

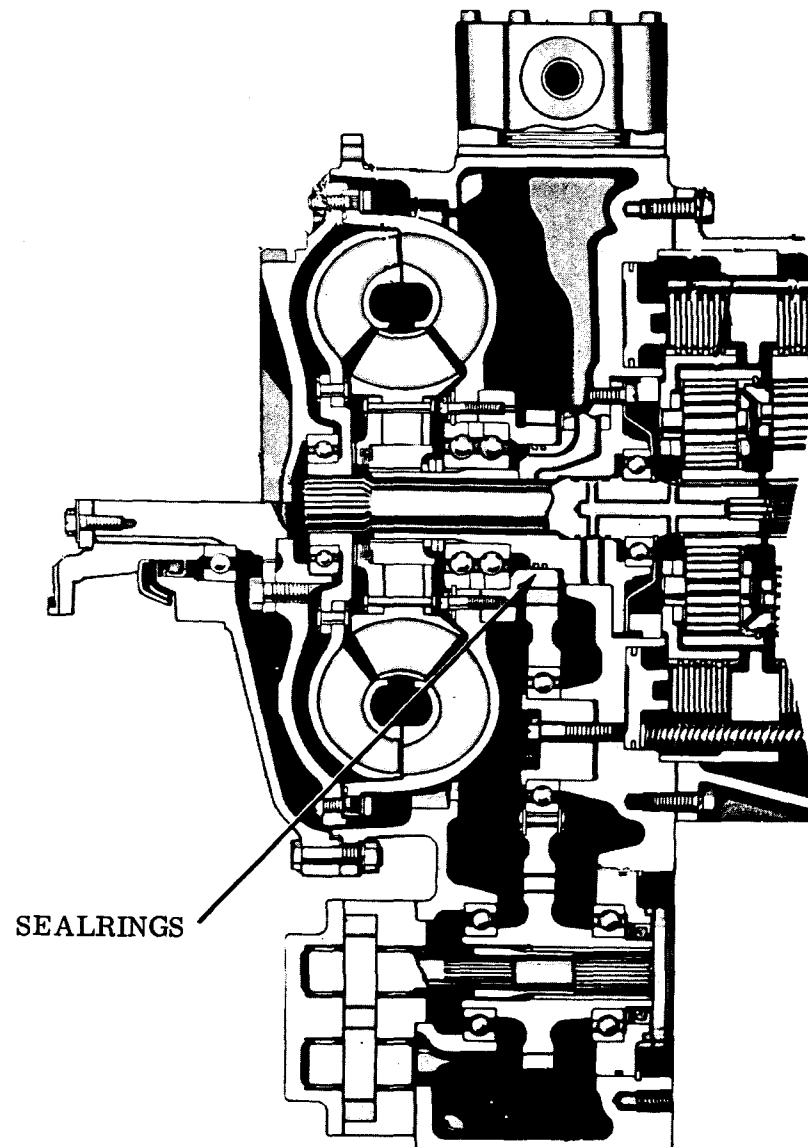


FIGURE 1. LOCATION OF SEALRINGS ON CONVERTER GROUND SLEEVE

SUBJECT: TC-300 and CRT-3330/3331 Sand Cast Converter Elements

EQUIPMENT AFFECTED: TC-300/CRT-3330/3331 Prior to 1965 Model Year Production

Effective with 1965 Model Year production on subject products and for converter efficiency, the sand cast four element converter components were replaced with the three element converter components.

With the exhaustion of present stock, service maintenance on the sand cast converter elements has been eliminated. Service will be provided as listed below:

<u>Model</u>	<u>Cancelled Part No.</u>	<u>Part Name</u>	<u>Service With Part No.</u>
TC-300/CRT-3330	6755467	Turbine Assy.	6776818
TC-300/CRT-3330/3331	6769453	Turbine Assy.	6776818
TC-300	6772310	Turbine Assy.	6776819
TC-300/CRT-3330/3331	See Below	Stator Assy.	6836585
TC-300/CRT-3330/3331	6768903	Stator Assy.-First	
TC-300	6769105	Stator Assy.-First	
TC-300/CRT-3331	6768727	Stator Assy.-First	
TC-300/CRT-3330/3331	6768902	Stator Assy.-Second	
TC-300	6756847	Pump Assy.-Conv.	6779597
CRT-3330/3331	6757220	Pump Assy.-Conv.	6779598
TC-300	6756001	Pump Assy.-Conv.	6779599
CRT-3330/3331	6757313	Pump Assy.-Conv.	6779600
TC-300	6768707	Pump Assy.-Charging	6774794
TC-300	6755325	Cover Assy.-Conv.	6772408

With the exception of the turbine assemblies, if any one converter element requires replacement, the other elements must also be replaced. The die cast turbines are functionally and physically interchangeable with the sand cast elements. When changing from sand cast to die cast elements, the other related parts must also be changed. This would include the stator race, thrust washer, converter pump hub, bearing, accessory drive gear, etc. Refer to parts catalog for correct part numbers.

Service Manager - Transmission Operations

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.

NOTE

Use this Index for reference only, do not order parts directly from this Index--use the proper group referenced.

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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			RB 9438932
103026	16	12		145372			R 142862
103320	17	11		145372	11	18	
103320	17-1	10		145372	19	19	
103320	20	13		145372	20	18	
103321	2	12		145643			RB 145656
103321	4	8		145643	15	12	
103321	4	12		145656			R 145643
103321	6	3		145656			RB 453577
103321	6	15		145657	18	10	
103321	6-1	16		145659			RB 453637
103321	6-1	20		148415	6	8	
103321	6-2	2		148415	6	12	
103321	6-2	5		148415	6-1	9	
103321	6-2	24		148415	6-1	14	
103321	8	10		148415	6-2	7	
103321	11	21		148415	6-2	16	
103321	11	30		179819	17	10	
103321	11	36		179819	17-1	11	
103321	11	45		179819	20	12	
103321	11	49		179837	4	9	
103321	13	2		179838	4	13	
103321	13-1	2		179838	11	50	
103321	14	2		179839	6	16	
103321	15	3		179839	6-1	17	
103321	16	11		179839	11	35	
103321	19	8		179839	11	44	
103321	19	20		179839	15	2	
103321	20	15		179839	19	21	
103322	8	3		179839	20	14	
103322	8	7		179840	11	22	
103322	11	26		179841	11	22	
103322	19	14		179841	13	4	
103322	19	16		179841	13-1	3	
103323	11	30		179841	14	3	
103323	18	17		179842	11	31	
103323	18	19		179842	19	9	
103325	16	10		179843	4	13	
103772	13-1	27		179843	6-2	23	
103772	13-1	40		179845	15	2	
103877			RB 445684	179848	6	1	
105456	13	29		179848	6-1	19	
105456	13	43		179848	6-2	4	
105456	13-1	25		179849	13	5	
105456	13-1	42		179850	6	2	
105462			RB 6768523	179850	6-1	18	
106643	11	8		179851	13-1	4	
106644	11	15		179857	11	27	
106644	11	51		179858	11	27	
106644	19	15		179861	8	4	
115308	11	2		179861	8	8	
115308	19	40		179862	19	28	
115549	4	26		179882	2	6	
131642	19	41		179884	11	31	
139795			RB 453675	179885	18	16	
141159			RB 9421034	179885	18	18	
141199	6-2	10		179892	11	30	
142756	14	6		179892	18	20	
142756	14	15		181343	11	1	
142862			RB 145372	181365			RB 9409036

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PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
181379	2	2		903010	2-2	7	
181397	19	17		903010	2-2	10	
181413	19	32		903202			R 954498
181429	3	11		903202			RB 907411
186271	5	8		903207			RB 907808
186283	13	1		903208	2	11	
186284	6-2	1		903208	2-1	6	
186628			R 454914	903208	2-2	7	
186628	8	11		903209			R 6758621
271505	19	13		903209	4	32	
271556	16	9		903209	4	46	
272808			RB 272858	903210			RB 901210
272853	19	24		903211	2	5	
272853	20	20		903213	12	8	
272855	11	10		903213	15	7	
272855	11	12		903215	19	3	
272858			R 272808	903216	12	1	
272858	4	14		903216	12-1	1	
443767	6	7		903311	12	8	
443767	6-1	8		903311	15	7	
444576			RB 444618	903312	12	14	
444592			RB 444594	903312	12-1	9	
444594			R 444592	903313	18	12	
444594	11	34		907411			R 903202
444594	11	42		907411	17	4	
444594	19	35		907411	17-1	4	
444612			RB 23012036	907411	20	6	
444618			R 444576	907808			R 903207
444618			RB 23012035	907808	4	22	
444660			RB 23014163	907833			R 9419967
444672			RB 23012031	907833			RB 907843
444678			RB 23012034	907834			R 9417910
445684			R 103877	907834			RB 907851
445684	13-1	20		907843			RB 907833
445684	13-1	29		907843	3-1	19	
445686	19	29		907851			R 907834
445751			RB 23012038	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	
499204			RB 6833388	6700213			R 6757226
901210			R 903210	6700213	7	11	
901210	5	12		6700213	10	27	
903010	2	11		6700213	10	34	
903010	2	16		6703059	10	36	
903010	2-1	6		6703159	13	15	
903010	2-1	9		6703159	13	23	

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PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6703159	13-1	18		6755269	1	2	
6703159	15	15		6755378			RB 6881037
6703162	13-1	14		6755403	4	2	
6750046	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		6755892	3	7	
6750558	13	42		6755896	3	10	
6750558	13-1	23		6755897	3	8	
6750558	13-1	44		6755897	3-1	14	
6750905	12-1	2		6755988			RB 23014542
6750912	13-1	34		6756002	6	17	
6750924	12	6		6756002	6-1	21	
6750924	12-1	6		6756002	6-2	18	
6750945	13-1	13		6756002	6-2	28	
6750945	13-1	30		6756030			R 6756030
6751630	18	8		6756030			RB 6756030
6751631	18	7		6756030			RB 6836301
6751632	9	23		6756030	4	50	
6751632	12	22		6756072			RB 6774695
6751633	9	24		6756124	6-2	14	
6751633	12	23		6756164	14	12	
6751634	9	22		6756348			RB 6774572
6751634	12	21		6756388	18	11	
6752033	17	9		6756396			RB 23012852
6752033	20	11		6756544			R 6757754
6752035	17	7		6756544			RB 6773842
6752035	17-1	7		6756586	7	9	
6752035	20	9		6756593			RB 6770811
6753487	4	42		6756622	14	5	
6753544			RB 6774188	6756622	14	16	
6753866			RB 23016564	6756654			RB 6838450
6753938			RB 6773373	6756665			RB 6838457
6754299	5	5		6756667			RB 6838458
6754314	5	3		6756835	12	10	
6754707			RB 6772661	6756835	12	18	
6754783	9	21		6757148	7	36	
6754783	12	20		6757149	7	13	
6754815	9	9		6757152	7	12	
6754815	9	12		6757153	6	5	
6754815	10	36		6757155			RB 6770953
6754832	9	11		6757157	7	34	
6754852	7	26		6757159	4	25	
6754852	10	3		6757160			RB 6768444
6754866			RB 6770955	6757161			RB 6768445
6754866	7	23		6757162	6	14	
6754866	10	4		6757162	6-1	11	
6754867	7	25		6757163	6	10	
6754867	10	2		6757164	7	20	
6754882			RB 6772068	6757165	6	4	
6754888	4	24		6757168			RB 6769584
6754994	3	5		6757172	12	15	
6754999			RB 6771296	6757172	12-1	12	
6755007	7	28		6757173	12	16	
6755189	18	2		6757173	12-1	13	
6755190	18	14		6757174			RB 6759537
6755193	18	5		6757175			RB 6769529

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PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
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	48	
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	
6757283	20	8		6758237	4	16	
6757287	17	1		6758238	11	37	
6757287	20	3		6758259	16	7	
6757290			RB 6771854	6758260	16	5	
6757291	11	23		6758261	16	6	
6757297	6	11		6758262	16	4	
6757298	6	13		6758274			RB 6772407
6757307			RB 6768385	6758284			RB 6768903

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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		6759959	3-1	9	
6759024			RB 6771855	6759967	3-1	15	
6759025			RB 6832384	6763299	4	19	
6759025			RB 6835757	6764333	6-1	23	
6759469	10	6		6764333	6-2	20	
6759470	10	10		6764780	4	30	
6759471			RB 6777453	6768245			RB 6769681
6759472			RB 6772427	6768267			RB 6832907
6759473	10	9		6768270	12	13	
6759480	5	15		6768271	3	15	
6759481	11	40		6768272	3	14	
6759481	19	7		6768283	9	5	
6759484			RB 6770873	6768324	1	3	
6759485	10	38		6768385			R 6757307
6759486			RB 6769668	6768385			RB 6771913
6759490			RB 6769558	6768444			R 6757160
6759491	9	6		6768444			RB 6768804
6759492			RB 6769586	6768445			R 6757161
6759493			RB 6777016	6768445			RB 6777452
6759494	10	23		6768446			R 6757183
6759498			RB 6769643	6768446			R 6775541
6759499	13-1	1		6768446	7	6	
6759504			RB 6833930	6768446	7	17	
6759507			RB 6830404	6768446	9	29	
6759507	12	11		6768446	9	31	
6759508			RB 6777015	6768446	10	15	
6759509			RB 6837422	6768446	10	21	
6759513	8	5		6768450	7	4	
6759515			RB 6768805	6768451			RB 6768806
6759516			RB 6769560	6768453			R 6757190
6759517	11	25		6768453			RB 6768808
6759519	10	1		6768472			RB 6769996
6759526			RB 6773336	6768523			R 105462
6759527			RB 6770930	6768523	13-1	12	
6759537			R 6757174	6768543			R 6757633
6759537			RB 6777391	6768543	1	5	
6759537	15	6		6768719	19	1	
6759539			RB 6777403	6768721			RB 6773271
6759540			RB 6830403	6768722	19	5	
6759540	12	9		6768723	19	2	
6759541	4	28		6768724			RB 6770074
6759543			RB 6772431	6768725	13-1	5	
6759544	13-1	5		6768727	3	2	
6759547			R 6757343	6768728			RB 6769645

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PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6768730	19	6		6769590			RB 23013719
6768733	19	26		6769641			R 6757261
6768804			R 6768444	6769641	13-1	31	
6768804			RB 6830429	6769642			R 6757258
6768805			R 6759515	6769642	13-1	36	
6768805			RB 6836080	6769643			R 6759498
6768806			R 6768451	6769643	13-1	16	
6768806			RB 6773609	6769645			R 6768728
6768808			R 6768453	6769645	13-1	38	
6768808			RB 6773610	6769668			R 6759486
6768902			R 6755464	6769668			RB 6772568
6768902	3	6		6769677			RB 6772567
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		6769987			RB 6774968
6769402	13	21		6769994	11	7	
6769402	13-1	10		6769995			R 6757763
6769402	13-1	33		6769995	11	3	
6769413	6-2	17		6769995	19	39	
6769426	13-1	32		6769996			R 6768472
6769440	13-1	32		6769996	11	6	
6769453			R 6757713	6769996	19	36	
6769453	3	1		6769998	13-1	5	
6769529			R 6757175	6769999	13-1	16	
6769529	4	18		6770038	1	13	
6769532			R 6757249	6770044	12	11	
6769532	15	11		6770045	15	9	
6769558			R 6759490	6770046	12	9	
6769558	8	9		6770074			R 6768724
6769558	8	12		6770074	19	4	
6769560			R 6759516	6770092			R 6757268
6769560	7	16		6770092			RB 6772723
6769560	10	17		6770099	1	12	
6769584			R 6757168	6770169	11	13	
6769584	5	9		6770171	1	6	
6769585			R 6769586	6770172	1	9	
6769585	4	31		6770298	13	33	
6769586			R 6759492	6770423	14	8	
6769586			RB 6769585	6770548			R 6757429
6769586	4	41		6770548			RB 6771289

R - REPLACES

RB - REPLACED BY

PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6770811			R 6756593	6771398	13-1	5	
6770811	19	30		6771478			R 6769717
6770868	7	37		6771478	10	26	
6770873			R 6759484	6771478	10	35	
6770873			RB 6777561	6771637			R 6769962
6770881	3-1	18		6771637			RB 6773332
6770882	3-1	17		6771637			RB 6773797
6770885			RB 6774615	6771675	16	2	
6770887	4	47		6771730	10	7	
6770888			RB 6880369	6771731	10	39	
6770890	7	22		6771732	9	13	
6770894	9	5		6771737	10	1	
6770896	10	23		6771738	6-1	24	
6770897	7	21		6771738	6-2	21	
6770898	3-1	23		6771807	9	16	
6770899	10	29		6771854			R 6757290
6770902	4	44		6771854	1	5	
6770903			R 6774608	6771855			R 6759024
6770903			RB 6779598	6771855			RB 6832669
6770904	10	24		6771855	1	5	
6770905	12	2		6771913			R 6768385
6770905	12-1	2		6771913	13	28	
6770919	2	15		6771913	13-1	22	
6770919	2-1	8		6771914			R 6758305
6770919	2-2	9		6771914	13	26	
6770930			R 6759527	6771914	13-1	24	
6770930			RB 6773334	6771957	6	19	
6770953			R 6757155	6771957	6-2	29	
6770953	10	28		6771957	21	4	
6770953	10	32		6771961	6-1	22	
6770955			R 6754866	6771961	6-2	19	
6770955	10	25		6772027	4	37	
6770955	10	33		6772041			RB 6773644
6771148	1	12		6772042			RB 6773645
6771190	6-1	7		6772043	13	31	
6771197	6-1	10		6772044			RB 6772052
6771198			RB 6830538	6772045	13	37	
6771199	6-1	12		6772046	13	35	
6771202	6-1	3		6772047			RB 6773631
6771203	6-1	1		6772047			RB 6773641
6771207	6-1	5		6772049	13	32	
6771209			RB 6830537	6772050			RB 6880484
6771288			R 6757327	6772051	13	38	
6771288	14	9		6772052			R 6772044
6771289			R 6770548	6772052	13	36	
6771289			R 6772429	6772053	13	14	
6771289			RB 6772429	6772054	13	11	
6771289			RB 23010306	6772055	13	34	
6771296			R 6754999	6772056	13	22	
6771296	3	3		6772057	13	3	
6771307	14	9		6772059	13	18	
6771309			RB 6772433	6772063	13	8	
6771323			RB 6774497	6772066	13	8	
6771337			R 6757197	6772067	13	16	
6771337			RB 6776157	6772068			R 6754882
6771378	13	44		6772068			RB 6775437
6771378	13-1	45		6772069	13	20	
6771379			RB 23018524	6772078	13	25	
6771380			R 6774612	6772078	13	40	
6771380			RB 6779600	6772086			RB 6773333

R - REPLACES

RB - REPLACED BY

PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6772109			RB 6774966	6773206			R 6757779
6772115			R 5192276	6773206			RB 6774343
6772115	13-1	11		6773268	19	1	
6772140	1	4		6773269	19	2	
6772141	1	4		6773270	19	4	
6772169			RB 6773797	6773271			R 6768721
6772179	11	29		6773271	19	11	
6772183	15	13		6773272	9	27	
6772184	15	13		6773275	1	10	
6772187			R 6757228	6773277	19	7	
6772187			RB 6832387	6773292	19	10	
6772187	15	14		6773296	2-2	6	
6772189	11	14		6773311			R 6750231
6772190	11	28		6773311	15	1	
6772192			R 6772193	6773311	18	15	
6772192	11	14		6773332			R 6771637
6772193			RB 6772192	6773332	11	14	
6772203			RB 6774962	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	
6772944	12	19		6773855	4	48	
6772945	11	55		6773857			R 6772649
6772952	11	53		6773857	5	10	
6772955	11	54		6773858			R 6772567
6772961	9	18		6773858	5	13	
6772962	12	17		6773859			RB 6777880

R - REPLACES

RB - REPLACED BY

PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6774007			RB 6777448	6775576	11	32	
6774008			R 6774107	6775576	15	1	
6774008	2-2	6		6775576	19	10	
6774012	2-2	2		6775824	19	42	
6774107			RB 6774008	6775964			RB 6777408
6774188			R 6753544	6776157			R 6771337
6774188	4	4		6776157	9	2	
6774220	9	25		6776536	2-2	4	
6774343			R 6773206	6776589			R 6772723
6774343			RB 6776995	6776589	9	14	
6774344			R 6757788	6776745			R 6774346
6774344			RB 6776998	6776745			RB 6776995
6774346			RB 6776745	6776750			RB 6776998
6774497			R 6771323	6776764			R 6769733
6774497	4	3		6776764			RB 6836300
6774572			R 6756348	6776769			R 6757193
6774572	13-1	6		6776769	7	22	
6774572	15	18		6776770			R 6757195
6774608			RB 6770903	6776770	7	21	
6774611	4	18		6776818			R 6774622
6774612			RB 6771380	6776818	3-1	1	
6774615			R 6770885	6776830	3-1	20	
6774615			R 6777376	6776995			R 6774343
6774615	3-1	1		6776995			R 6776745
6774622			RB 6776818	6776995	7	1	
6774695			R 6756072	6776995	7	30	
6774695			RB 6881547	6776995	10	11	
6774739	1	10		6776995	10	37	
6774740	1	10		6776996	9	4	
6774847	3-1	13		6776998			R 6774344
6774958	3-1	4		6776998			R 6776750
6774958	3-1	7		6776998	7	3	
6774961	3-1	8		6776998	7	32	
6774962			R 6772203	6776998	10	13	
6774962			RB 6836585	6777015			R 6759508
6774963	3-1	6		6777015	10	30	
6774964	3-1	3		6777016			R 6759493
6774966			R 6772109	6777016	10	31	
6774966	3-1	12		6777360	10	25	
6774968			R 6769987	6777361			RB 6836331
6774968	3-1	11		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

R - REPLACES

RB - REPLACED BY

ALLISON POWERSHIFT TRANSMISSION 3321, 3331, 3531 AND 3630 SERIES PARTS CATALOG INDEX 11

PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6777452	7	2		6832042	12-1	11	
6777452	7	31		6832384			R 6759025
6777453			R 6759471	6832384			RB 6832959
6777453	10	12		6832386			R 6769178
6777561			R 6770873	6832386			RB 6832957
6777561	9	10		6832387			R 6772187
6777629	10	26		6832387	15	14	
6777649	3	14		6832669			R 6771855
6777650	5	13		6832669			RB 6832960
6777652	5	9		6832803			R 6769681
6777791			R 6768970	6832803			RB 6833527
6777791	19	23		6832907			R 6768267
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	20		6836076	7	29	
6779600			R 6771380	6836076	10	16	
6779600	3-1	20		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	6836331	4	21	
6830404	12	11		6836331	10	22	
6830429			R 6768804	6836585			R 6777361
6830429			RB 6836076	6836585			R 6774962
6830463			R 6772407	6836585	3-1	2	
6830463	2	14		6836586	3-1	5	
6830464			R 6772408	6837171			R 6779331
6830464	2-1	7		6837171			RB 6880385
6830537			R 6771209	6837422			R 6759509
6830537	6-1	4		6837422	9	30	
6830538			R 6771198	6837422	9	32	
6830538	6-1	6		6837507			R 6836078
6832041	11	56		6837507	7	7	

R - REPLACES

RB - REPLACED BY

PART NO	FIG NO	REF NO	HISTORY	PART NO	FIG NO	REF NO	HISTORY
6837508			R 6757189	9409052			R 9409258
6837508			R 6836079	9409052	2-2	1	
6837508	7	8		9409059	1	1	
6837607			R 7450737	9409079	4	27	
6837607	3	4		9409079	4	45	
6837690			R 6833930	9409079	7	33	
6837690	7	5		9409131	16	8	
6837690	7	18		9409258			RB 9409052
6837690	10	14		9409513	5	16	
6837690	10	20		9411628			R 6757374
6838450			R 6756654	9411628			RB 9417910
6838450	21	2		9412270	2-1	2	
6838451			R 6758021	9417499	3-1	10	
6838451	21	1		9417910			R 9411628
6838457			R 6756665	9417910			RB 907834
6838457			RB 23010422	9419967			RB 907833
6838458			R 6756667	9421034			R 141159
6838458			RB 23010423	9421034	17-1	2	
6838459			RB 23010424	9438932			R 143938
6838459			R 6759551	9438932	11	15	
6838494			R 6832907	9438932	19	33	
6838494	11	17		23010306			R 6771289
6838494	19	18		23010306	14	7	
6838494	20	17		23010422			R 6838457
6838681			R 6835757	23010422	21	3	
6838681	1	5		23010423			R 6838458
6880369			R 6770888	23010423	21	3	
6880369	3-1	22		23010424			R 6838459
6880385			R 6837171	23010424	21	3	
6880385			RB 6880640	23012031			R 444672
6880484			R 6772050	23012031	4	35	
6880484	13	39		23012031	4	38	
6880640			R 6880385	23012031	6-2	25	
6880640	1	16		23012034			R 444678
6881037			R 6755378	23012034	4	39	
6881037	4	6		23012034	6-2	26	
6881547			R 6774695	23012034	11	41	
6881547	6	18		23012035			R 444618
6882079			R 8347398	23012035	5	6	
6882079	4	17		23012035	11	16	
6882702			R 6750265	23012035	19	34	
6882702	11	47		23012036			R 444612
7450552			RB 7451564	23012036	13	24	
7450737			R 8347400	23012038			R 445751
7450737			RB 6837607	23012038	4	36	
7451564			R 7450552	23012852			R 6756396
7451564	12	4		23012852	18	3	
7451564	12-1	4		23013719			R 6769590
7994981			RB 23014064	23013719	4	29	
7994981			RB 23014065	23014064			R 7994981
8347398			RB 6882079	23014064			RB 23014948
8347400			RB 7450737	23014065			R 7994981
8522609	5	4		23014065			RB 23014948
8894450	17	5		23014163			R 444660
8894450	17-1	5		23014163	13	7	
8894450	20	7		23014542			R 6755988
9030126	16	3		23014542	3	17	
9409021	3-1	16		23014542	3-1	21	
9409036			R 181365	23014948			R 23014064
9409036	1	1		23014948			R 23014065

R - REPLACES

RB - REPLACED BY

ALLISON POWERSHIFT TRANSMISSION 3321, 3331, 3531 AND 3630 SERIES PARTS CATALOG INDEX 13

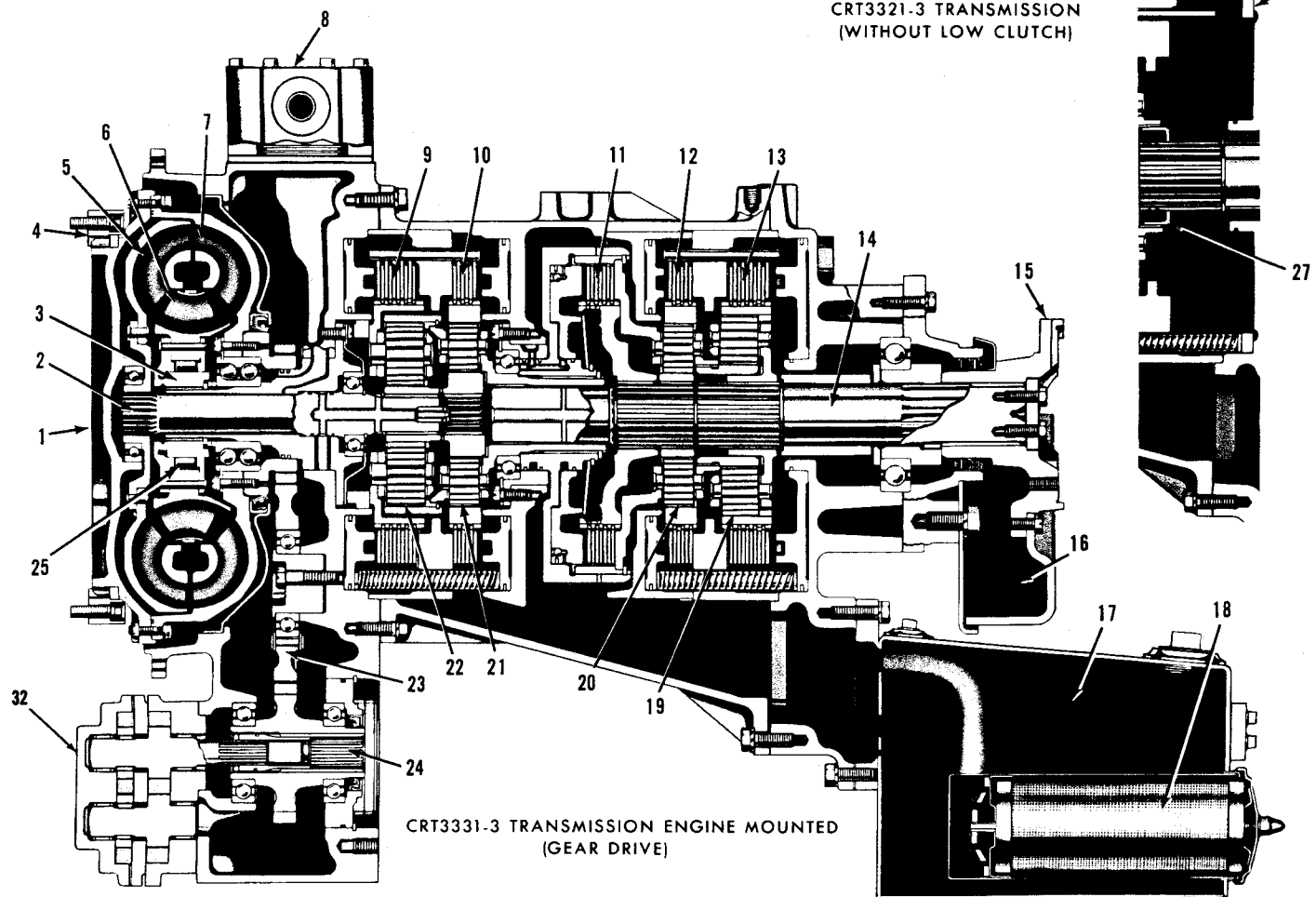
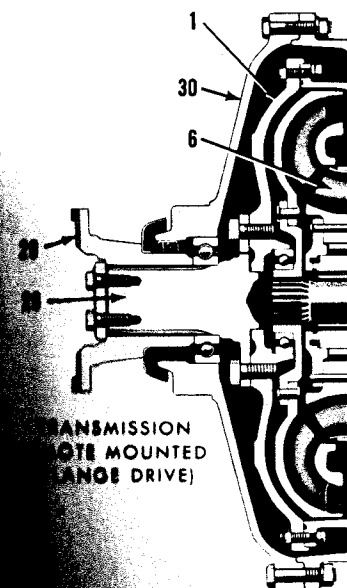
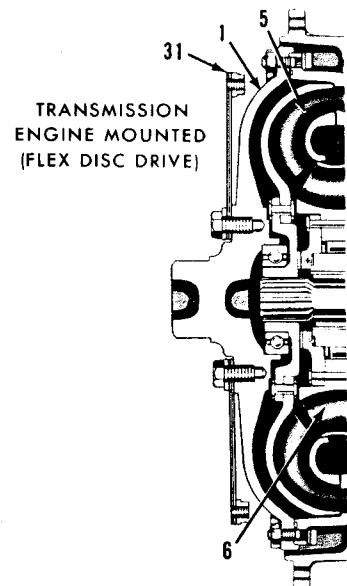
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23016564	5	1					

R - REPLACES

RB - REPLACED BY

- 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

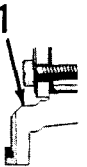
**3321 and 3331-3
CROSS SECTION**



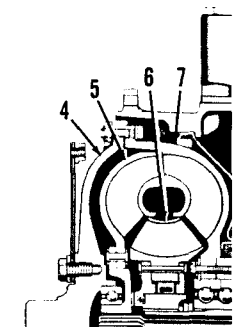
3321 and 3331-3 CROSS SECTION

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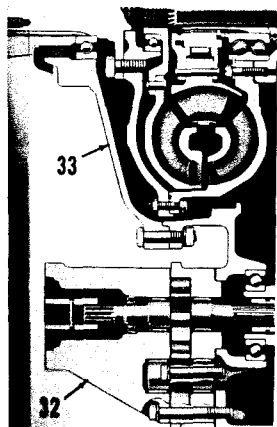
- 1 - Input drive flange (remote-mount)
- 2 - Converter shaft
- 3 - Input drive teeth
- 4 - Converter pump cover
- 5 - Converter turbine
- 6 - Converter stator
- 7 - Converter pump
- 8 - Oil cooler
- 9 - Reverse-range clutch
- 10 - Reverse-range planetary
- 11 - Forward-range clutch
- 12 - Forward-range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



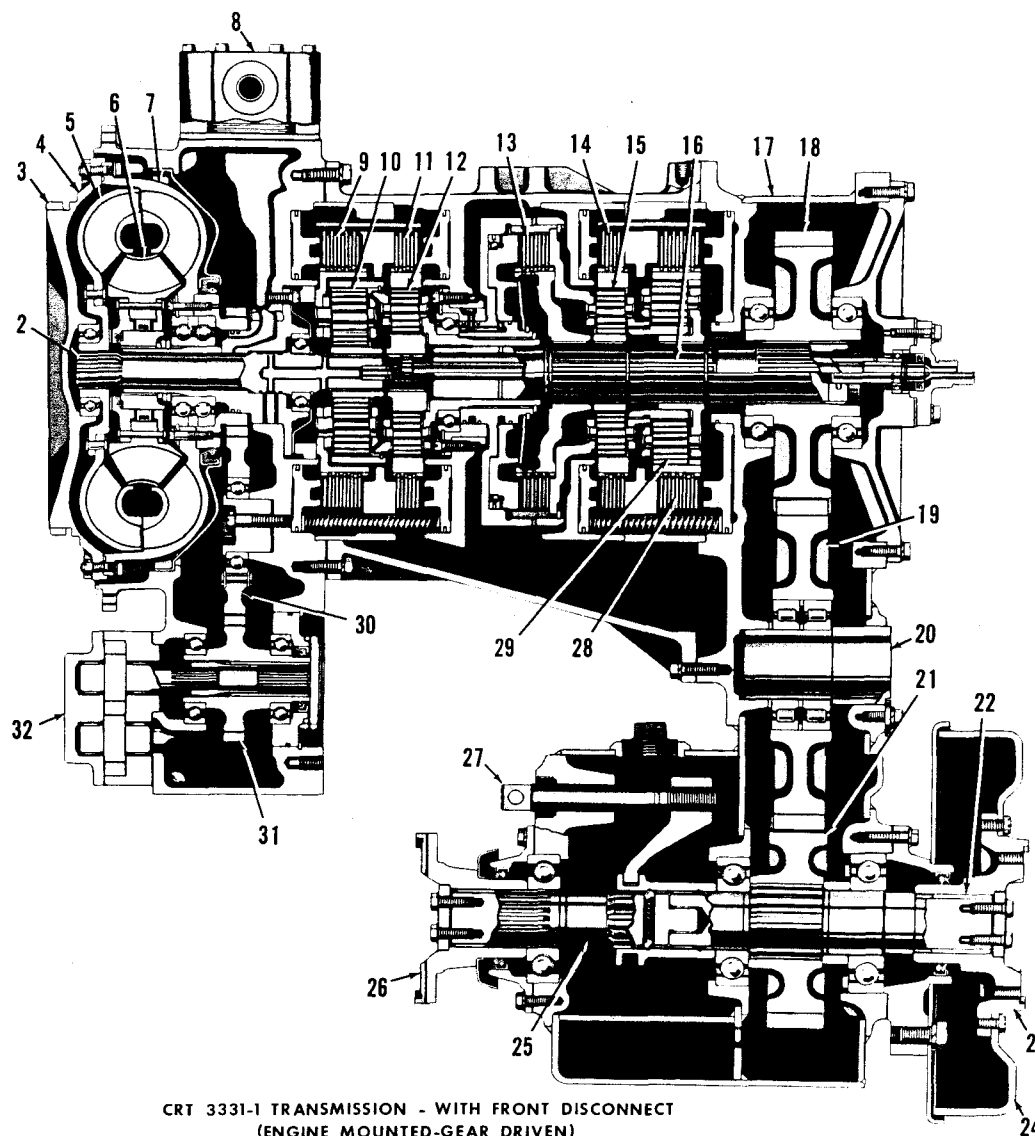
**CRT 3321-1 and 3331-1
CROSS SECTION**



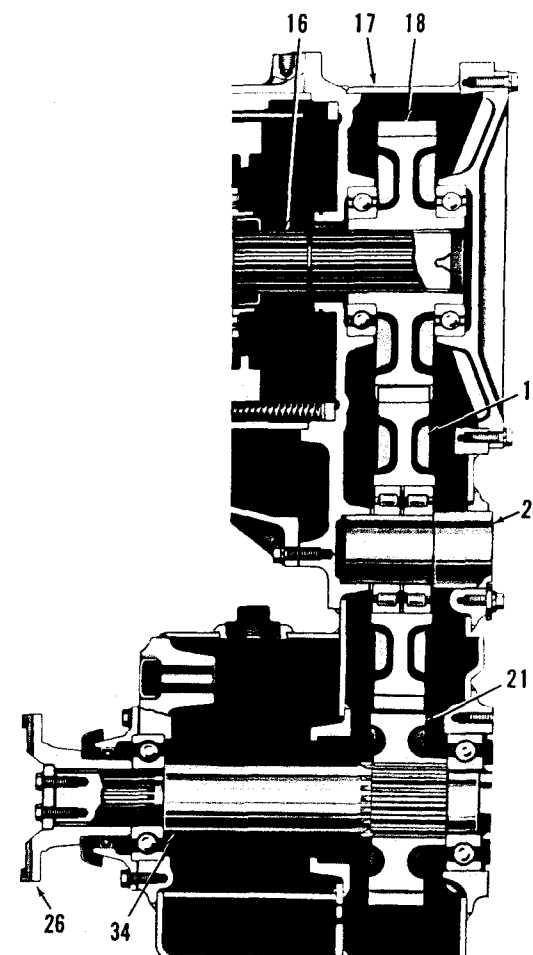
(ENGINE MOUNTED -
FLEX DISK DRIVEN)



(REMOTE MOUNTED -
FLANGE DRIVEN)



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

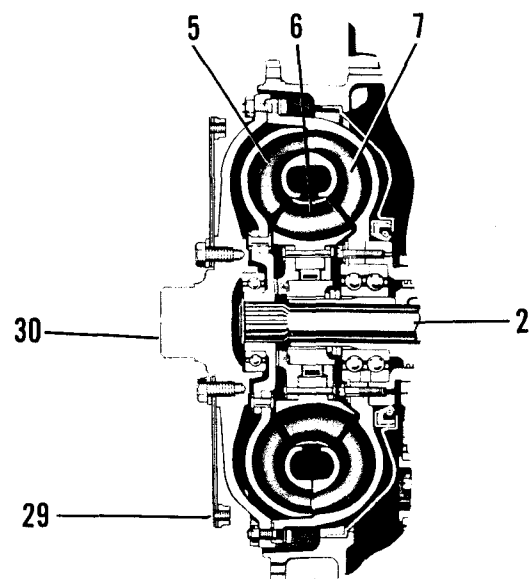


CRT3321-1 TRANSMISSION TRANSFER
GEARS WITHOUT DISCONNECT

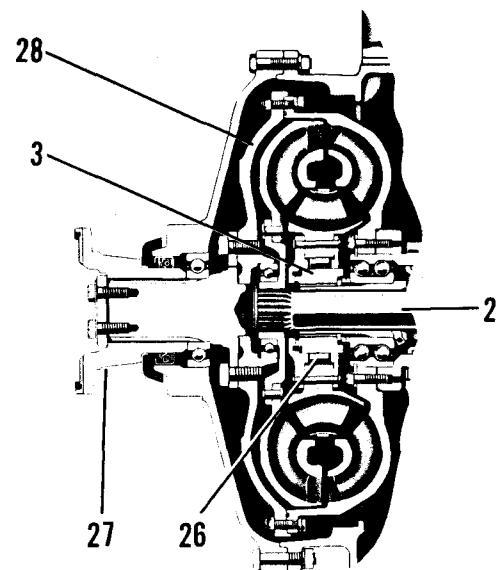
3321 and 3331-1 CROSS SECTION

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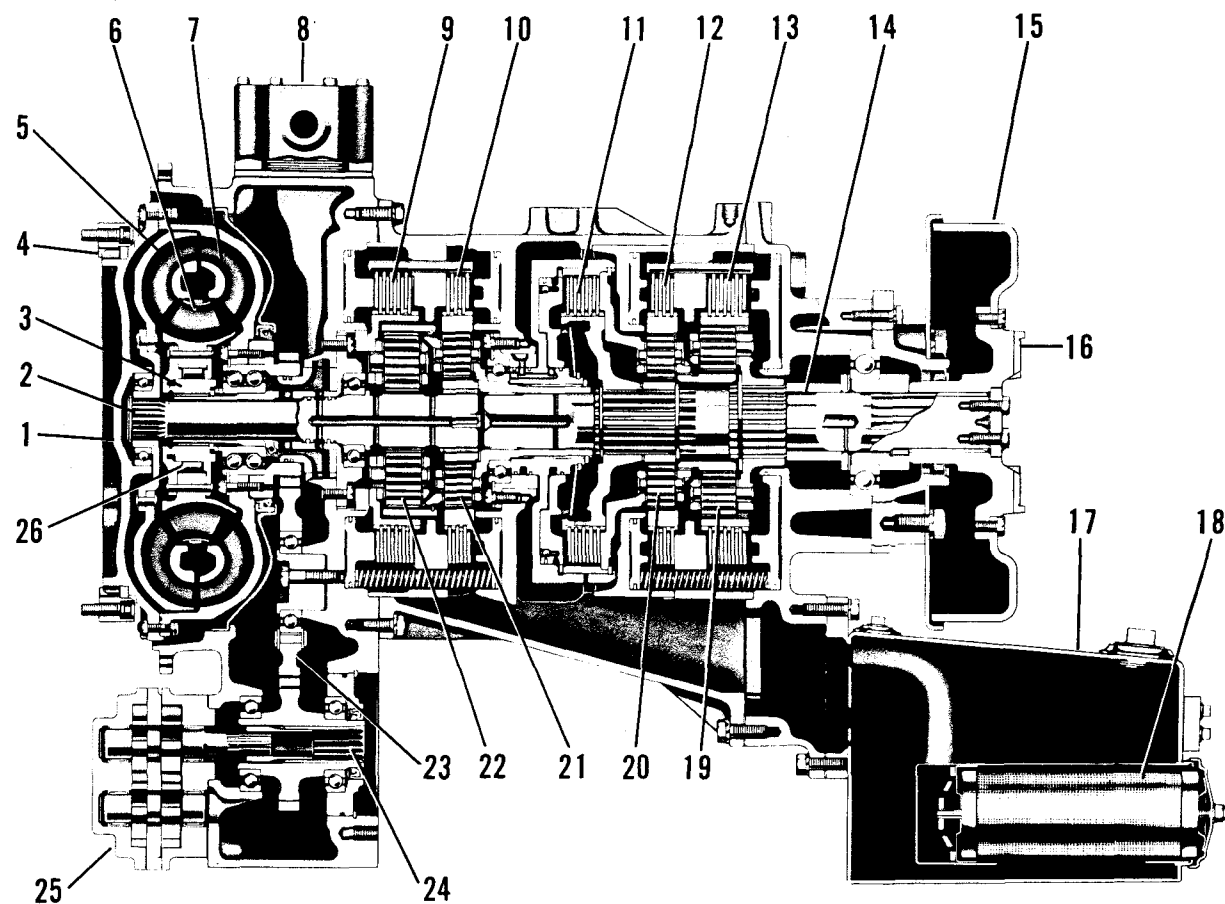
- 1 - Input drive cover — gear driven
- 2 - Turbine shaft
- 3 - Freewheel roller race
- 4 - Input drive gear
- 5 - Turbine
- 6 - Stator
- 7 - Pump
- 8 - Oil cooler
- 9 - Reverse range clutch
- 10 - Forward clutch
- 11 - Intermediate-range clutch
- 12 - High-range clutch
- 13 - Low-range clutch
- 14 - Output shaft
- 15 - Parking brake
- 16 - Output flange
- 17 - Oil sump
- 18 - Oil filter
- 19 - Low-range planetary
- 20 - High- and intermediate-range planetary
- 21 - Forward planetary
- 22 - Reverse-range planetary
- 23 - Implement drive idler gear
- 24 - Implement driven gear
- 25 - Charging oil pump
- 26 - Freewheel roller
- 27 - Input flange
- 28 - Input drive cover — flange driven
- 29 - Flex disks
- 30 - Input drive — flex disk driven



TRANSMISSION ENGINE MOUNTED
(FLEX DISK DRIVE)



TRANSMISSION REMOTE MOUNTED
(FLANGE DRIVE)

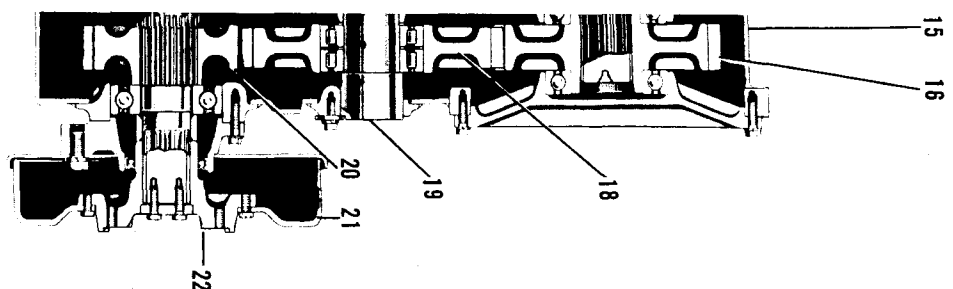


TRANSMISSION ENGINE MOUNTED
(GEAR DRIVE)

3531-3 CROSS SECTION

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- 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



**3531 and 3630-1
CROSS SECTION**

EAR SECTION
DISCONNECT