Part No.</u>	<u>Old Part No.</u>	<u>Part Name</u>	<u>Quantity</u>
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

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<u>New Part No.</u>	<u>Old Part No.</u>	<u>Part Name</u>	<u>Quantity</u>
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.

<u>New Part No.</u>	<u>Old Part No.</u>	<u>Part Name</u>	<u>Quantity</u>
	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

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<u>New Part No.</u>	<u>Old Part No.</u>	<u>Part Name</u>	<u>Quantity</u>
	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:

<u>Part No.</u>	<u>Part Name</u>	<u>Quantity</u>
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:

<u>Part No.</u>	<u>Part Name</u>	<u>Quantity</u>
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:

<u>Part No.</u>	<u>Part Name</u>	<u>Quantity</u>
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:

<u>Part No.</u>	<u>Part Name</u>	<u>Quantity</u>
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

<u>Part No.</u>	<u>Part Name</u>	<u>Quantity</u>
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:

<u>Part No.</u>	<u>Part Name</u>	<u>Quantity</u>
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:

<u>Part No.</u>	<u>Part Name</u>	<u>Quantity</u>
6773086	Housing, Transfer Gear	1

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<u>Part No.</u>	<u>Part Name</u>	<u>Quantity</u>
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

Subject: Optional Transmission Output Shaft

Equipment Affected: CRT 3331-1 Model Transmissions
CRT 3531-1 Model Transmissions

A one piece transmission output shaft P/N 6779249 has been released as an option for use on the subject transmissions not having a front output disconnect requirement. As illustrated the new shaft eliminates several parts and simplifies installation.

Fig. 1. Optional configuration

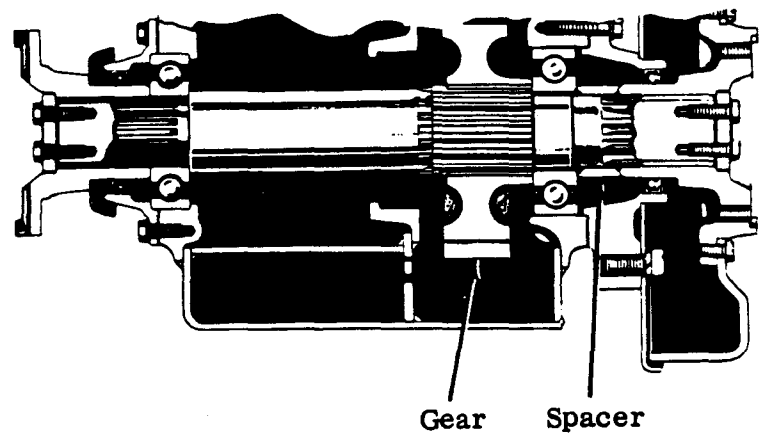
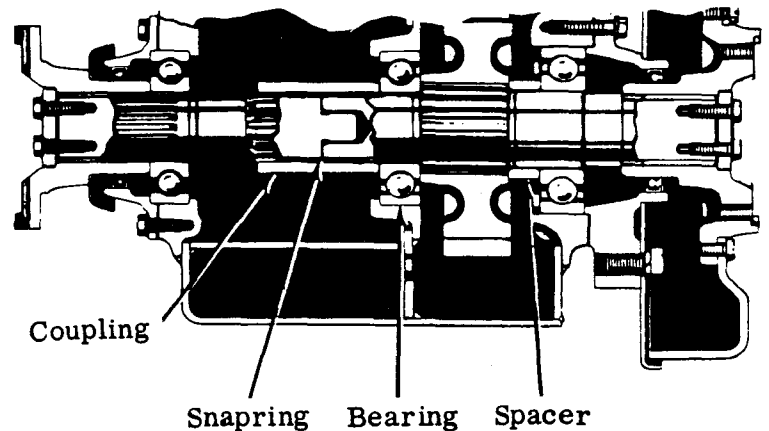


Fig. 2. Standard configuration



Part Number Changes

No new parts are required when replacing the 2-piece shaft configuration with the new shaft.

Note: If the rear output location is used, for an output source or parking brake, a new spacer P/N 6830074 is required. See Figure 1.

Effect on Interchangeability

Interchangeability is affected only to the extent that bearing, coupling, snapping and old spacer in Fig. 2 are no longer required. Bearing eliminated at the central web in housing is the same as the one used at the front output location.

The same output driven gear is used except it is installed with the long hub side toward the rear output. See Fig. 1.

Service Manager

Transmission Products

Subject: Transmission Converter Ground Sleeve Sealrings

Equipment Affected: All CRT-3000 Series Transmissions

This is to advise of a quantity change of the hook-type sealrings, Part No. 8347398, required on the converter ground sleeve of the subject transmissions. Refer to Figure 1. As illustrated, two (2) have been used to date at this location. It has been determined that only one (1) is required. Therefore, all future production transmissions will have one sealring only at this location.

Until present stock is exhausted, the converter ground sleeves used in some production transmissions will still have two sealring grooves (ring land), but only one sealring. The sealring may be installed in either groove. Converter ground sleeves will conform to a single groove at a later date. Overhaul Service Kits will contain one sealring only.

Interchangeability Not Affected

Interchangeability not affected by these changes.

Ground sleeves, having one groove or two grooves, may be used on any CRT-3000. One sealring only is required on any CRT-3000 - sealring may be installed in either groove.

The same sealring, Part No. 8347398, is used on all transmissions, regardless of the ground sleeve (one groove or two grooves) used.

**Service Manager
Transmission Products**

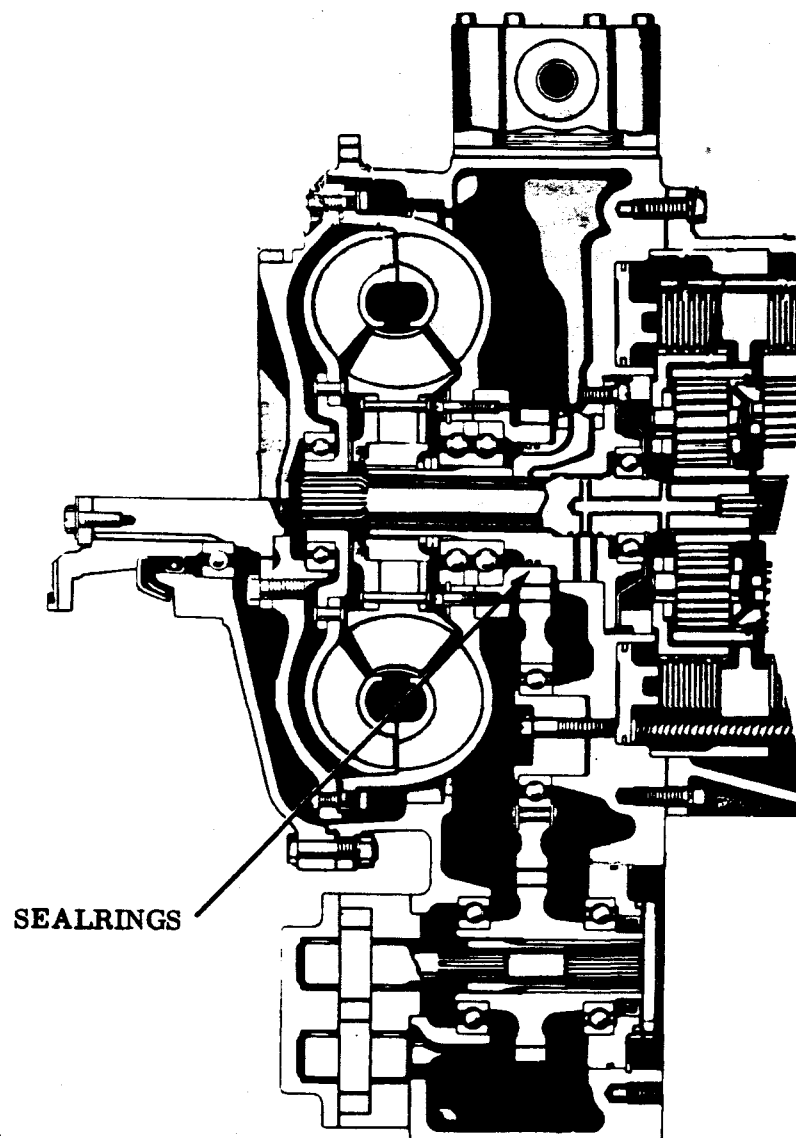


FIGURE 1. LOCATION OF SEALRINGS ON CONVERTER GROUND SLEEVE

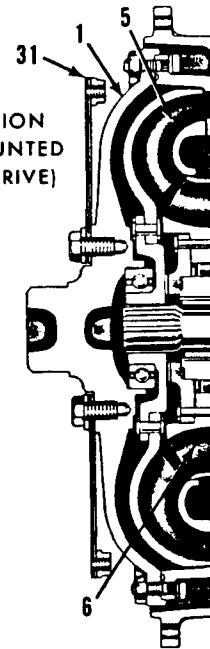
GROUP A

REAR OUTPUT DISCONNECT CLUTCH, FIGURE 18

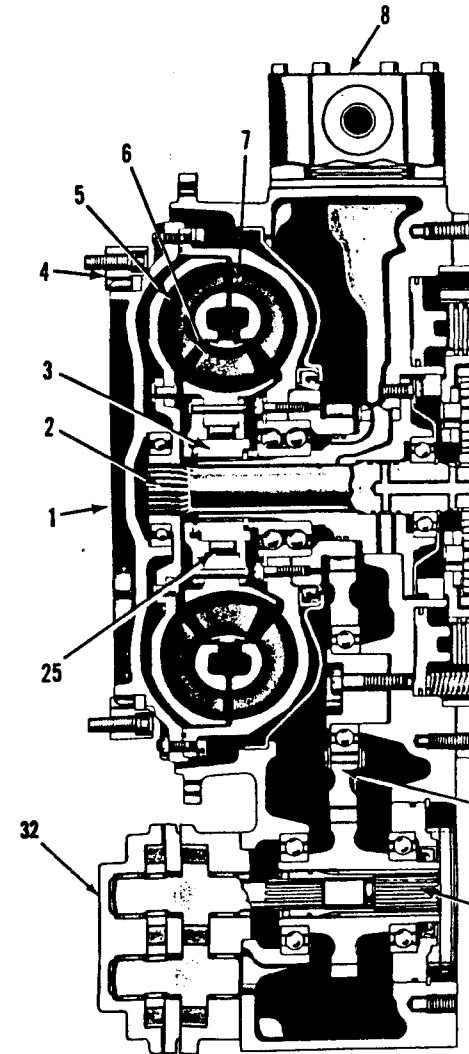
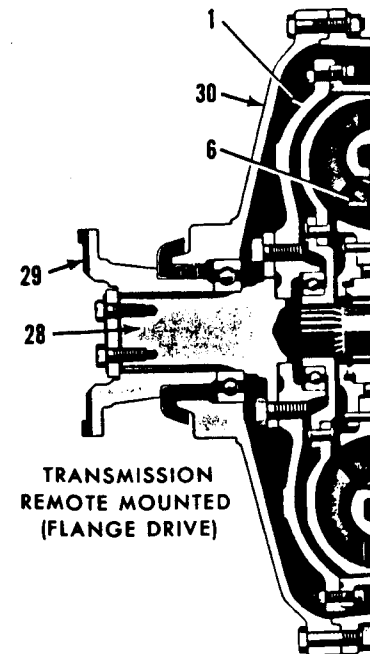
REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	GASKET	6755674	2	2	6	20
2	HOUSING, REAR OUTPUT DISCONNECT	6755189	2		2	4
3	FORK, DISCONNECT	6756396	2		2	4
4	SEAL, DISCONNECT FORK SHAFT LIP TYPE OIL	7994981	2	2	6	20
5	SHAFT, DISCONNECT FORK	6755193	2		2	4
6	COUPLING, REAR OUTPUT DRIVE	6772942	2		2	4
7	WASHER, THRUST	6751631	2	2	4	10
8	COUPLING, REAR OUTPUT SHAFT	6751630	2		2	4
9	SPRING, REAR OUTPUT DISCONNECT DETENT, 12 COILS4375 OD, .0585-.0595 WIRE DIA	5171417	2	2	4	8
10	BALL, DETENT	145657	4	4	8	16
11	SHAFT, REAR OUTPUT	6756388	2		2	4
12	BEARING, SINGLE ROW BALL NDH 3313R1A	903313	2	2	4	10
13	GASKET, BEARING RETAINER	6755672	2	2	6	20
14	RETAINER, BEARING	6755190	2		2	4
15	SEAL, REAR OUTPUT FLANGE LIP TYPE OIL	6773311	1	1	3	10
16	BOLT, HX HD, 1/2-13 X 1 1/2	179885	12	12	24	36
17	WASHER, LOCK, 1/2	103323	12	12	24	36
18	BOLT, HX HD, UPPER OUTPUT DRIVE ONLY, 1/2-13 X 1 1/2	179885	6	6	12	18
19	WASHER, LOCK, 1/2	103323	12	12	24	36
20	BOLT, HX HD, LOWER OUTPUT DRIVE ONLY, 1/2-13 X 2 3/4	179892	6	6	12	18

- 1 - Converter pump cover
- 2 - Converter shaft
- 3 - Freewheel roller race
- 4 - Input drive teeth
- 5 - Converter turbine
- 6 - Converter stator
- 7 - Converter pump
- 8 - Oil cooler
- 9 - Reverse clutch
- 10 - Forward clutch
- 11 - Intermediate-range clutch
- 12 - High-range clutch
- 13 - Low-range clutch
- 14 - Transmission main shaft
- 15 - Rear output drive flange
- 16 - Parking brake
- 17 - Oil sump
- 18 - Oil strainer
- 19 - Low-range planetary
- 20 - High-range planetary
- 21 - Forward planetary
- 22 - Reverse planetary
- 23 - Accessory drive idler gear
- 24 - Oil and implement pump drive gear
- 25 - Freewheel roller
- 26 - Piston spacer
- 27 - Oil collector
- 28 - Input drive shaft
- 29 - Input drive flange
- 30 - Front cover
- 31 - Input flex disk drive
- 32 - Oil pump

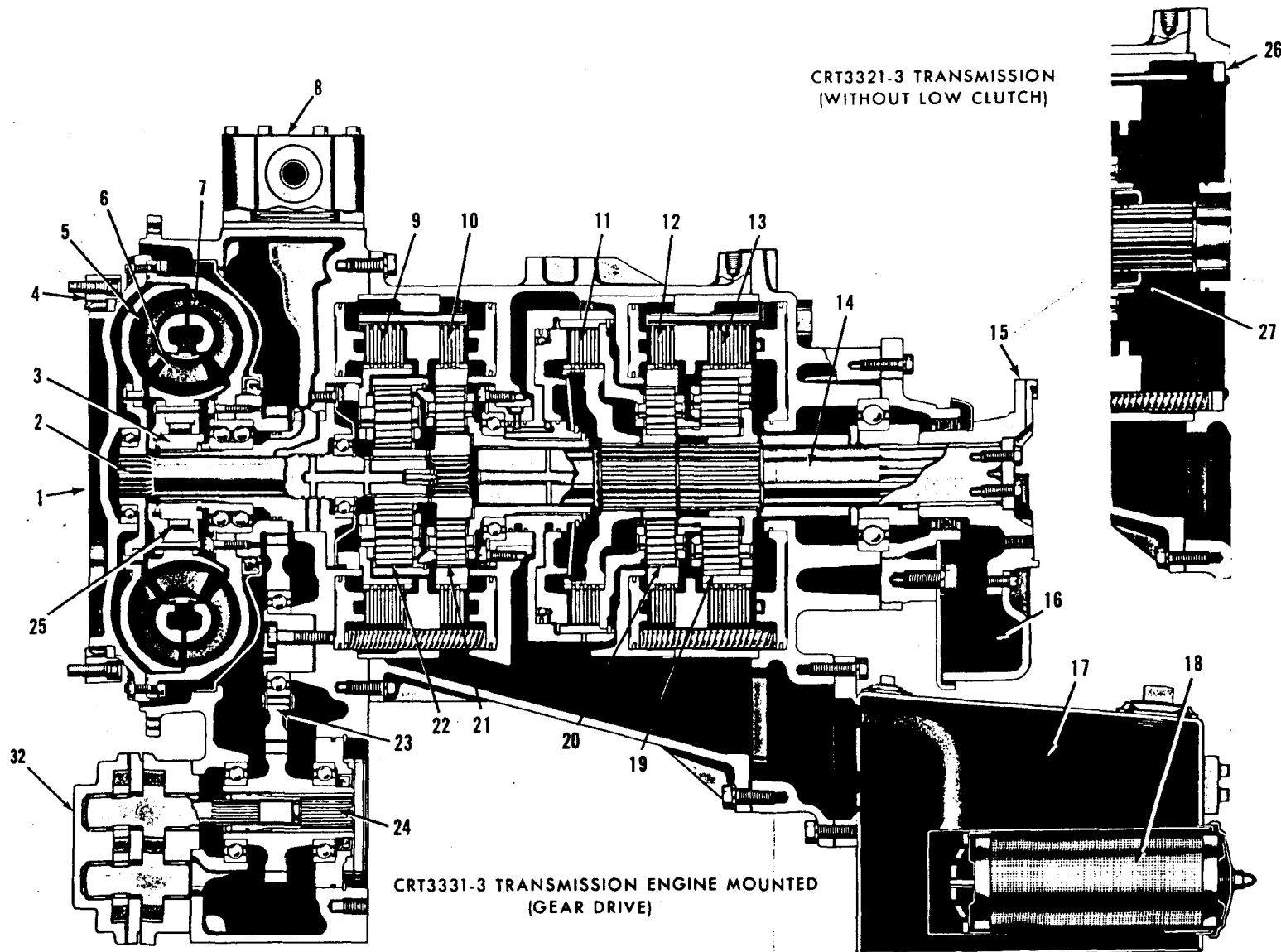
TRANSMISSION
ENGINE MOUNTED
(FLEX DISC DRIVE)



TRANSMISSION
REMOTE MOUNTED
(FLANGE DRIVE)



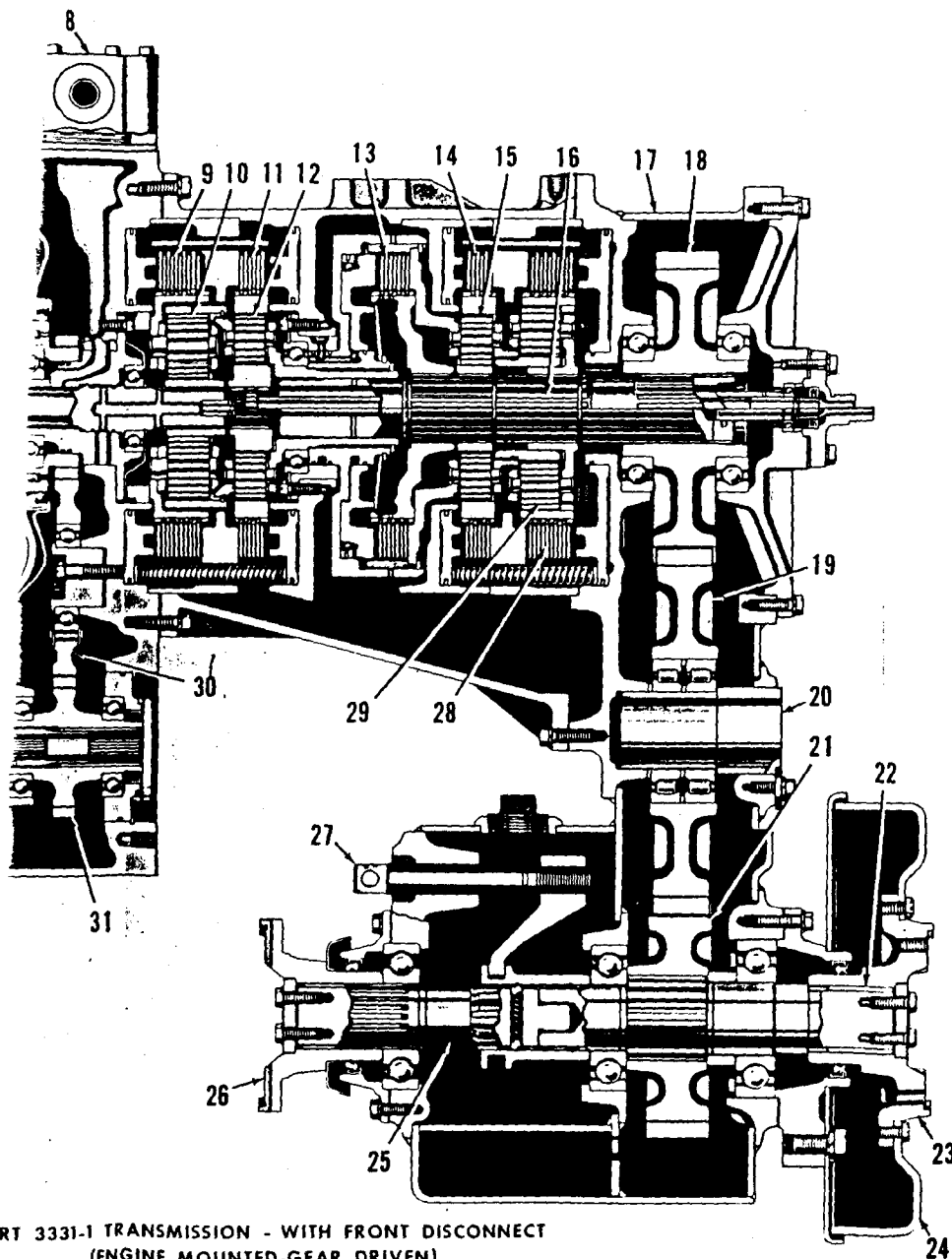
**3321 and 3331-3
CROSS SECTION**



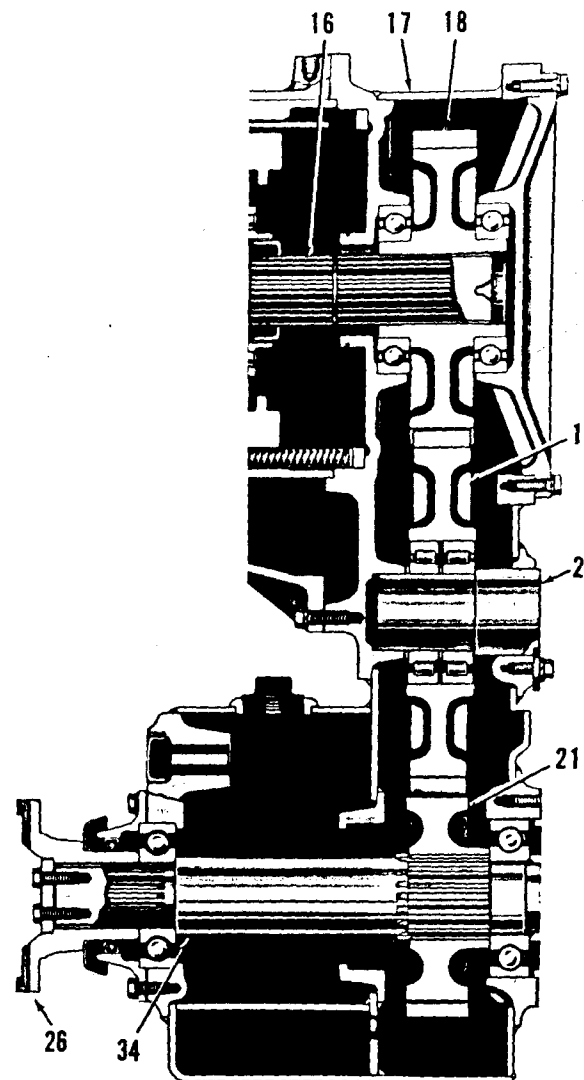
3321 and 3331-3 CROSS SECTION

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CRT 3321-1 GEAR CASE
CROSS SECTION



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

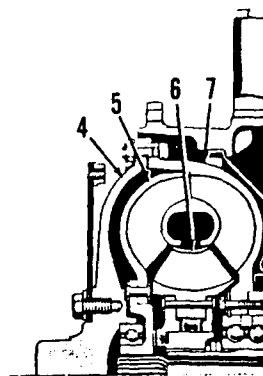


CRT 3321-1 TRANSMISSION TRANSFER
GEARS WITHOUT DISCONNECT

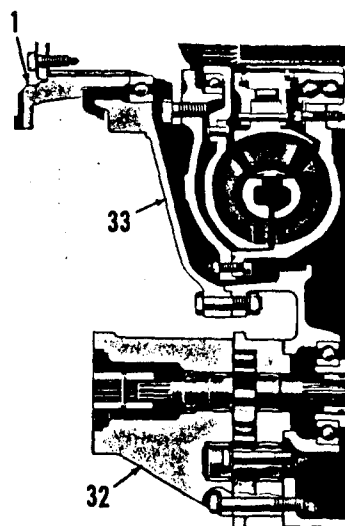
3321 and 3331-1 CROSS SECTION

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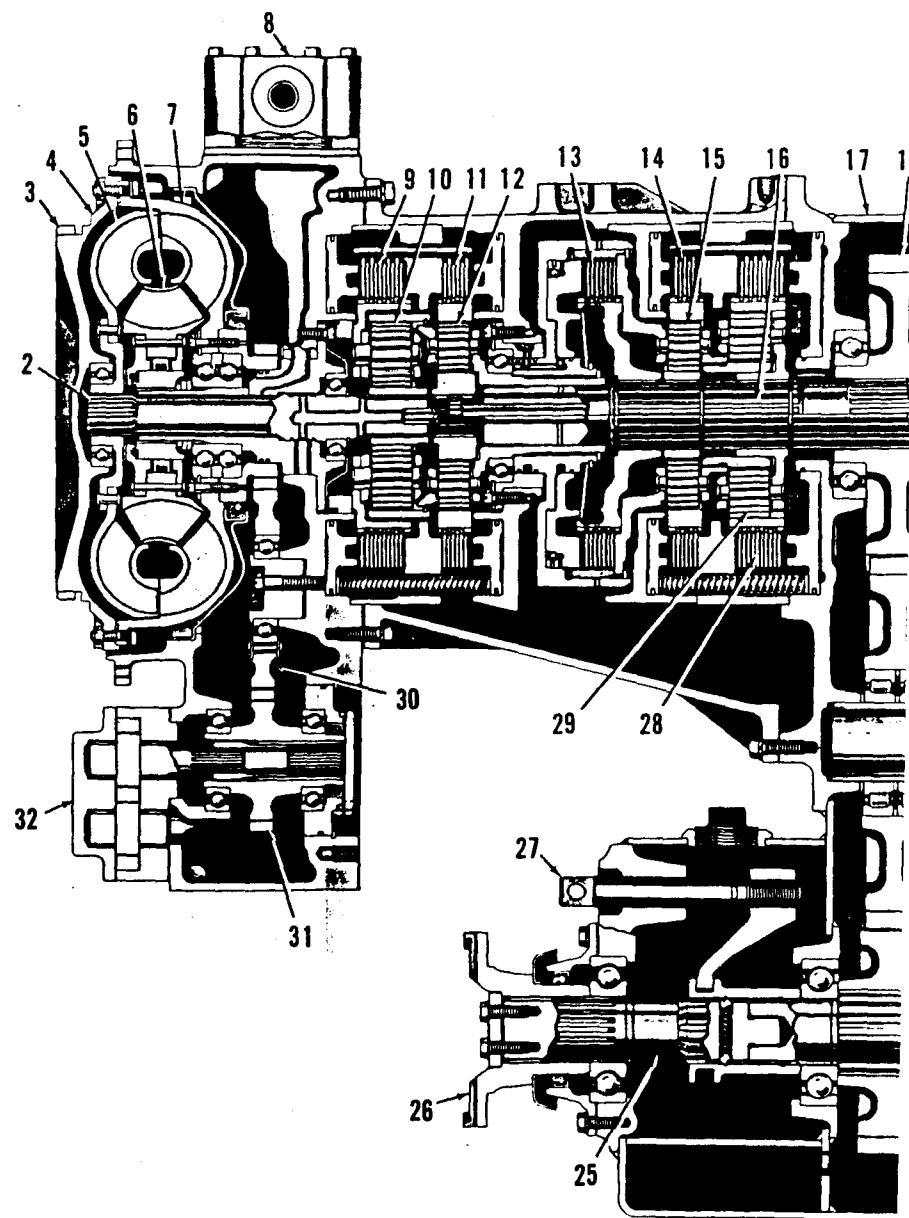
- 1 - Input drive flange (remote-mount)
- 2 - Converter shaft
- 3 - Input drive teeth
- 4 - Converter pump cover
- 5 - Converter turbine
- 6 - Converter stator
- 7 - Converter pump
- 8 - Oil cooler
- 9 - Reverse-range clutch
- 10 - Reverse-range planetary
- 11 - Forward-range clutch
- 12 - Forward-range 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)