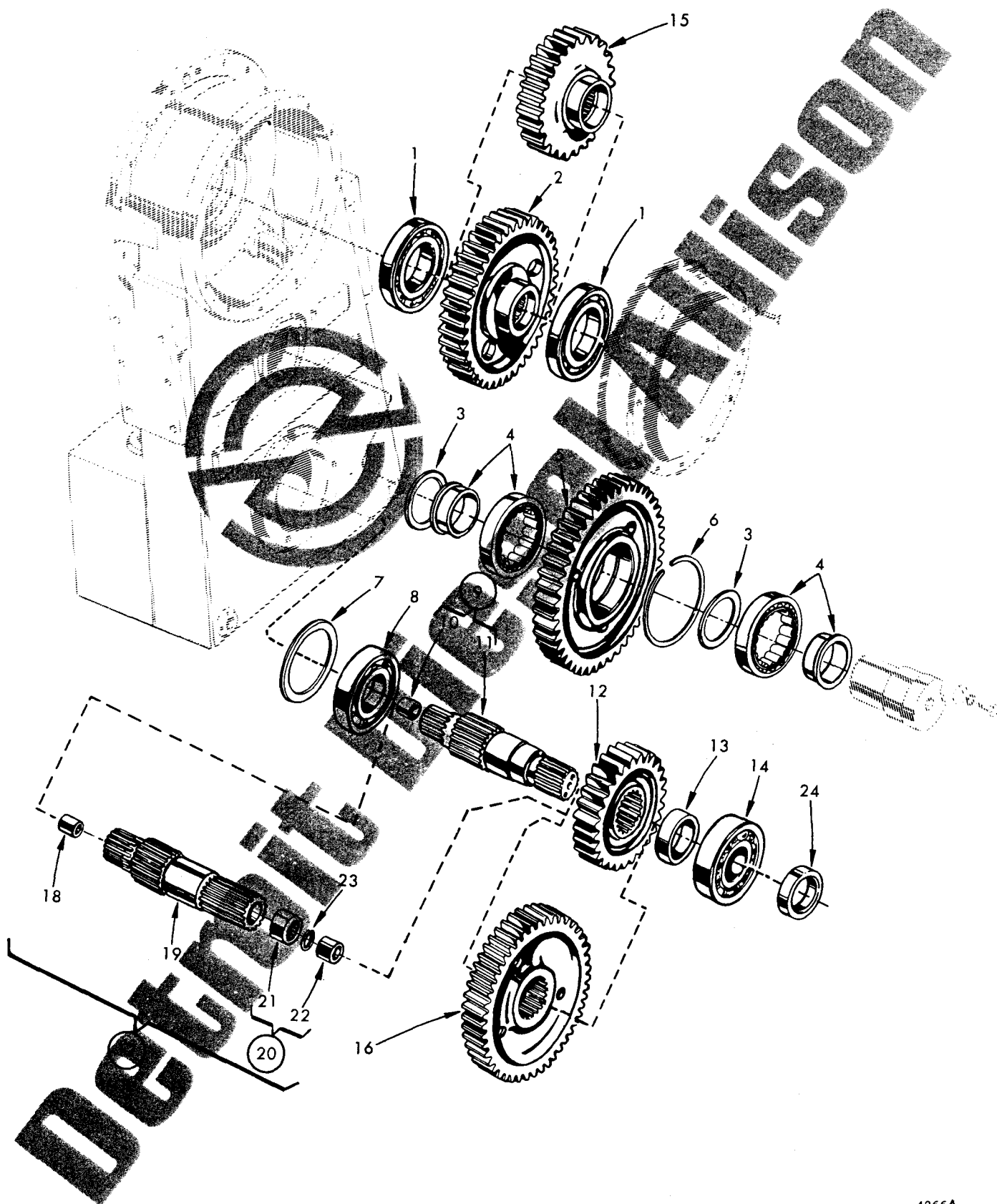




4266A

FIG 12. TRANSFER GEAR

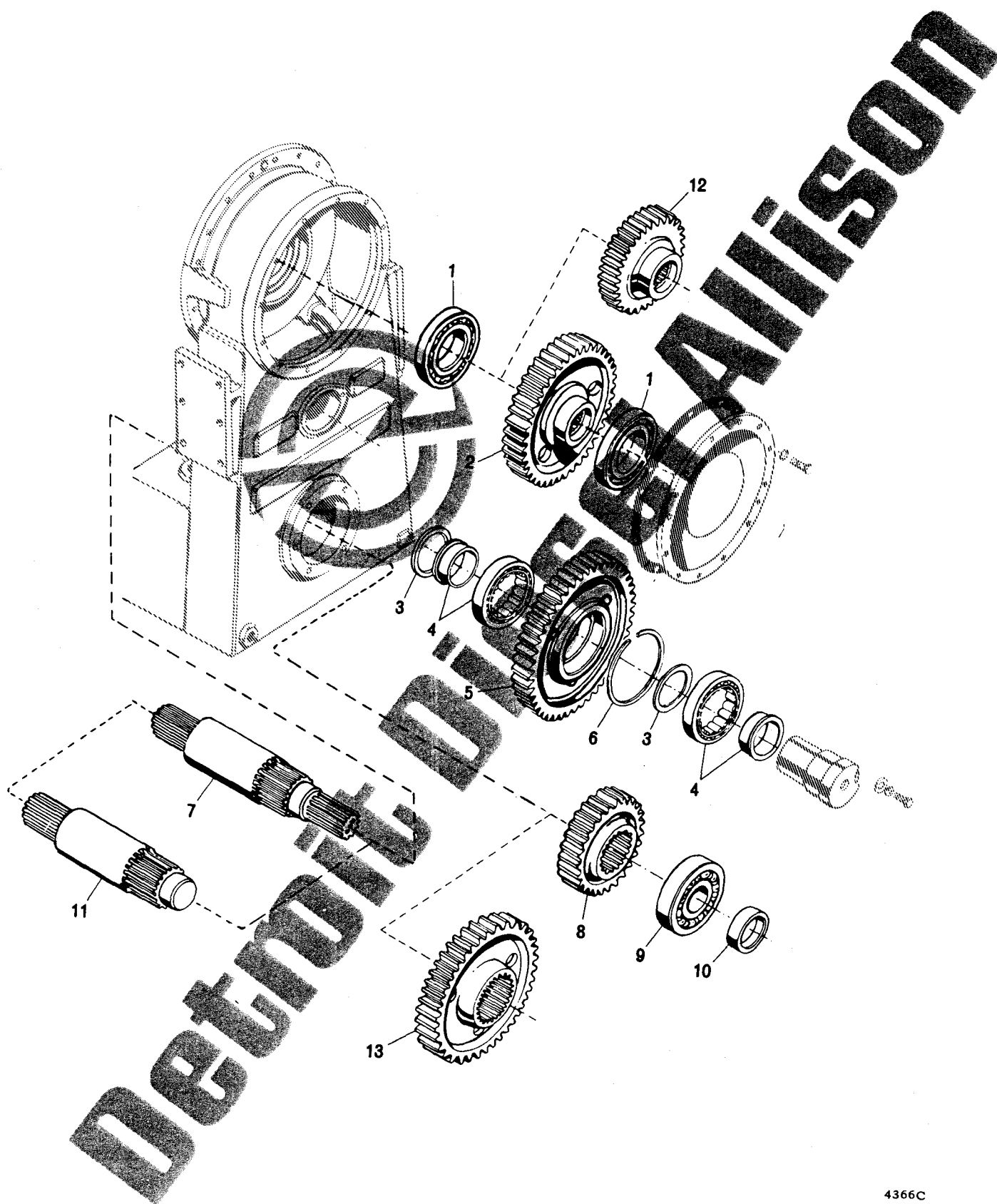


FIG 12-1. TRANSFER GEAR

4366C

GROUP A

TRANSFER GEAR, FIGURE 12
0.659 TO 1 OVERDRIVE

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
1	BEARING, SINGLE ROW BALL	903216	2	2	4	10
2	GEAR, OUTPUT DRIVE 0.659 TO 1 OVERDRIVE	6758373	1		1	2
3	SPACER, IDLER GEAR BEARING. PRIOR TO S/N 40633 ON 3331 SERIES, S/N 39334 ON 3531 SERIES AND S/N 40415 ON 3630 SERIES USE 1 EA. 6759537 SPACER.	6777391	2	2	4	8
4	BEARING, SINGLE ROW ROLLER. PRIOR TO S/N 40633 ON 3331 SERIES, S/N 39334 ON 3531 SERIES AND S/N 40415 ON 3630 SERIES USE 1 EA. 7450552 BEARING.	7451564	2	2	4	10
5	GEAR, OUTPUT IDLER, PRIOR TO S/N 40633 ON 3331 SERIES, S/N 39334 ON 3531 SERIES AND S/N 40415 ON 3630 SERIES ORDER 1 EA. 6779314 IDLER GEAR KIT - COMPOSED OF 1 EA. 6777404 GEAR, 1 EA. 6777403 SPINDLE, 2 EA. 7451564 BEARING ASSY, 1 EA. 6750924 SNAPRING AND 2 EA. 6777391 SPACER.	6777404	1		1	2
6	RING, INTERNAL SNAP, PRIOR TO S/N 40633 ON 3331 SERIES, S/N 39334 ON 3531 SERIES AND S/N 40415 ON 3630 SERIES USE 2 EA. 6750924 SNAPRING	6750924	1	1	2	5
7	NOT USED IN THIS GROUP.					
8	BEARING, BALL	903311	1	1	2	5
9	SHAFT ASSY, REAR OUTPUT SEE SPI 641	6759540	1		1	2
10	BUSHING	6756835	1	1	2	4
11	SHAFT, REAR OUTPUT	6759507 *	1			
12	GEAR, OUTPUT DRIVEN 0.659 TO 1 OVERDRIVE	6758374	1		1	2
13	SPACER, OUTPUT DRIVEN GEAR	6768270	1	1	2	4
14	BEARING, BALL	903312	1	1	2	5
15-24	NOT USED IN THIS GROUP.					

GROUP B

TRANSFER GEAR, FIGURE 12
1.62 TO 1 UNDERDRIVE

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

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

GROUP C

TRANSFER GEAR, FIGURE 12
1.62 TO 1 UNDERDRIVE

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

2	NOT USED IN THIS GROUP.					
7	SPACER	6759871	1	1	2	4
8	BEARING, BALL	903213	1	1	2	5
9	SHAFT ASSY, REAR OUTPUT SEE SPI 641	6759870	1		1	2
11	SHAFT, REAR OUTPUT	6759875 *	1			
12	NOT USED IN THIS GROUP.					

CONTINUED ON NEXT PAGE

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP C CONT

TRANSFER GEAR, FIGURE 12
1.62 TO 1 UNDERDRIVE

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
15	GEAR, OUTPUT DRIVE 1.62 TO 1 UNDERDRIVE	6759876	1		1	2
16	GEAR, OUTPUT DRVN 1.62 TO 1 UNDERDRIVE	6759878	1		1	2
17-24	NOT USED IN THIS GROUP.					

GROUP D

TRANSFER GEAR, FIGURE 12
1.62 TO 1 UNDERDRIVE

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

15	GEAR, OUTPUT DRIVE 1.62 TO 1 UNDERDRIVE	6757172	1		1	2
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GROUP E

TRANSFER GEAR, FIGURE 12
0.659 TO 1 OVERDRIVE

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

9	SHAFT ASSY, REAR OUTPUT SEE SPI 641	6770046	1		1	2
11	SHAFT, REAR OUTPUT	6770044 *	1			

GROUP F

TRANSFER GEAR, FIGURE 12
1.62 TO 1 UNDERDRIVE

SAME AS GROUP B, EXCEPT FOR PARTS LISTED BELOW.

9	SHAFT ASSY, REAR OUTPUT SEE SPI 641	6770046	1		1	2
11	SHAFT, REAR OUTPUT	6770044 *	1			

GROUP G

TRANSFER GEAR, FIGURE 12
0.659 TO 1 OVERDRIVE

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

9-11	NOT USED IN THIS GROUP.					
17	SHAFT ASSY, REAR OUTPUT DRIVE	6772962	1		1	2
18	BUSHING	6756835	1	1	2	5
19	SHAFT, REAR OUTPUT	6772944 *	1			
20	BEARING ASSY, NEEDLE ROLLER	6754783	1	1	2	5
21	RACE, OUTER	6751634 *	1			
22	RACE, INNER	6751632 *	1			
23	RING, RACE RETAINING SNAP	6751633	1	1	2	5
24	NOT USED IN THIS GROUP.					

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP H

TRANSFER GEAR, FIGURE 12
0.789 TO 1 OVERDRIVE

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

GROUP J

TRANSFER GEAR, FIGURE 12-1
0.659 TO 1 OVERDRIVE

1	BEARING, SINGLE ROW BALL	903216	2	2	4	10
2	GEAR, OUTPUT DRIVE, 0.659 TO 1 OVERDRIVE	6758373	1		1	2
3	SPACER, IDLER GEAR. PRIOR TO S/N 39334 ON 3531 SERIES, S/N 40633 ON 3331 SERIES AND S/N 40415 ON 3630 SERIES USE 1 EA. 6759537 SPACER.	6777391	2	2	4	8
4	BEARING, SINGLE ROW ROLLER. PRIOR TO S/N 39334 ON 3531 SERIES, S/N 40633 ON 3331 SERIES AND S/N 40415 ON 3630 SERIES USE 1 EA. 7450552 BEARING.	7451564	2	2	4	10
5	GEAR, OUTPUT IDLER. PRIOR TO S/N 39334 ON 3531 SERIES, S/N 40633 ON 3331 SERIES AND S/N 40415 ON 3630 SERIES ORDER 1 EA. 6779314 IDLER GEAR KIT - COMPOSED OF 1 EA. 6777404 GEAR, 1 EA. 6777403 SPINDLE, 2 EA. 7451564 BEARING ASSY, 1 EA. 6750924 SNAPRING AND 2 EA. 6777391 SPACER.	6777404	1		1	2
6	RING, INTERNAL SNAP. PRIOR TO S/N 39334 ON 3531 SERIES, S/N 40633 ON 3331 SERIES AND S/N 40415 ON 3630 SERIES USE 2 EA. 6750924 SNAPRING	6750924	1	1	2	5
7	SHAFT, OUTPUT, FRONT AND REAR. SEE SIL 641.	6779249	1		1	2
8	GEAR, OUTPUT DRIVEN, 0.659 TO 1 OVERDRIVE	6758374	1		1	2
9	BEARING, SINGLE ROW BALL	903312	1	1	2	5
10	SPACER, REAR OUTPUT FLANGE	6830074	1	1	2	4
11-13	NOT USED IN THIS GROUP.					

GROUP K

TRANSFER GEAR, FIGURE 12
1.62 TO 1 UNDERDRIVE

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

2	NOT USED IN THIS GROUP.					
7	SPACER, IDLER GEAR BEARING	6759871	1	1	2	4
8	BEARING, SINGLE ROW BALL	903213	1	1	2	5
9	SHAFT ASSY, REAR OUTPUT SEE SPI 641	6759870	1		1	2
11	SHAFT	6759875 *	1			
12	NOT USED IN THIS GROUP.					
15	GEAR, OUTPUT DRIVE, 1.62 TO 1 UNDERDRIVE	6757172	1		1	2
16	GEAR, OUTPUT DRIVEN, 1.62 TO 1 UNDERDRIVE	6759878	1		1	2
24	SPACER, REAR OUTPUT FLANGE	6830139	1	1	2	4

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP L

TRANSFER GEAR, FIGURE 12
1.62 TO 1 UNDERDRIVE

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	NOT USED IN THIS GROUP.					
9	SHAFT ASSY, REAR OUTPUT. SEE SPI 641	6830403	1		1	2
11	SHAFT, REAR OUTPUT.	6830404 *	1			
12	NOT USED IN THIS GROUP.					
15	GEAR, OUTPUT DRIVE, 1.62 TO 1 UNDERDRIVE.	6757172	1		1	2
16	GEAR, OUTPUT DRIVEN, 1.62 TO 1 UNDERDRIVE.	6757173	1		1	2
17-24	NOT USED IN THIS GROUP.					

GROUP M

TRANSFER GEAR, FIGURE 12-1
0.659 TO 1 OVERDRIVE

SAME AS GROUP J, EXCEPT FOR PARTS LISTED BELOW.

10 NOT USED IN THIS GROUP.

GROUP N

TRANSFER GEAR, FIGURE 12-1
0.659 TO 1 OVERDRIVE

SAME AS GROUP J, EXCEPT FOR PARTS LISTED BELOW.

7	NOT USED IN THIS GROUP.					
10	NOT USED IN THIS GROUP.					
11	SHAFT, FRONT OUTPUT SEE SPI 641	6832042	1		1	2

GROUP P

TRANSFER GEAR, FIGURE 12-1
1.62 TO 1 UNDERDRIVE

SAME AS GROUP J, EXCEPT FOR PARTS LISTED BELOW.

2	NOT USED IN THIS GROUP.					
8	NOT USED IN THIS GROUP.					
12	GEAR, OUTPUT DRIVE, 1.62 TO 1 UNDERDRIVE	6757172	1		1	2
13	GEAR, OUTPUT DRIVEN, 1.62 TO 1 UNDERDRIVE	6757173	1		1	2

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP Q

TRANSFER GEAR, FIGURE 12
0.659 TO 1 OVERDRIVE

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	GEAR, OUTPUT DRIVE, 0.659 TO 1 OVERDRIVE	6770905	1		1	2

GROUP R

TRANSFER GEAR, FIGURE 12-1
0.659 TO 1 OVERDRIVE

SAME AS GROUP J, EXCEPT FOR PARTS LISTED BELOW.

2	GEAR, OUTPUT DRIVE, 0.659 TO 1 OVERDRIVE	6770905	1		1	2
---	--	---------	---	--	---	---

GROUP S

TRANSFER GEAR, FIGURE 12
0.789 TO 1 OVERDRIVE

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

2	GEAR, OUTPUT DRIVE, 0.789 TO 1 OVERDRIVE	6778241	1		1	2
12	GEAR, OUTPUT DRIVEN, 0.789 TO 1 OVERDRIVE	6778240	1		1	2

GROUP T

TRANSFER GEAR, FIGURE 12-1
0.789 TO 1 OVERDRIVE

SAME AS GROUP J, EXCEPT FOR PARTS LISTED BELOW.

2	GEAR, OUTPUT DRIVE, 0.789 TO 1 OVERDRIVE	6778241	1		1	2
8	GEAR, OUTPUT DRIVEN, 0.789 TO 1 OVERDRIVE	6778240	1		1	2

GROUP U

TRANSFER GEAR, FIGURE 12-1
0.789 TO 1 OVERDRIVE

SAME AS GROUP J, EXCEPT FOR PARTS LISTED BELOW.

2	GEAR, OUTPUT DRIVE, 0.789 TO 1 OVERDRIVE	6779678	1		1	2
8	GEAR, OUTPUT DRIVEN, 0.789 TO 1 OVERDRIVE	6778240	1		1	2

GROUP V

TRANSFER GEAR, FIGURE 12-1
0.659 TO 1 OVERDRIVE

SAME AS GROUP J, EXCEPT FOR PARTS LISTED BELOW.

2	GEAR, OUTPUT DRIVE, 0.659 TO 1 OVERDRIVE	6750905	1		1	2
10	NOT USED IN THIS GROUP.					

CONTRGL VALVE BGDY 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	C	** 6759828	CRT 3331-1	C
***6759583	CRT 3331-1	D	***6759828	CRT 3331-1	D
** 6759584	CRT 3331-1	C	6759837	CRT 3331-1	C
***6759584	CRT 3331-1	D	** 6759847	CRT 3331-3	C
** 6759597	CRT 3331-1	C	***6759847	CRT 3331-3	D
***6759597	CRT 3331-1	D	** 6759850	CRT 3331-1	C
6759604	CRT 3331-3	D	***6759850	CRT 3331-1	D
@ 6759633	CRT 3331-1	E	** 6759851	CRT 3331-1	C
@@ 6759633	CRT 3331-1	F	***6759851	CRT 3331-1	D
6759634	CRT 3331-1	D	** 6759858	CRT 3331-1	C
@ 6759635	CRT 3331-1	E	***6759858	CRT 3331-1	D
@@ 6759635	CRT 3331-1	F	6759861	CRT 3331-1	C
** 6759636	CRT 3331-1	C	+ 6759865	CRT 3331-1	C
***6759636	CRT 3331-1	D	++ 6759865	CRT 3331-1	D
** 6759707	CRT 3331-1	C	@ 6759866	CRT 3331-1	E
***6759707	CRT 3331-1	D	@@ 6759866	CRT 3331-1	F
6759718	CRT 3331-3	D	6759908	CRT 3331-3	D
** 6759719	CRT 3331-3	C	@ 6759916	CRT 3331-3	E
***6759719	CRT 3331-3	D	@@ 6759916	CRT 3331-3	F
** 6759721	CRT 3331-1	C	6769518	CRT 3331-1	D
***6759721	CRT 3331-1	D	6769519	CRT 3331-3	D
6759739	CRT 3331-3	D	** 6769554	CRT 3331-1	C
6759746	CRT 3331-3	D	***6769554	CRT 3331-1	D
6759747	CRT 3331-3	D	** 6769555	CRT 3331-3	C
@ 6759748	CRT 3331-1	E	***6769555	CRT 3331-3	D
@@ 6759748	CRT 3331-1	F	6769556	CRT 3331-1	D
6759752	CRT 3331-3	D	@+ 6769615	CRT 3331-1	C
@ 6759755	CRT 3331-1	E	@@+6769615	CRT 3331-1	D
@@ 6759755	CRT 3331-1	F	** 6769635	CRT 3331-1	C
** 6759756	CRT 3331-1	C	***6769635	CRT 3331-1	D
***6759756	CRT 3331-1	D	@ 6769730	CRT 3331-3	E
** 6759763	CRT 3331-1	C	@@ 6769730	CRT 3331-3	F
***6759763	CRT 3331-1	D	6769737	CRT 3331-1	D
6759765	CRT 3331-3	D	@# 6769738	CRT 3331-3	E
6759774	CRT 3331-3	D	@##6769738	CRT 3331-3	F
@ 6759776	CRT 3331-1	E	6769768	CRT 3331-3	D
@@ 6759776	CRT 3331-1	F	6769822	CRT 3331-3	D
** 6759789	CRT 3331-1	C	** 6769824	CRT 3331-1	C
***6759789	CRT 3331-1	D	***6769824	CRT 3331-1	D
@ 6759793	CRT 3331-1	E	6769841	CRT 3331-1	C
@@ 6759793	CRT 3331-1	F	6769863	CRT 3331-3	D
** 6759794	CRT 3331-1	C	6769867	CRT 3331-1	D
***6759794	CRT 3331-1	D	6769901	CRT 3331-1	D
# 6759795	CRT 3331-1	C	** 6769902	CRT 3331-1	C
## 6759795	CRT 3331-1	D	***6769902	CRT 3331-1	D
6759796	CRT 3331-3	D	6769922	CRT 3331-1	C
** 6759812	CRT 3331-1	C	6769931	CRT 3331-3	D
***6759812	CRT 3331-1	D	6769935	CRT 3331-1	D
6759817	CRT 3331-1	C	** 6769947	CRT 3331-3	C
6759826	CRT 3331-1	C	***6769947	CRT 3331-3	D

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

** PRIOR TO S/N 18213.

***STARTING WITH S/N 18213.

@ PRIOR TO S/N 18238.

@@ STARTING WITH S/N 18238.

PRIOR TO S/N 17687.

STARTING WITH S/N 17687.

+ PRIOR TO S/N 18623.

++ STARTING WITH S/N 18623.

@+ PRIOR TO S/N 18322.

@@+STARTING WITH S/N 18322.

@# PRIOR TO S/N 18238 AND 36480 AND LATER.

@##STARTING WITH S/N 18238 THRU S/N 18343 ONLY.

CONTROL VALVE BODY SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6769948	CRT 3331-1	D	6771458	CRT 3331-3	D
6769990	CRT 3331-3	D	6771640	CRT 3331-3	D
** 6769991	CRT 3331-3	C	6771647	CRT 3531-1	G
***6769991	CRT 3331-3	D	6771708	CRT 3321-3	D
/ 6770000	CRT 3331-1	E	6771740	CRT 3331-1	D
// 6770000	CRT 3331-1	D	6771744	CRT 3331-1	F
6770005	CRT 3331-1	D	6771764	CRT 3331-1	D
** 6770006	CRT 3331-3	C	6771803	CRT 3321-1	D
***6770006	CRT 3331-3	D	6771808	CRT 3331-1	D
6770063	CRT 3331-1	D	6771924	CRT 3531-1	D
6770081	CRT 3331-1	C	6771940	CRT 3531-1	D
6770176	CRT 3331-1	D	6771994	CRT 3321-3	D
6770186	CRT 3331-1	D	6772026	CRT 3331-1	D
6770243	CRT 3331-3	D	6772034	CRT 3531-1	D
6770328	CRT 3331-1	D	6772081	CRT 3331-3	D
a 6770363	CRT 3331-1	E	6772087	CRT 3331-1	D
aa 6770363	CRT 3331-1	F	6772100	CRT 3331-1	D
6770438	CRT 3331-1	D	6772105	CRT 3331-1	D
** 6770439	CRT 3331-3	C	6772118	CRT 3531-1	D
***6770439	CRT 3331-3	D	6772144	CRT 3321-1	B
6770465	CRT 3331-1	D	6772145	CRT 3321-3	B
6770605	CRT 3331-3	D	6772195	CRT 3331-1	A
a 6770636	CRT 3331-3	E	6772196	CRT 3331-1	B
aa 6770636	CRT 3331-3	F	6772277	CRT 3331-1	D
6770675	CRT 3331-1	D	6772279	CRT 3331-1	D
a 6770732	CRT 3331-1	E	6772280	CRT 3331-1	B
aa 6770732	CRT 3331-1	F	6772317	CRT 3331-3	B
6770966	CRT 3331-1	D	6772318	CRT 3321-3	D
6771032	CRT 3331-3	D	6772360	CRT 3331-1	F
6771074	CRT 3531-1	D	6772456	CRT 3531-1	D
6771133	CRT 3331-1	D	6772464	CRT 3331-1	D
6771136	CRT 3331-1	D	6772496	CRT 3331-1	B
6771241	CRT 3331-1	D	6772497	CRT 3331-1	A
** 6771262	CRT 3331-3	C	6772498	CRT 3331-1	A
***6771262	CRT 3331-3	D	6772499	CRT 3331-1	A
6771278	CRT 3331-1	D	6772500	CRT 3331-1	A
6771279	CRT 3331-3	D	6772501	CRT 3331-1	A
6771319	CRT 3331-1	D	6772502	CRT 3331-1	A
6771321	CRT 3531-1	K	6772503	CRT 3331-1	A
6771392	CRT 3531-1	D	6772504	CRT 3331-1	A
6771412	CRT 3331-1	D	6772505	CRT 3331-1	A
6771414	CRT 3331-1	D	6772506	CRT 3331-1	A
** 6771415	CRT 3331-1	C	6772507	CRT 3331-1	A
***6771415	CRT 3331-1	D	6772541	CRT 3331-3	D
** 6771416	CRT 3331-1	C	6772731	CRT 3331-1	D
***6771416	CRT 3331-1	D	6772826	CRT 3331-1	A
** 6771417	CRT 3331-1	C	6772827	CRT 3321-1	B
***6771417	CRT 3331-1	D	6772828	CRT 3331-1	B
** 6771444	CRT 3331-1	C	6772829	CRT 3331-1	A
***6771444	CRT 3331-1	D	6772891	CRT 3331-1	A

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

** PRIOR TO S/N 18213.

*** STARTING WITH S/N 18213.

a PRIOR TO S/N 18238.

aa STARTING WITH S/N 18238.

/ PRIOR TO S/N 38740.

// STARTING WITH S/N 38740.

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
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* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

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* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

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

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
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
6831555	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* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

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
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

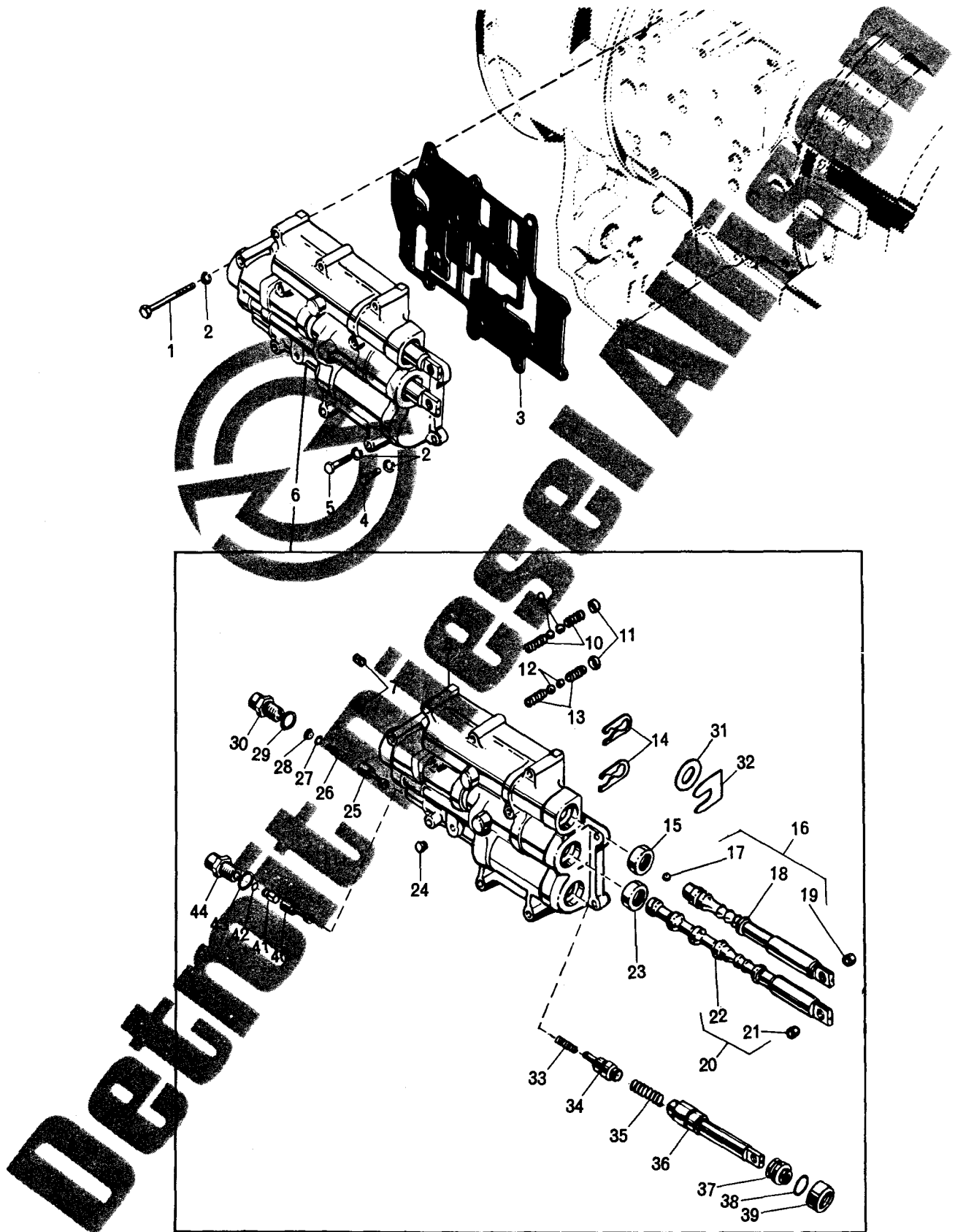
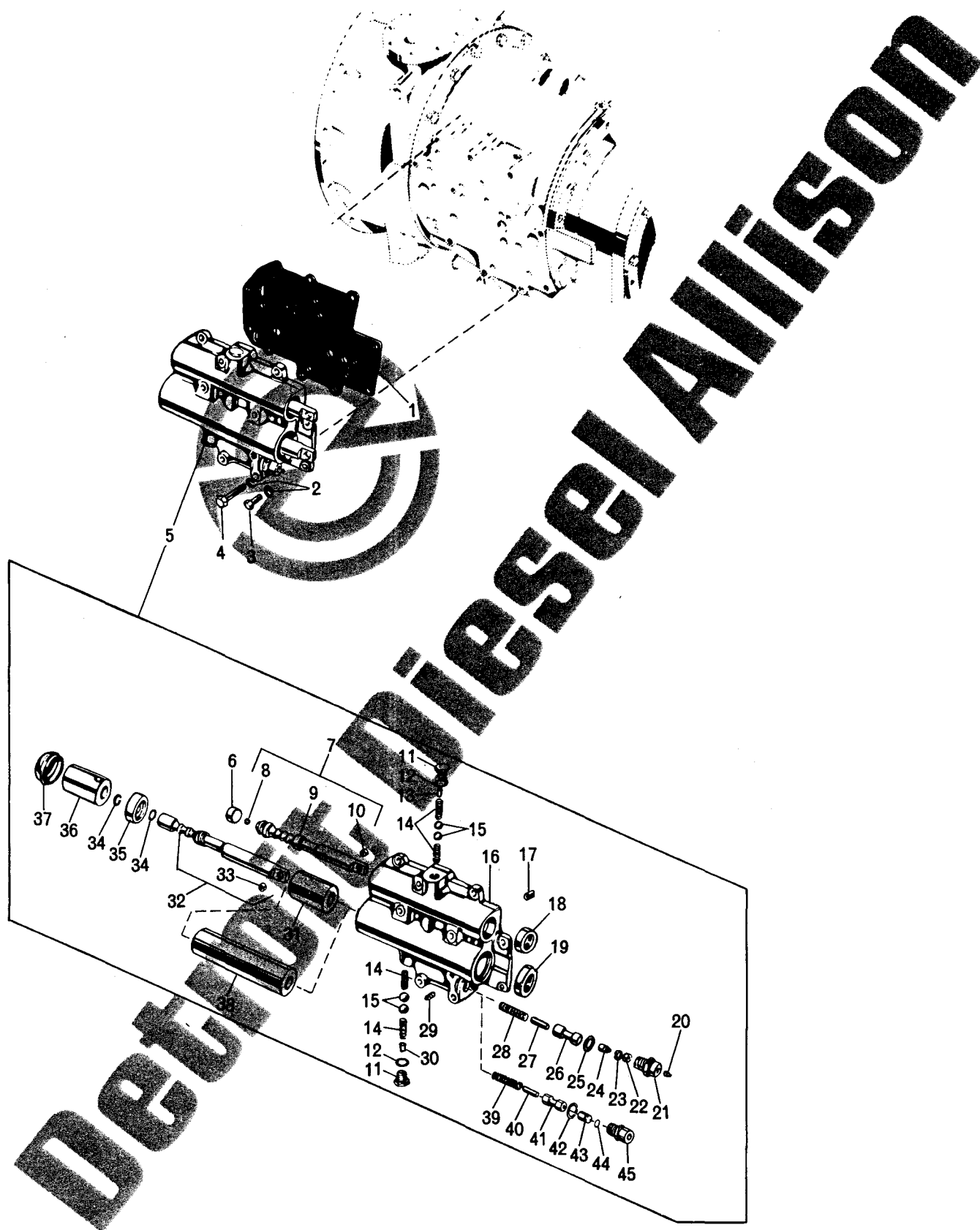


FIG 13. CONTROL VALVE BODY



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FIG 13-1. CONTROL VALVE BODY

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	23014163	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	*			
18	VALVE, RANGE SELECTOR	6772059	*			
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	*			
23	SEAL, FORWARD AND REVERSE VALVE LIP TYPE	6703159	1	1	3	10
24	PLUG, HX HD, PIPE, 1/8	23012036	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 C

CONTROL VALVE BODY, FIGURE 13-1

REF NO	NOMENCLATURE	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 CONTROL	6759544	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	*			
9	VALVE, RANGE SELECTOR	6757262	*			
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 139795 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 139795 PIN.	453675	1	1	2	4
30	PIN	6750945	1		1	2
31	NOT USED IN THIS GROUP.					

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* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP D 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
32	VALVE ASSY, FORWARD & 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. PRIOR . 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 CONTROL . .	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.

REF NO	NOMENCLATURE	PART NO	REQ	RECOMMENDED SPARES FOR UNITS		
				1-3	4-10	11-25
6	BODY ASSY, CONTROL VALVE THREE SPOOL INCHING .	6775085				1
	CONTROL WITHOUT CLUTCH CUT-OFF					
8	BODY, CONTROL VALVE	6772063			1	2
16	VALVE ASSY, RANGE SELECTOR	6775087			1	2
18	VALVE	6775082 *				
20	VALVE ASSY, FORWARD AND REVERSE	6775086			1	2
22	VALVE	6775083 *				
25-30	NOT USED IN THIS GROUP.					
31	WASHER, INCHING VALVE RUBBER	6772043		1	3	10
32	STOP, INCHING VALVE PLUG	6772049			1	2
33	SPRING, INCHING REGULATOR VALVE	6770298		1	2	4
34	VALVE, INCHING REGULATOR	6772055			1	2
35	SPRING, INCHING VALVE	6772046		1	2	4
36	VALVE, INCHING CONTROL	6775081			1	2
37	PLUG, INCHING VALVE	6772045			1	2
38	RING, INCHING VALVE PLUG SEAL	6772051		1	3	10
39	SEAL, INCHING VALVE OIL	6880484		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
	AIR ACTUATED CLUTCH CUT-OFF.					
17	PIN, SPRING	453675		1	2	4
20-28	NOT USED IN THIS GROUP					
30	PIN	6750945			1	2
31	NOT USED IN THIS GROUP.					
32	VALVE ASSY, FORWARD AND REVERSE	6769440			1	2
33	BUSHING	6769402		1	2	4
34-36	NOT USED IN THIS GROUP.					
38	SLEEVE, FORWARD & REVERSE SHIFT VALVE	6769645			1	2
39	SPRING, CLUTCH CUT-OFF VALVE	6757251		1	2	4
40	PIN, SPRING GUIDE, 3/8 X 1 3/8	103772			1	2
41	VALVE, CLUTCH CUT-OFF	6758304			1	2
42	GASKET, ANNULAR, 7/8	105456		1	3	10
43	PLUG, CLUTCH CUT-OFF	6758305			1	2
44	RING, CLUTCH CUT-OFF O RING SEAL	6750558		1	3	10
45	PLUG, VALVE ACCESS	6771378			1	2

GROUP K

CONTROL VALVE BODY, FIGURE 13-1

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

5	KIT, CONTROL VALVE BODY ASSY. 23018524 KIT. . . .	23018524				1
	REPLACES 6771379 CONTROL VALVE BODY ASSY -					
	INCHING CONTROL WITH AIR ACTUATED CLUTCH					
	CUT-OFF.					
	AIR ACTUATED CLUTCH CUT-OFF.					
17	PIN, SPRING	453675		1	2	4
20-28	NOT USED IN THIS GROUP.					
30	PIN	6750945			1	2
31	NOT USED IN THIS GROUP					

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* SERVICED AS AN ASSY - NOT AS A DETAIL PART

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
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	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
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
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
6777038	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
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



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 TO OBTAIN 114-131 PSI	6770423	AR	3	6	12
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,500 ID, .100-.104 WIRE DIA	6772453	1	1	2	4
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 TO OBTAIN 145 TO 155 PSI	6770423	AR	3	6	12
9	SPRING, PRESSURE REGULATOR VALVE, 22 COILS,875 OD, .1605-.1635 WIRE DIA COLOR CODED YELLOW	6771307	1	1	2	4
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

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 3531-1	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

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

** PRIOR TO S/N 25518.

***S/N 25518 AND LATER.

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
6775552	CRT 3531-1	D	6777946	CRT 3531-1	M
6775701	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
6777695	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 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
6831297	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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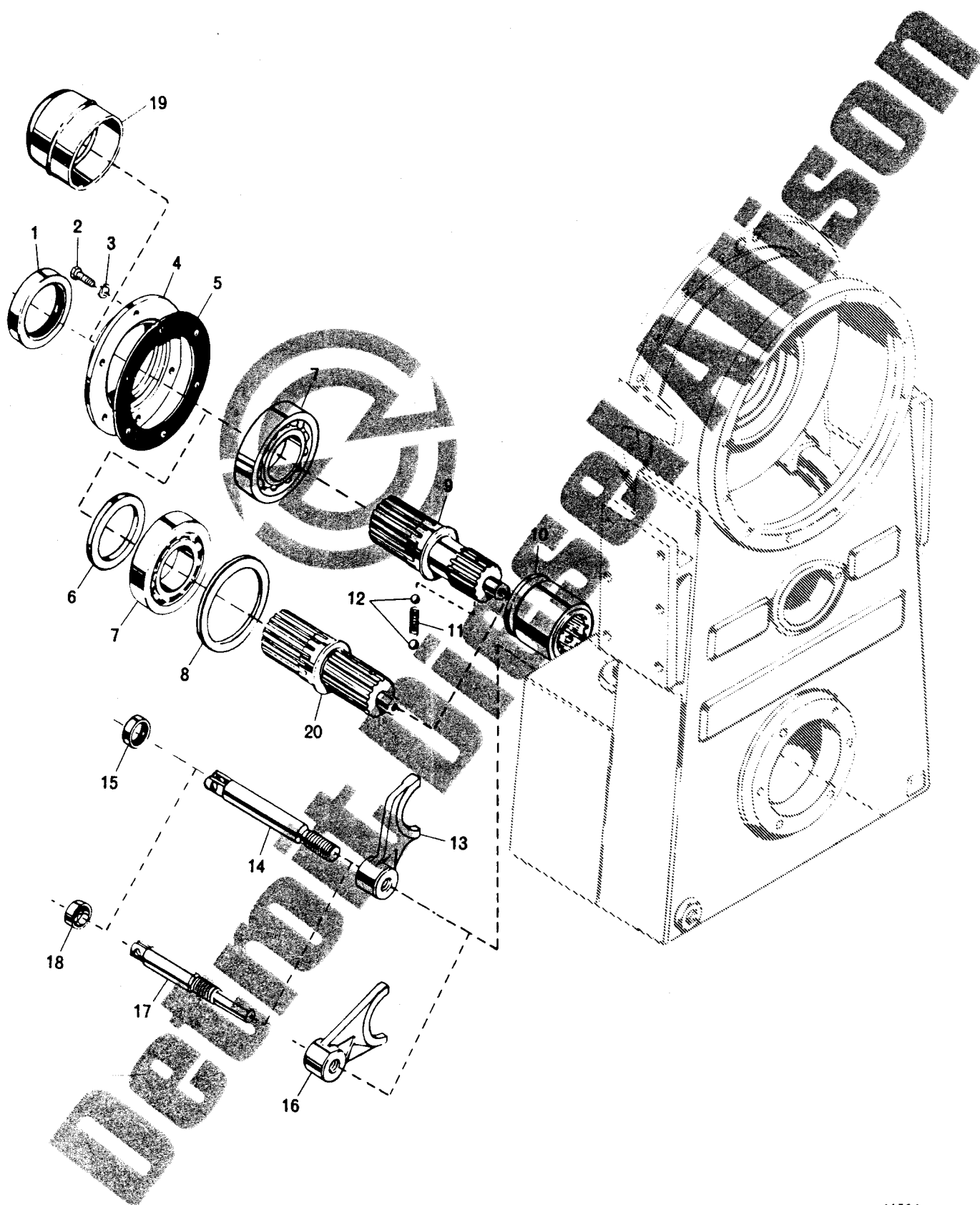
* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

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
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



4456A

FIG 15. FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH

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 OIL. 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	903311	1	1	2	5
8	NOT USED IN THIS GROUP.					
9	SHAFT, FRONT OUTPUT SEE SPI 641	6757244	1		1	2
10	COUPLING, DISCONNECT	6757245	1		1	2
11	SPRING, FRONT OUTPUT DISCONNECT DETENT	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 OIL	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	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	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

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, DISCONNECT	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 J

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
13	FORK, DISCONNECT SHIFTER PRIOR TO S/N 25518 . . . USE P/N 6757246. STARTING WITH S/N 25518 ORDER P/N 6772183	6772183	1		1	2
14	SHAFT, SHIFTER FORK. PRIOR TO S/N 25518 USE P/N . 6757228. STARTING WITH S/N 25518 ORDER P/N 6772187.	6772187	1		1	2

GROUP K

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP C, EXCEPT FOR PARTS LISTED BELOW.

13-17	NOT USED IN THIS GROUP.					
18	CAP, SHIFTER FORK SHAFT HOLE	6774572	1		1	2
19	NOT USED IN THIS GROUP.					

GROUP L

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

9	SHAFT, FRONT OUTPUT SEE SPI 641	6830402	1		1	2
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GROUP M

FRONT OUTPUT SHAFT AND DISCONNECT CLUTCH, FIGURE 15

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

14	SHAFT, SHIFTER FORK	6832387	1		1	2
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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	CKT 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	CKT 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	6771392	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
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
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	6778999	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 3331-1	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	6836794	CRT 3531-1	A
6831986	CRT 3331-1	B	6836834	CRT 3331-1	B

CONTINUED ON NEXT PAGE

* 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

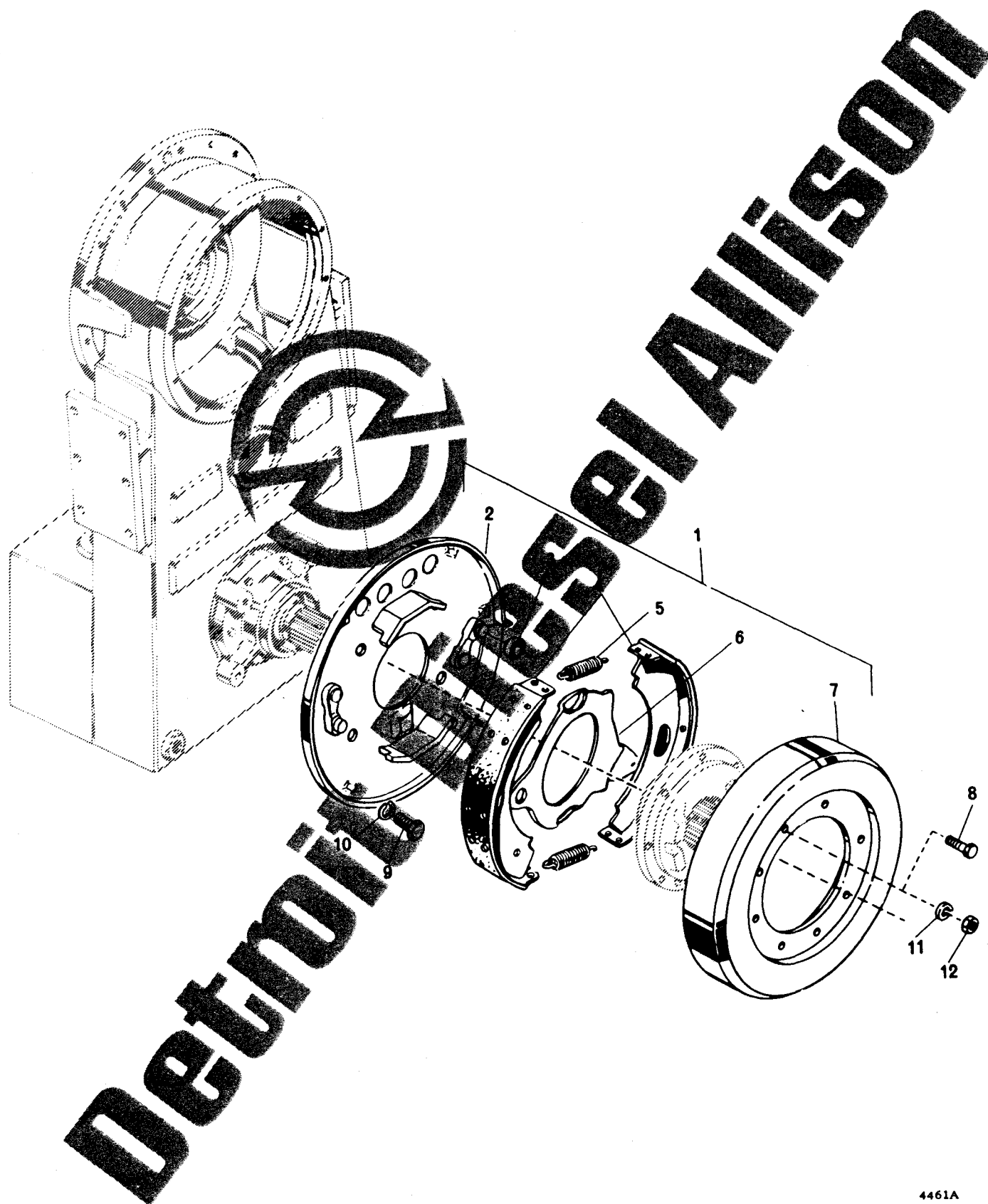


FIG 16. PARKING BRAKE

GROUP A

PARKING BRAKE, FIGURE 16

REF NO	NOMENCLATURE	PART NO	REQ	RECCMMENDED 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.

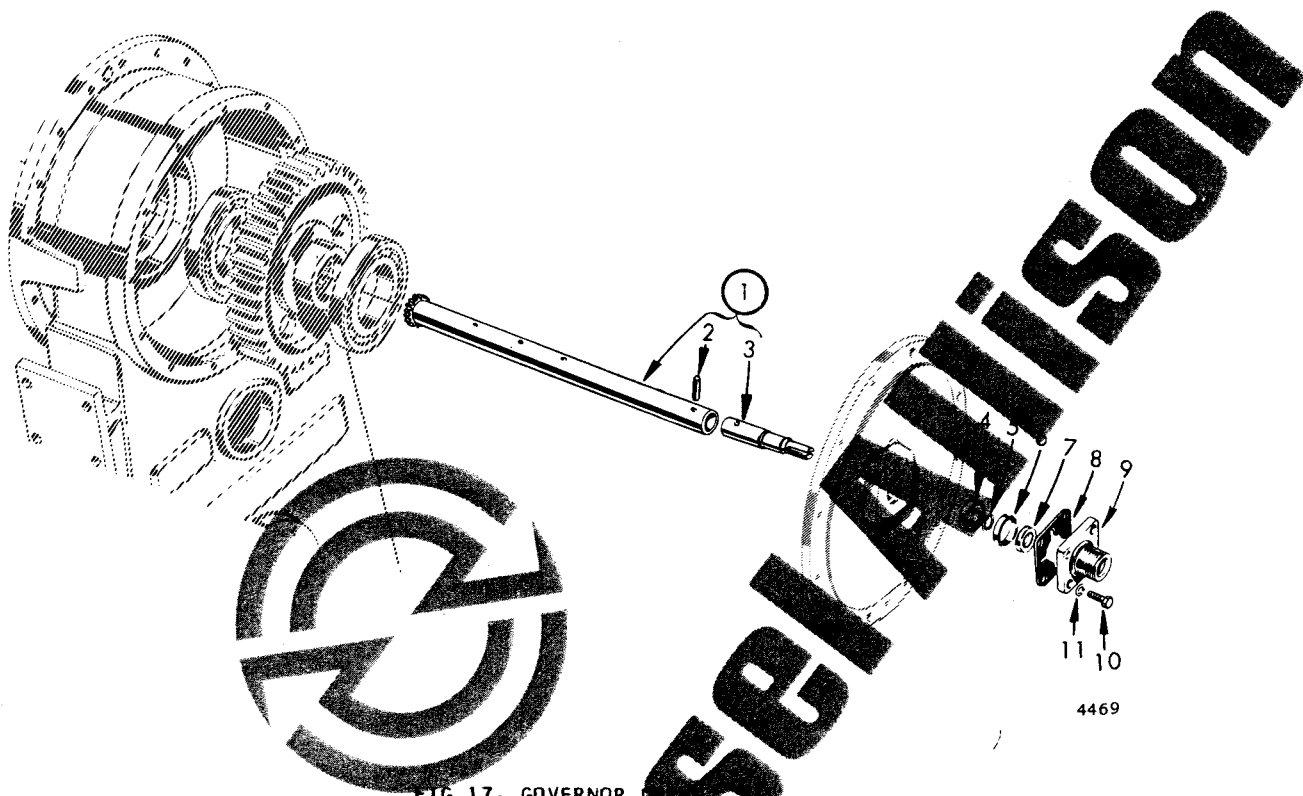
8	NOT USED IN THIS GROUP.					
11	WASHER, LOCK, 3/8	103321	8	8	16	24
12	NUT, HEX HD, 3/8 - 24	103026	8	8	16	24

GOVERNOR AND SPEEDOMETER DRIVE SECTION

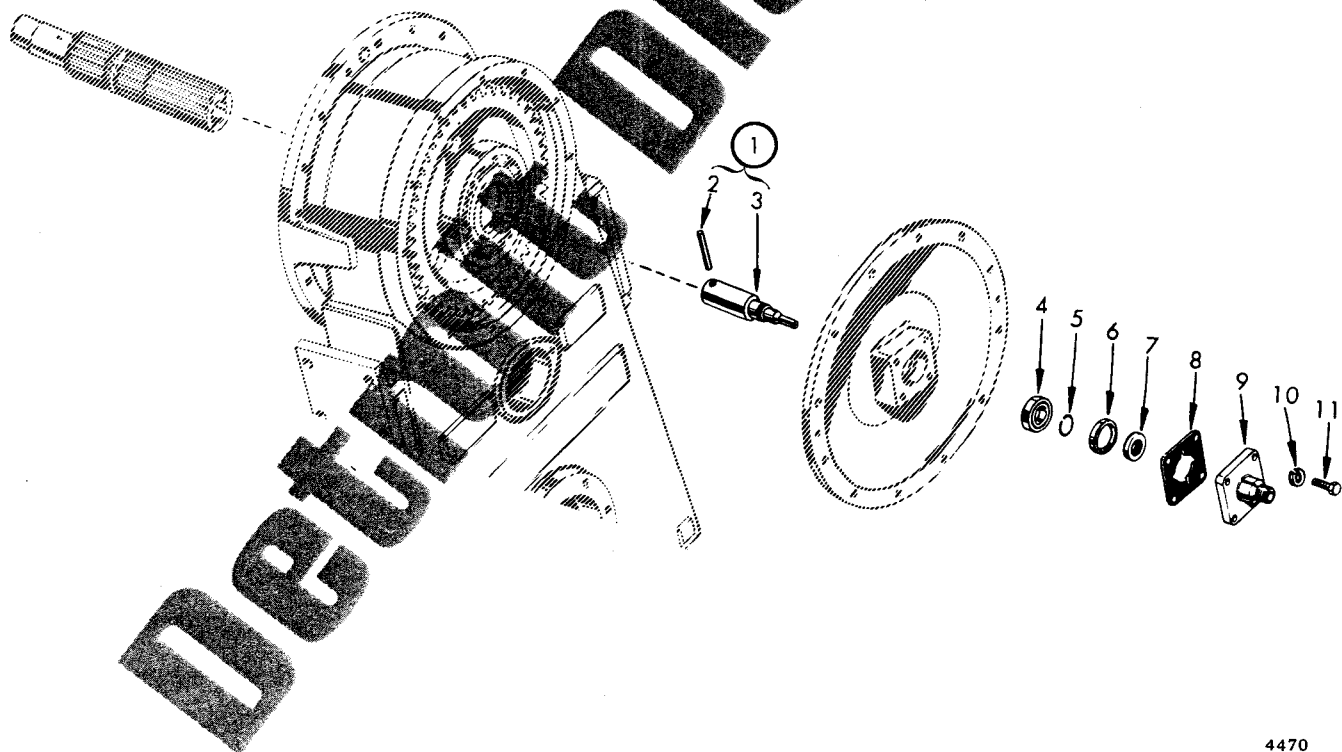
TO FIND DETAIL PARTS FOR YOUR ALLISON POWERSHIFT TRANSMISSION, TURN TO
THE GROUP LISTED OPPOSITE THE ASSEMBLY PART NUMBER OF YOUR TRANSMISSION.

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



4469



4470

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	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	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

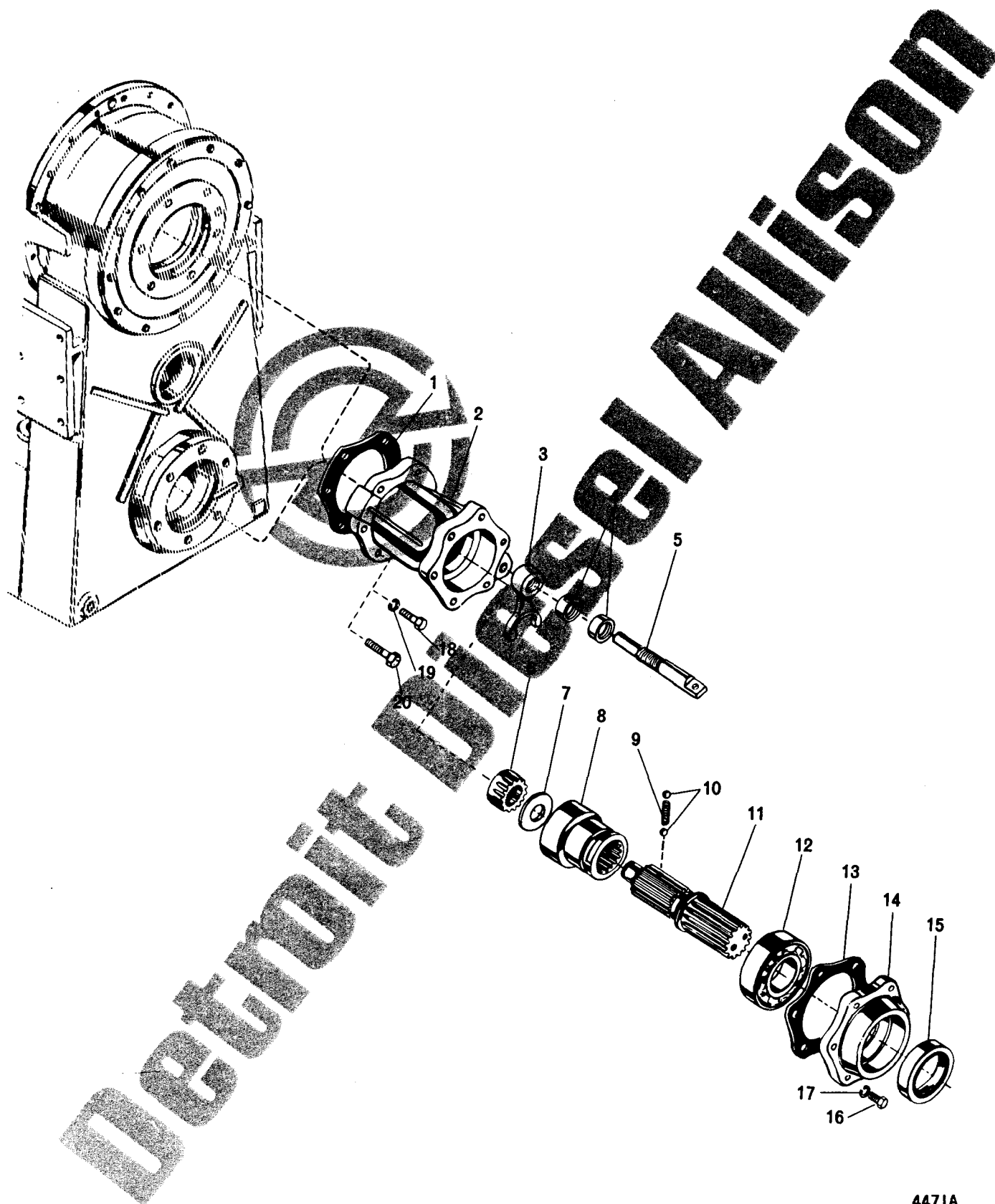
* SERVICED AS AN ASSY - NOT AS A DETAIL PART

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



4471A

FIG. 18 REAR OUTPUT DISCONNECT CLUTCH

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	23012852	2		2	4
4	KIT, DISCONNECT CLUTCH SHAFT SEAL - CONSISTING OF 23014064 OIL SEAL, 23014065 ROD WIPER AND INSTRUCTION SHEET.	23014948	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	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	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

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

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* 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
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

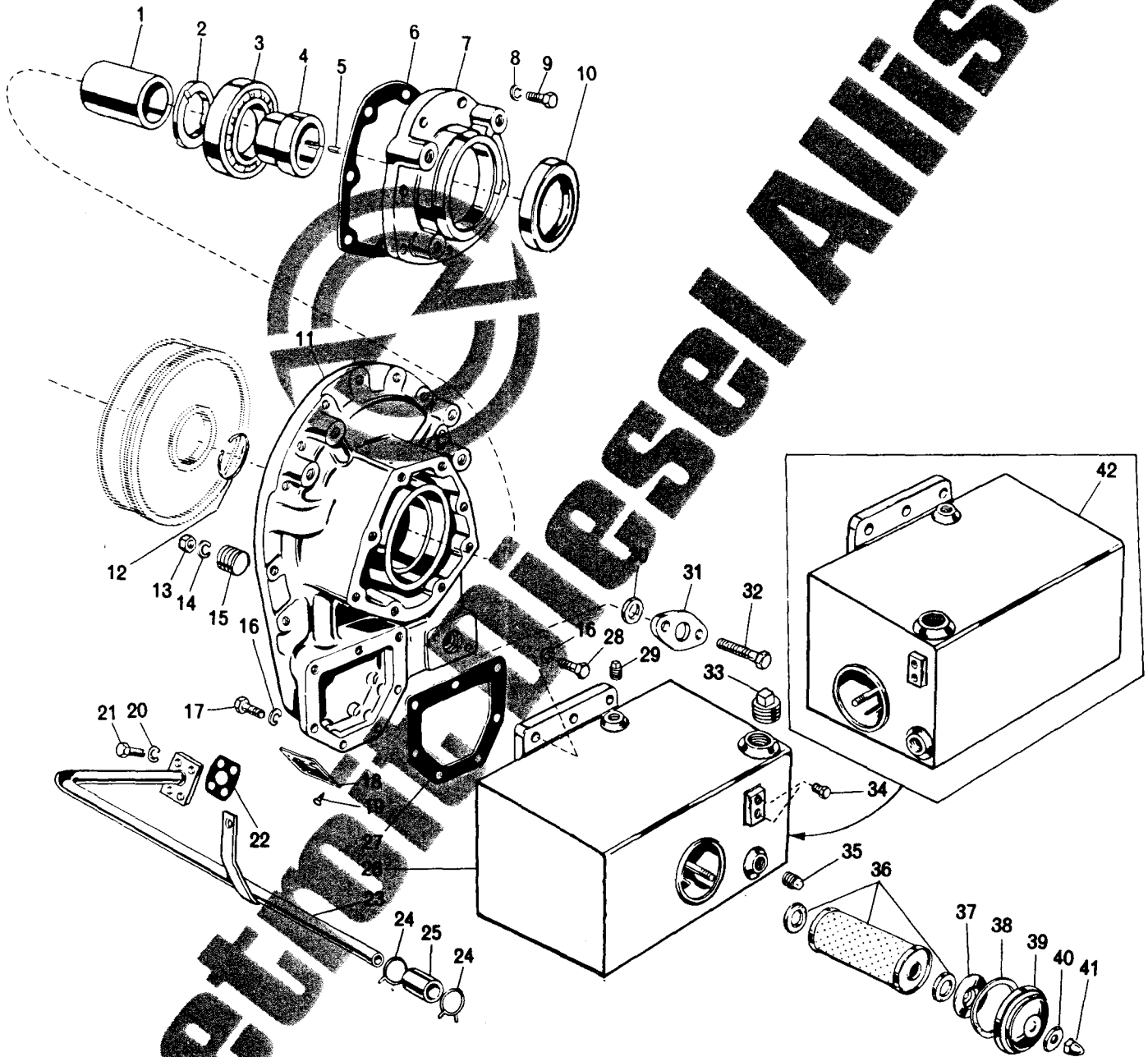


FIG 19. OIL SUMP ADAPTER.

GROUP A

OIL SUMP ADAPTER, FIGURE 19

REF NO	NOMENCLATURE	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	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	6759481	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	9438932	1	1	2	3
34	PLUG, OIL LEVEL CHECK, 1/4	23012035	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.

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 H

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
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.					

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

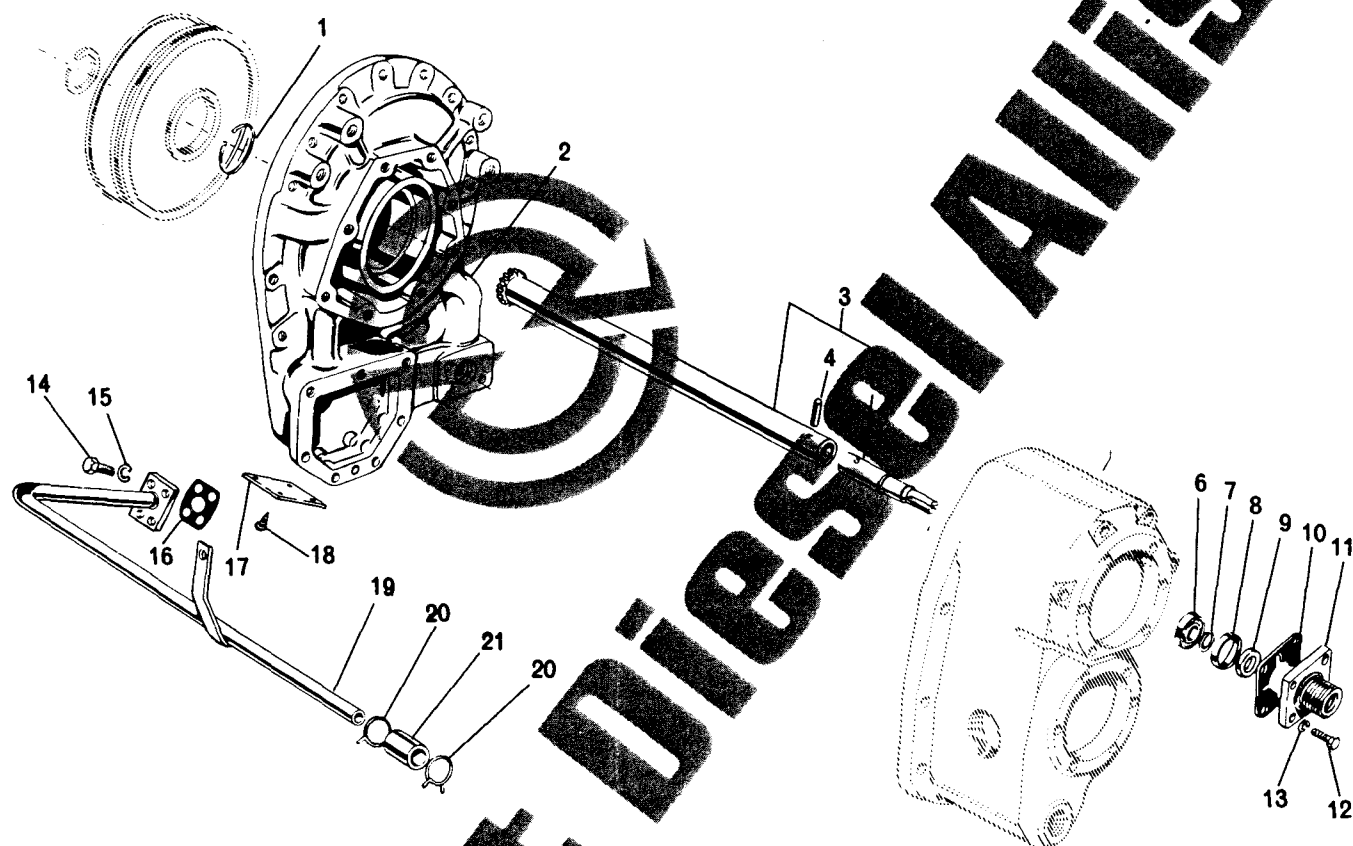


FIG 20. DROPBOX ADAPTER AND GOVERNOR DRIVE

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	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

MISCELLANEOUS OPTIONS SECTION

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

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

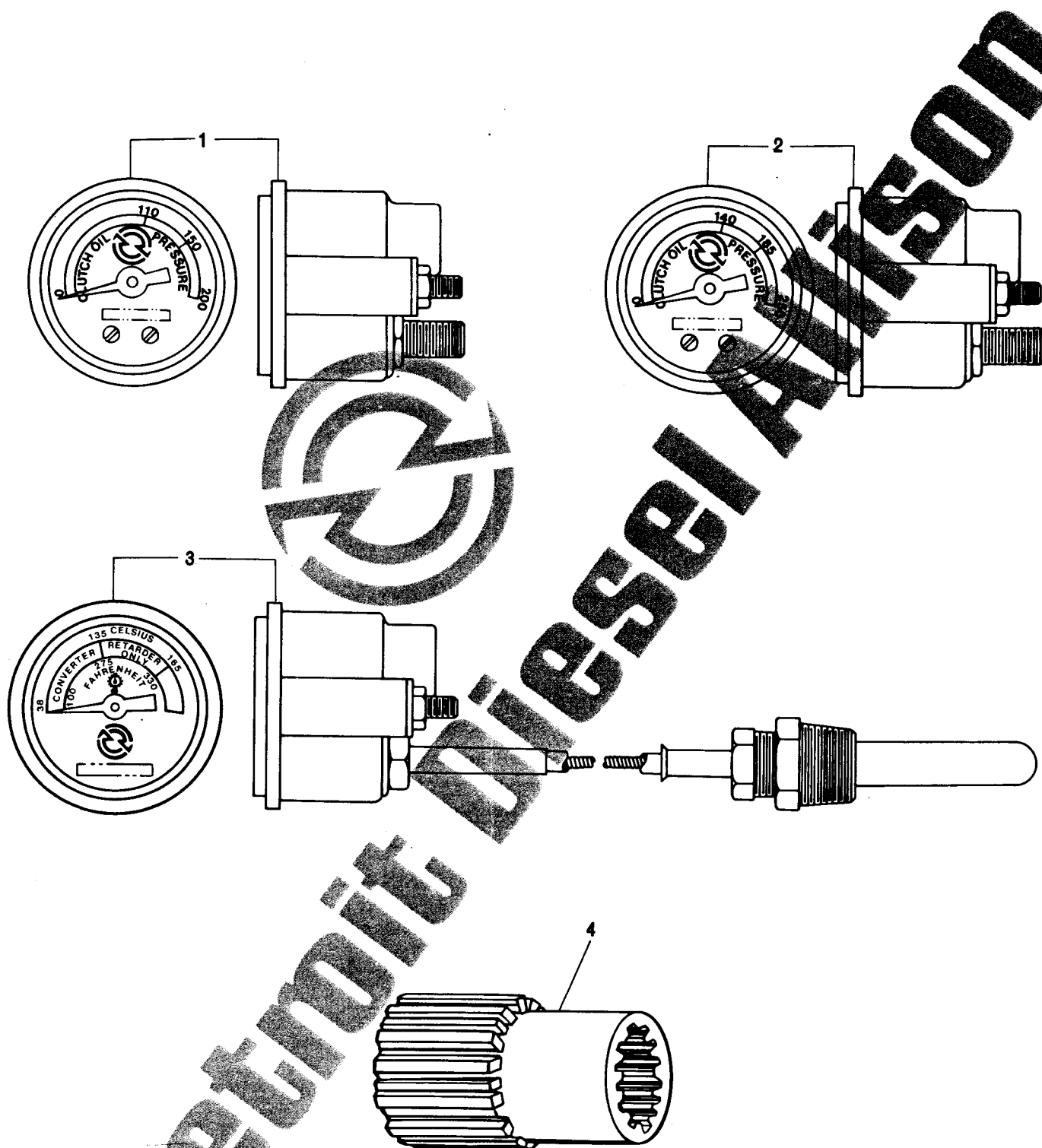


FIG. 21 CLUTCH OIL PRESSURE GAGE, OIL TEMPERATURE GAGE AND IMPLEMENT PUMP DRIVE COUPLING

19503

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	23010422	1	1	2	3
3	GAGE, OIL TEMPERATURE W/6 FOOT CAPILLARY	23010423	1	1	2	3
3	GAGE, OIL TEMPERATURE W/4 FOOT CAPILLARY	23010424	1	1	2	3

COUPLING, IMPLEMENT PUMP DRIVE, FIGURE 21

4	COUPLING, IMPLEMENT PUMP DRIVE SAE C SPLINE . . . TO SAE B SPLINE	6771957	1	1	2	3
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ALLISON POWERSHIFT TRANSMISSION 3321, 3331, 3531 AND 3630 SERIES PARTS CATALOG

SUPPLEMENTAL PARTS INFORMATION
(SPI)

SUBJECT: Improved Anchor Lock Pin

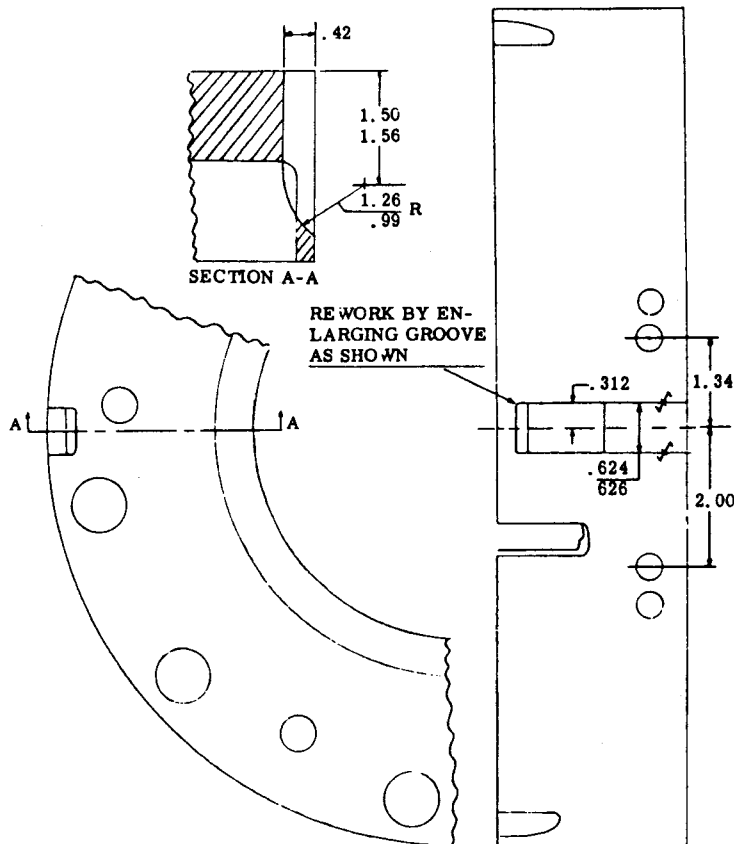
The anchor lock pins and anchor assemblies have been changed in the CRT 3331 transmission, effective with Serial No. 5719. The following table gives information necessary for ordering parts.

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).



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>
6773797	6772281	Housing, Transfer Gear	1
6773797	6771637	Housing, Transfer Gear	1
6773797	6770930	Housing, Transfer Gear (6773797 replaces the old standard overdrive welded dropbox, and the standard overdrive cast dropbox and the interim front fill welded dropbox.)	1
6772192	6768515	Housing, Transfer Gear (6772192 replaces the old cast dropbox which had a top filler hole)	1
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 Duty	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
5576445	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
	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>
6773797	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
6838494	Nameplate	1
145372	Screw, Drive, Nameplate	4
143938	Plug	1
23012035	Plug	1

2. Kit P/N 677333 - 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	1
103323	Washer	6
179884	Bolt	6
6772183	Fork, Shifter	1
6772187	Shaft, Shifter	1
179840	Bolt	12
6838484	Nameplate	1
145372	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>
6773797	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
5576445	Gasket	1
6769995	Cover	1
115308	Washer	1
181343	Bolt	1
6770169	Nipple	1
179857	Bolt	1
6838494	Nameplate	1
145372	Screw	4
6773338	Instruction Sheet No. 31	1
143938	Plug	1
23012035	Plug	1

4. Kit P/N 6773336 - Replaces cast dropbox P/N 6759526 and cast dropbox P/N 6768515.

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 (See Figure 1)	1
6772184	Fork, Shifter (See Figure 1)	1
6772187	Shaft, Shifter	1
179840	Bolt	12
6769994	Coupling	1
6769996	Screen, Oil	1
6757774	Retainer	1
5576445	Gasket	1
6769995	Cover	1
115308	Washer	1
181343	Bolt	1
6770169	Nipple	1
179857	Bolt	1
6838494	Nameplate	1
145372	Screw	4
6773338	Instruction Sheet No. 31	1

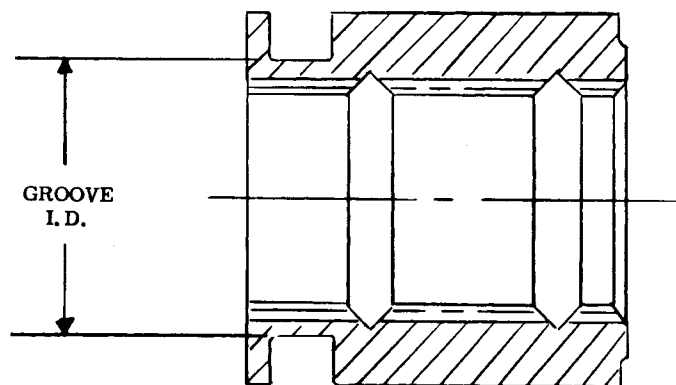


Figure 1. Disconnect Coupling

To determine which shifter fork is required, measure the diameter of the groove in the disconnect coupling.

<u>Groove I.D.</u>	<u>Shifter Fork Required</u>
2.46	6772183
2.84	6772184

5. Kit P/N 6773337 - Replaces cast dropbox P/N 6759241.

Contents of kit:

<u>Part No.</u>	<u>Part Name</u>	<u>Quantity</u>
6773086	Housing, Transfer Gear	1
6769994	Coupling	1
6769996	Screen, Oil	1
6757774	Retainer	1
5576445	Gasket, Oil Screen	1
6769995	Cover	1
115308	Washer	1
181343	Bolt	1
6770169	Nipple	1
179857	Bolt	1
6838494	Nameplate	1
145372	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 number; 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

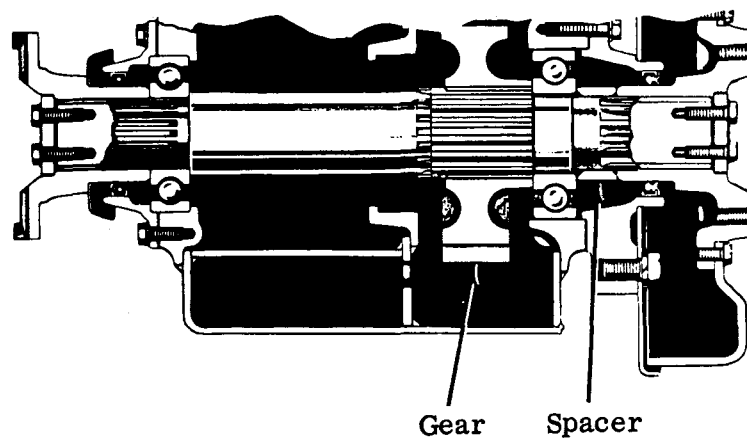
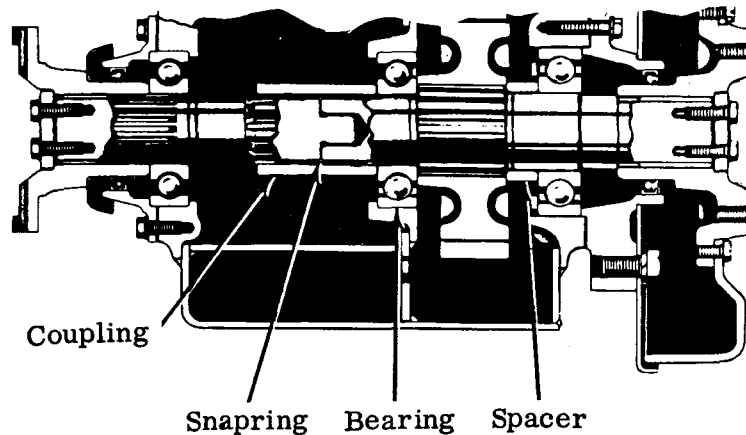


Fig. 2. Standard configuration



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, snap-ring 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