

SA 1076P



Powershift Transmission

ALLISON DIVISION OF GENERAL MOTORS

SA 1076P

5530, 5630, 5631 series

MODELS

CRT 5530, 5630, 5631

Allison

Powershift Transmission

Parts Catalog

Prepared By
ALLISON PUBLICATIONS SERVICES

ALLISON DIVISION OF GENERAL MOTORS • BOX 894, INDIANAPOLIS, INDIANA, 46206 _____

MODELS COVERED

The Allison 5530, 5630, 5631 series models covered in this catalog are listed on page 4-1.1 by A/N (Assembly Number) in numerical sequence.

YOU MUST KNOW TRANSMISSION PART NUMBER

To use this catalog you must know the Allison assembly number (A/N) found on the transmission name plate. The name plate is attached to the upper left side toward the output end of the housing.

SERVICE KITS

Available service parts kits are listed on page 8.

NUMERICAL INDEX

A numerical index is included in the rear of this catalog. This index is cross-referenced to indicate the history of 5530, 5630, 5631 parts. Parts both current and superceded appear in numerical order in the Part No. column. Current part numbers refer to the figure and reference numbers of the parts. Parts replacing older parts are followed by the older part number in the history column. Parts that have been replaced are followed by the part number of the replacing part. Footnote symbols show when a part is replaced by (RB), or when a part replaces (R) in older part.

CROSS SECTION

A cross sectional view of the transmission and available options are shown on a foldout at the back of this catalog.

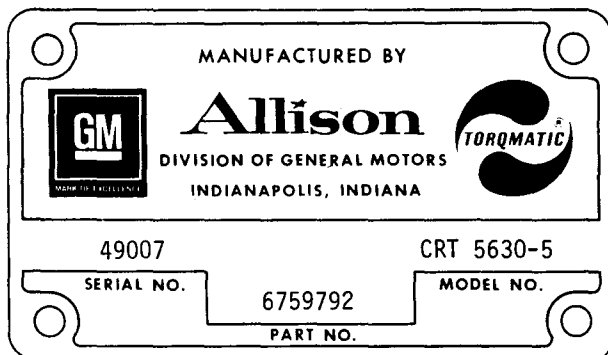
HOW TO ORDER PARTS

If an assembly or subassembly is ordered, all subassemblies and detail parts indented beneath it will be included.

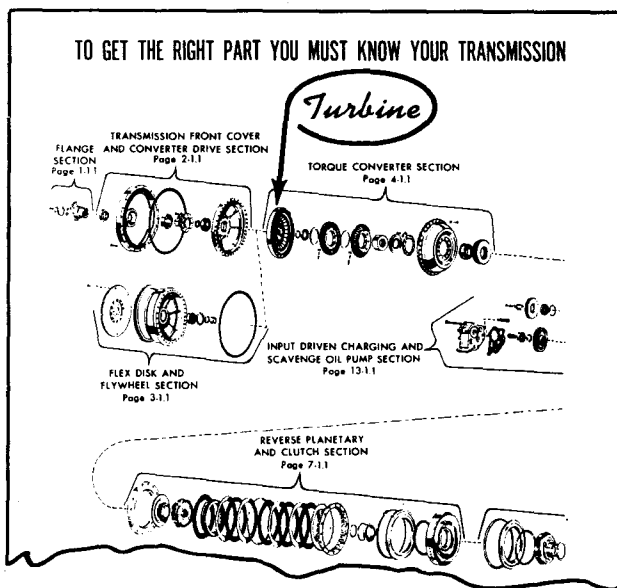
If a detail part is ordered, only the detail part will be sent unless its part number is starred (*). A starred (*) part number means that such a part is not serviced alone. This is necessary because certain parts require factory installation or adjustment. If an order is received for a starred (*) part, the assembly or subassembly under which it is indented will be sent.

HOW TO USE THIS CATALOG

Example: To find the part number of a torque converter turbine, follow the procedure outlined below:



Obtain the transmission part number (P/N or A/N) and serial number shown on the name plate as illustrated. It reads 6759792.

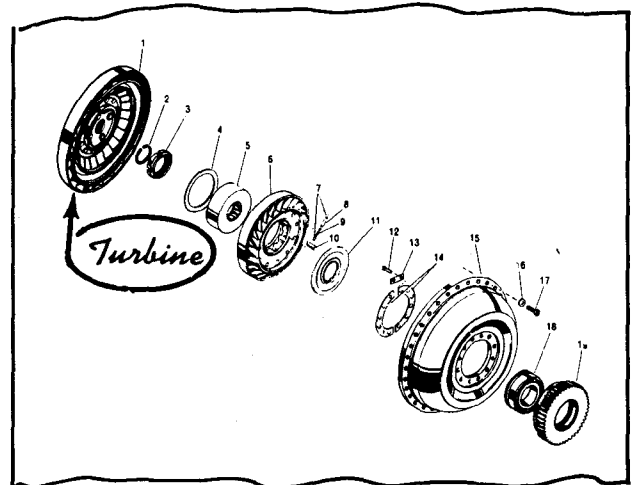


Turn to the pictorial index of exploded parts. The turbine is shown in the Torque Converter Section which is referenced to page 4-1.1.

ALLISON POWERSHIFT TRANSMISSION 5530-5630-5631 SERIES PARTS CATALOG 4-1.1					
TORQUE CONVERTER 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
6751512	CRT 5630-2	C	6775455	CRT 5631-6	B
6751981	CRT 5630-2	A	6775835	CRT 5631-6	E
6752271	CRT 5630-2	A	6775889	CRT 5631-3	F
6755792	CRT 5630-5	A	6775956	CRT 5631-6	F
6755800	CRT 5630-3	A	6775957	CRT 5631-6	F
6755808	CRT 5630-6	A	6775958	CRT 5631-6	H
			6776471	CRT 5631-6	J

Beginning on page 4-1.1, listed in numerical sequence, are the transmission assembly numbers (A/N) of the various models. Under the A/N column you will find the A/N 6759792. Opposite this number (6759792) under the group listing column to the right, you will find the group letter A.

ALLISON POWERSHIFT TRANSMISSION 5530-5630-5631 SERIES PARTS CATALOG 4-3.1			
GROUP A			
TORQUE CONVERTER, FIGURE 4			
REF AC	NOMENCLATURE	PART NO	REQ
1	TURBINE	6831803	1
2	WASHER, TURBINE THRUST	6758485	1
3	NUT, LOCK	6756322	1
4	WASHER, THRUST	6758485	1
5	STATOR, FIRST 8 POCKET STATOR CAM	6768832	1
6	ROLLER, STATOR FREEWHEEL	6769607	8
7	PIN	6756710	8
8	SPRING, .0287-.0223 DIA WIRE, .230 OD, 33	6769449	8
9	TOTAL COILS		
10	WASHER, TURBINE THRUST	6758485	1
11	STATOR, SECOND 8 POCKET STATOR CAM	6768833	1
12		6769607	8

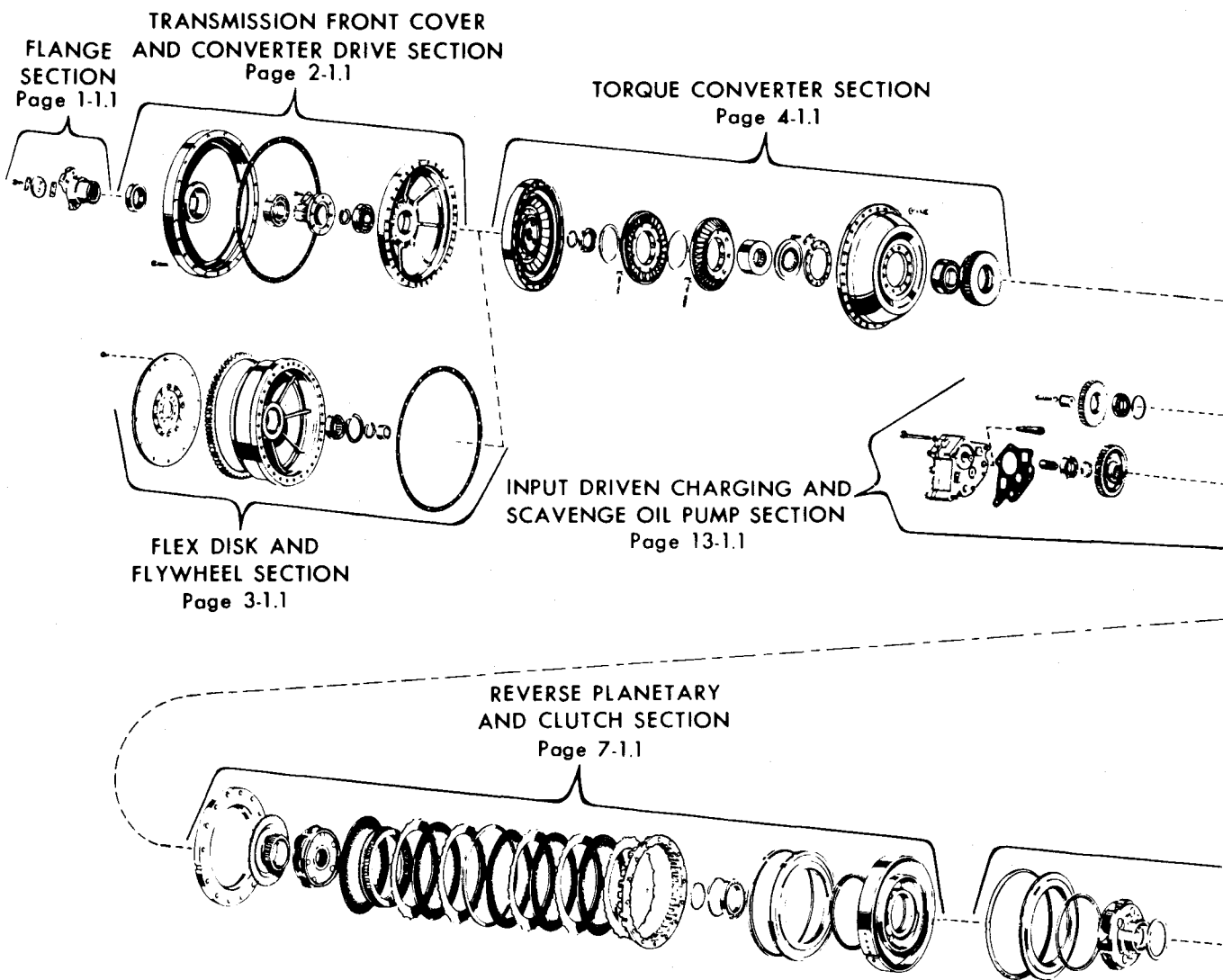


Turning to Group A, the turbine is referenced as 1 in the group illustration; the part number is listed as 6831803.

NOTE

Use the basic procedure explained above to locate any part number required. Refer also to the opposite page for additional parts ordering information.

TO GET THE RIGHT PART YOU MUST KNOW YOUR TRANSMISSION

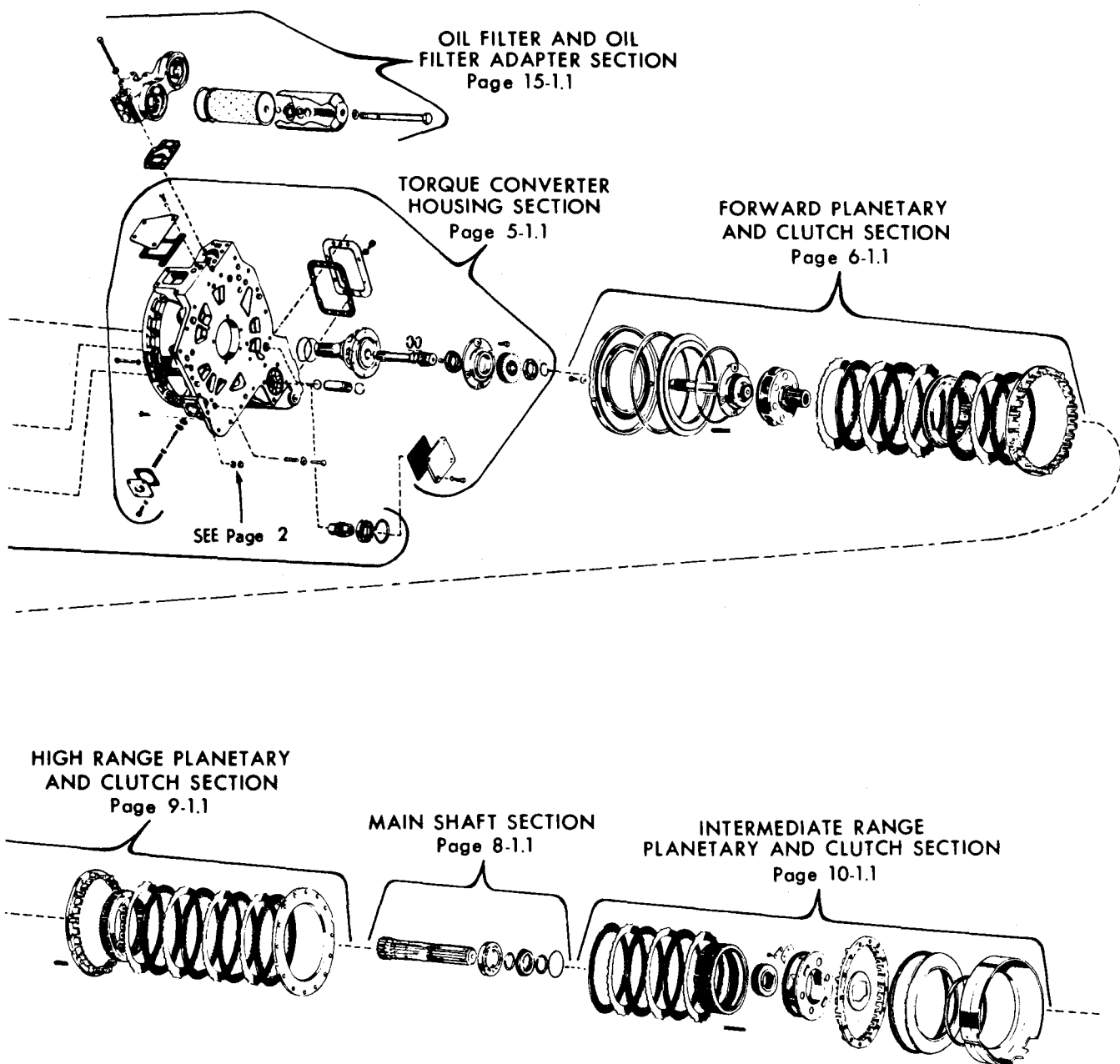


To Get the Right Part
You Must Know Your
Transmission Assembly
Number Found on the
Transmission Name Plate

7221

5530-5630-5631 SERIES POWERSHIFT

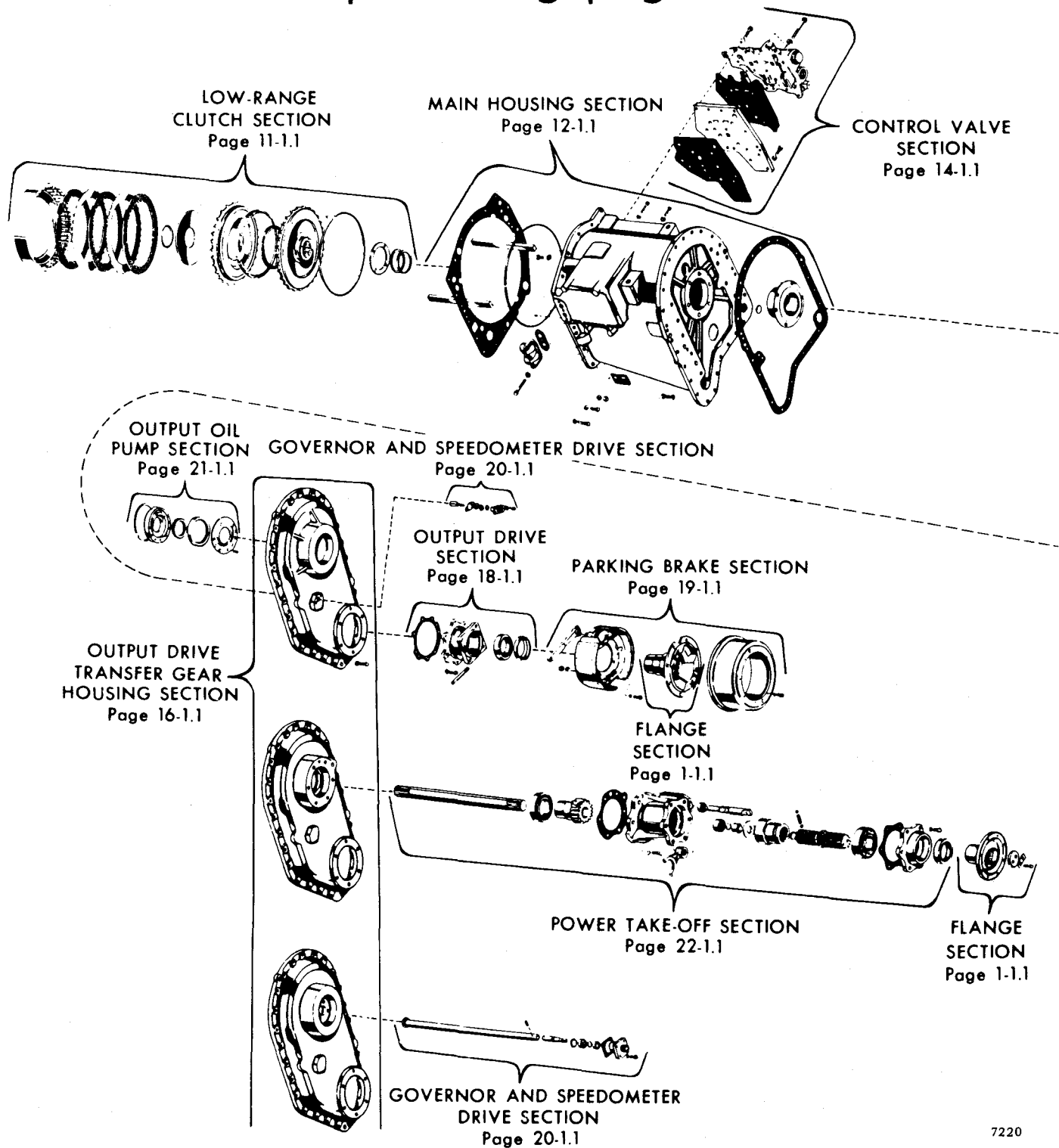
ASSEMBLY NUMBER FOUND ON THE TRANSMISSION NAME PLATE



Pictorial Index continued next page

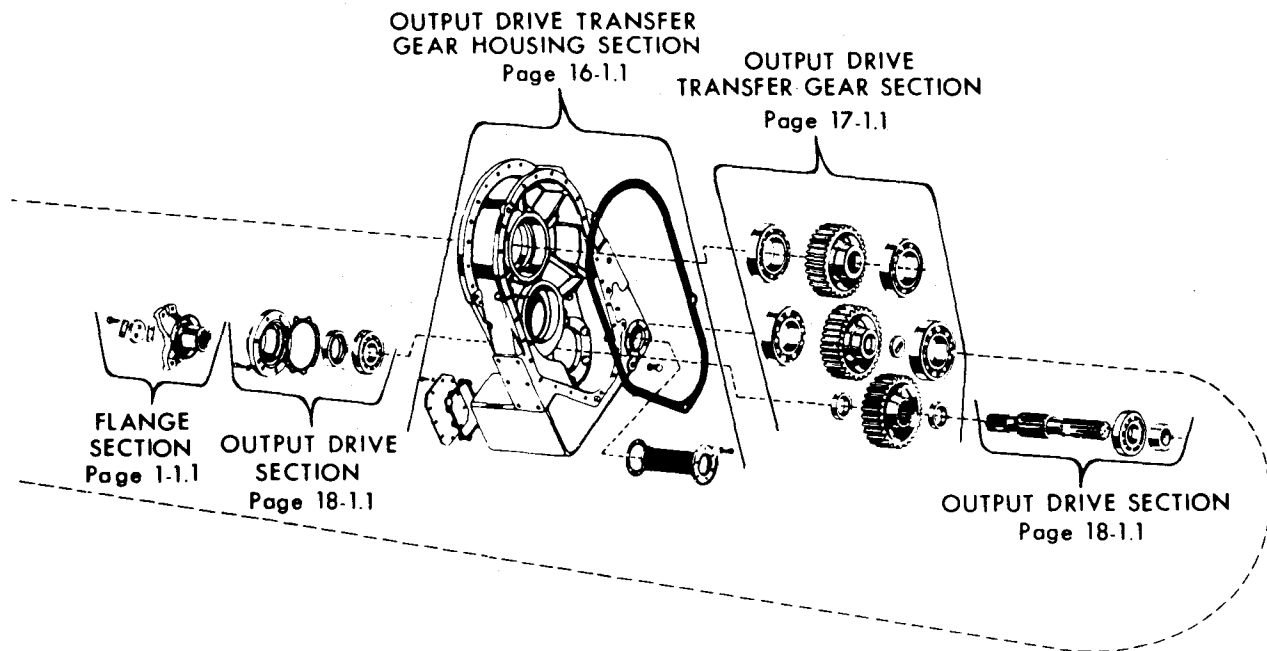
TO GET THE RIGHT PART YOU MUST KNOW YOUR TRANSMISSION

Continued from preceding page



5530-5630-5631 SERIES POWERSHIFT

ASSEMBLY NUMBER FOUND ON THE TRANSMISSION NAME PLATE



To Get the Right Part
You Must Know Your
Transmission Assembly
Number Found on the
Transmission Name Plate

4912A

MODEL DESIGNATION CODE
(Stamped on the transmission name plate)

The letters "CRT" show the arrangement of the transmission components and the type of transmission. The digits (5530, 5630 or 5631) indicate the size of the converter used, the transmission capacity, the transmission speed ranges and the model change. The example below illustrates the meaning of the letters and numbers.

"CRT" means a transmission with a converter placed first and a transmission with three speeds forward and three speeds reverse connected to the converter. The first digit (5) indicates the converter size, Series 500. The second digit (5 or 6) indicates the approximate transmission torque capacity. The third number (3) means the transmission has three basic speed ranges. The fourth number (0 or 1) indicates the major model changes.

Code Explanation

- C indicates Converter.
- RT indicates a fully reversing Transmission.
- 5 indicates Converter size.
- 5 or 6 indicates Transmission capacity.
- 3 indicates Transmission basic speed ranges
(3 speeds forward, 3 speeds reverse).
- 0 or 1 indicates major model changes.

QUICK REFERENCE LISTING
FOR YOUR POWERSHIFT DRIVE

Fill In Now

ALLISON POWERSHIFT TRANSMISSION

1. Model No. _____ Assy Part No. _____
Serial No. _____ Installation _____

ALLISON POWERSHIFT TRANSMISSION

2. Model No. _____ Assy Part No. _____
Serial No. _____ Installation _____

ALLISON POWERSHIFT TRANSMISSION

3. Model No. _____ Assy Part No. _____
Serial No. _____ Installation _____

ALLISON POWERSHIFT TRANSMISSION

4. Model No. _____ Assy Part No. _____
Serial No. _____ Installation _____

ALLISON POWERSHIFT TRANSMISSION

5. Model No. _____ Assy Part No. _____
Serial No. _____ Installation _____

ALLISON POWERSHIFT TRANSMISSION

6. Model No. _____ Assy Part No. _____
Serial No. _____ Installation _____

ALLISON POWERSHIFT TRANSMISSION

7. Model No. _____ Assy Part No. _____
Serial No. _____ Installation _____

ALLISON POWERSHIFT TRANSMISSION

8. Model No. _____ Assy Part No. _____
Serial No. _____ Installation _____

ALLISON POWERSHIFT TRANSMISSION

9. Model No. _____ Assy Part No. _____
Serial No. _____ Installation _____

Service Kits

LISTED BELOW ARE THE SERVICE KITS
AVAILABLE FOR THE 5630 SERIES POWERSHIFT TRANSMISSION

(Contains all seals and gaskets necessary for complete transmission rebuild)

SEAL AND GASKET KIT — P/N 6771716

Used on CRT-5630 Powershift Transmission, remote mounted —
Prior to S/N 15286

SEAL AND GASKET KIT — P/N 6771717

Used on CRT-5630 Powershift Transmission, engine mounted —
Prior to S/N 15286

SEAL AND GASKET KIT — P/N 6771829

Used on CRT-5630 Powershift Transmission, remote mounted —
S/N 15286 thru 49006

SEAL AND GASKET KIT — P/N 6771830

Used on CRT-5630 Powershift Transmission, engine mounted —
S/N 15326 thru 49006

PARKING BRAKE LINING KIT — P/N 6830456

Used on Bendix 12 x 5 Parking Brake. Contains linings for
2 brake shoes and 28 rivets.

SEAL AND GASKET KIT — P/N 6833573

Used on CRT-5630-5631 Powershift Transmission, remote mounted —
S/N 49007 and after

SEAL AND GASKET KIT — P/N 6833574

Used on CRT-5630-5631 Powershift Transmission, engine mounted —
S/N 49007 and after

Designed especially for you . . .

Allison

ENGINEERED SERVICE KITS

You won't be guessing in your selecting

FLANGE 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	LOCATION	A/N*	MODEL	GROUP	LOCATION
6757512	CRT 5630-2	A	A	6772769	CRT 5630-5	J	D
6757512	CRT 5630-2	B	C	6772820	CRT 5630-6	E	C
6759722	CRT 5630-2	A	A	6772820	CRT 5630-6	C	D
6759722	CRT 5630-2	B	C	6772821	CRT 5630-6	E	C
6759792	CRT 5630-5	A	A	6772821	CRT 5630-6	C	D
6759792	CRT 5630-5	B	C	6773041	CRT 5630-5	A	A
6759792	CRT 5630-5	C	D	6773041	CRT 5630-5	E	C
6759799	CRT 5630-5	A	A	6773041	CRT 5630-5	C	D
6759799	CRT 5630-5	B	C	6773143	CRT 5630-2	H	A
6759799	CRT 5630-5	C	D	6773143	CRT 5630-2	G	C
6759800	CRT 5630-3	K	B	6773306	CRT 5631-6	E	C
6759800	CRT 5630-3	B	C	6773306	CRT 5631-6	C	D
6759800	CRT 5630-3	C	D	6773915	CRT 5631-6	B	C
6759808	CRT 5630-6	B	C	6773915	CRT 5631-6	J	D
6759808	CRT 5630-6	C	D	6774147	CRT 5630-6	E	C
6759833	CRT 5630-2	A	A	6774147	CRT 5630-6	C	D
6759833	CRT 5630-2	D	C	6774148	CRT 5631-6	E	C
6759980	CRT 5630-5	A	A	6774148	CRT 5631-6	C	D
6759980	CRT 5630-5	E	C	6774341	CRT 5631-5	A	A
6759980	CRT 5630-5	C	D	6774341	CRT 5631-5	E	C
6769778	CRT 5630-6	B	C	6774341	CRT 5631-5	C	D
6769778	CRT 5630-6	J	C	6774498	CRT 5631-6	E	C
6769926	CRT 5630-6	B	C	6774498	CRT 5631-6	C	D
6769926	CRT 5630-6	C	D	6774584	CRT 5631-5	A	A
6770280	CRT 5630-3	L	B	6774584	CRT 5631-5	E	C
6770280	CRT 5630-3	B	C	6774584	CRT 5631-5	C	D
6770280	CRT 5630-3	C	D	6774639	CRT 5631-6	E	C
6770378	CRT 5630-2	F	A	6774639	CRT 5631-6	C	D
6770378	CRT 5630-2	G	C	6774640	CRT 5631-6	E	C
6770680	CRT 5630-6	B	C	6774640	CRT 5631-6	C	D
6770680	CRT 5630-6	J	D	6774665	CRT 5631-8	M	D
6770695	CRT 5630-6	B	C	6774692	CRT 5631-6	B	C
6770695	CRT 5630-6	C	D	6774692	CRT 5631-6	J	D
6770992	CRT 5630-6	B	C	6774764	CRT 5630	P	
6770992	CRT 5630-6	C	D	6774859	CRT 5631-6	E	C
6771642	CRT 5630-3	E	C	6774859	CRT 5631-6	C	D
6771642	CRT 5630-3	C	D	6774860	CRT 5631-6	E	C
6771643	CRT 5630-6	E	C	6774860	CRT 5631-6	C	D
6771643	CRT 5630-6	C	D	6775295	CRT 5631-5	A	A
6771644	CRT 5630-6	E	C	6775295	CRT 5631-5	E	C
6771644	CRT 5630-6	C	D	6775295	CRT 5631-5	C	D
6771691	CRT 5630-6	B	C	6775459	CRT 5631-6	B	C
6771691	CRT 5630-6	J	D	6775459	CRT 5631-6	J	D
6772035	CRT 5631-5	A	A	6775835	CRT 5631-6	N	C
6772035	CRT 5631-5	E	C	6775835	CRT 5631-6	C	D
6772035	CRT 5631-5	C	D	6775889	CRT 5631-3	E	C
6772706	CRT 5631-6	E	C	6775889	CRT 5631-3	C	D
6772706	CRT 5631-6	C	D	6775956	CRT 5631-6	E	C
6772769	CRT 5630-5	A	A	6775956	CRT 5631-6	C	D
6772769	CRT 5630-5	B	C	6775957	CRT 5631-6	E	C

CONTINUED ON NEXT PAGE

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

FLANGE 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	LOCATION	A/N*	MODEL	GROUP	LOCATION
6775957	CRT 5631-6	C	D	6832411	CRT 5631-6	B	C
6775958	CRT 5631-6	E	C	6832411	CRT 5631-6	J	D
6775958	CRT 5631-6	C	D	6832788	CRT 5631-5	E	C
6776471	CRT 5631-6	B	C	6832788	CRT 5631-5	C	D
6776869	CRT 5631-6	E	C	6832795	CRT 5631-6	B	C
6776869	CRT 5631-6	C	D	6832795	CRT 5631-6	J	D
6776870	CRT 5631-6	E	C	6832865	CRT 5631-6	E	C
6776870	CRT 5631-6	C	D	6832865	CRT 5631-6	C	D
6777145	CRT 5631-6	E	C	6832916	CRT 5631-7	P	B
6777145	CRT 5631-6	C	D	6832924	CRT 5631-7	P	B
6777533	CRT 5631-6	E	C	6832980	CRT 5631-6	E	C
6777533	CRT 5631-6	C	D	6832980	CRT 5631-6	C	D
6778182	CRT 5631-6	B	C	6833130	CRT 5631-6	B	C
6778182	CRT 5631-6	J	D	6833130	CRT 5631-6	J	D
6778365	CRT 5631-7	P	D	6833131	CRT 5631-6	B	C
6779117	CRT 5631-6	B	C	6833131	CRT 5631-6	J	D
6779117	CRT 5631-6	J	D	6833363	CRT 5631-5	H	A
6779118	CRT 5631-6	B	C	6833363	CRT 5631-5	N	C
6779118	CRT 5631-6	J	D	6833363	CRT 5631-5	Q	D
6779240	CRT 5631-6	E	C	6833420	CRT 5631-6	E	C
6779240	CRT 5631-6	C	D	6833420	CRT 5631-6	C	D
6779471	CRT 5631-6	C	D	6833441	CRT 5631-6	B	C
6830848	CRT 5631-6	E	C	6833441	CRT 5631-6	J	D
6830848	CRT 5631-6	C	D	6833865	CRT 5631-7	P	B
6830849	CRT 5631-6	E	C	6834186	CRT 5631-6	B	C
6830849	CRT 5631-6	C	D	6834186	CRT 5631-6	C	D
6830852	CRT 5631-6	B	C	6834336	CRT 5631-6	B	C
6830852	CRT 5631-6	J	D	6834336	CRT 5631-6	J	D
6830853	CRT 5631-5	A	A	6834337	CRT 5631-6	E	C
6830853	CRT 5631-5	E	C	6834337	CRT 5631-6	E	D
6830853	CRT 5631-5	C	D	6834356	CRT 5631-6	B	C
6830854	CRT 5631-6	B	C	6834656	CRT 5631-6	J	D
6830854	CRT 5631-6	J	D	6834718	CRT 5631-6	D	D
6831043	CRT 5631-6	E	C	6834821	CRT 5631-6	E	C
6831043	CRT 5631-6	C	D	6834821	CRT 5631-6	C	D
6831364	CRT 5631-8	A	A	6834898	CRT 5631-6	E	C
6831857	CRT 5631-5	A	A	6834898	CRT 5631-6	C	D
6831857	CRT 5631-5	E	C	6835517	CRT 5631-6	D	C
6831857	CRT 5631-5	C	D	6835517	CRT 5631-6	C	D
6831858	CRT 5631-6	N	D	6835988	CRT 5631-6	G	C
6832011	CRT 5631-6	G	C	6835988	CRT 5631-6	Q	D
6832011	CRT 5631-6	Q	D	6836043	CRT 5631-7	P	
6832155	CRT 5631-6	M	D				

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

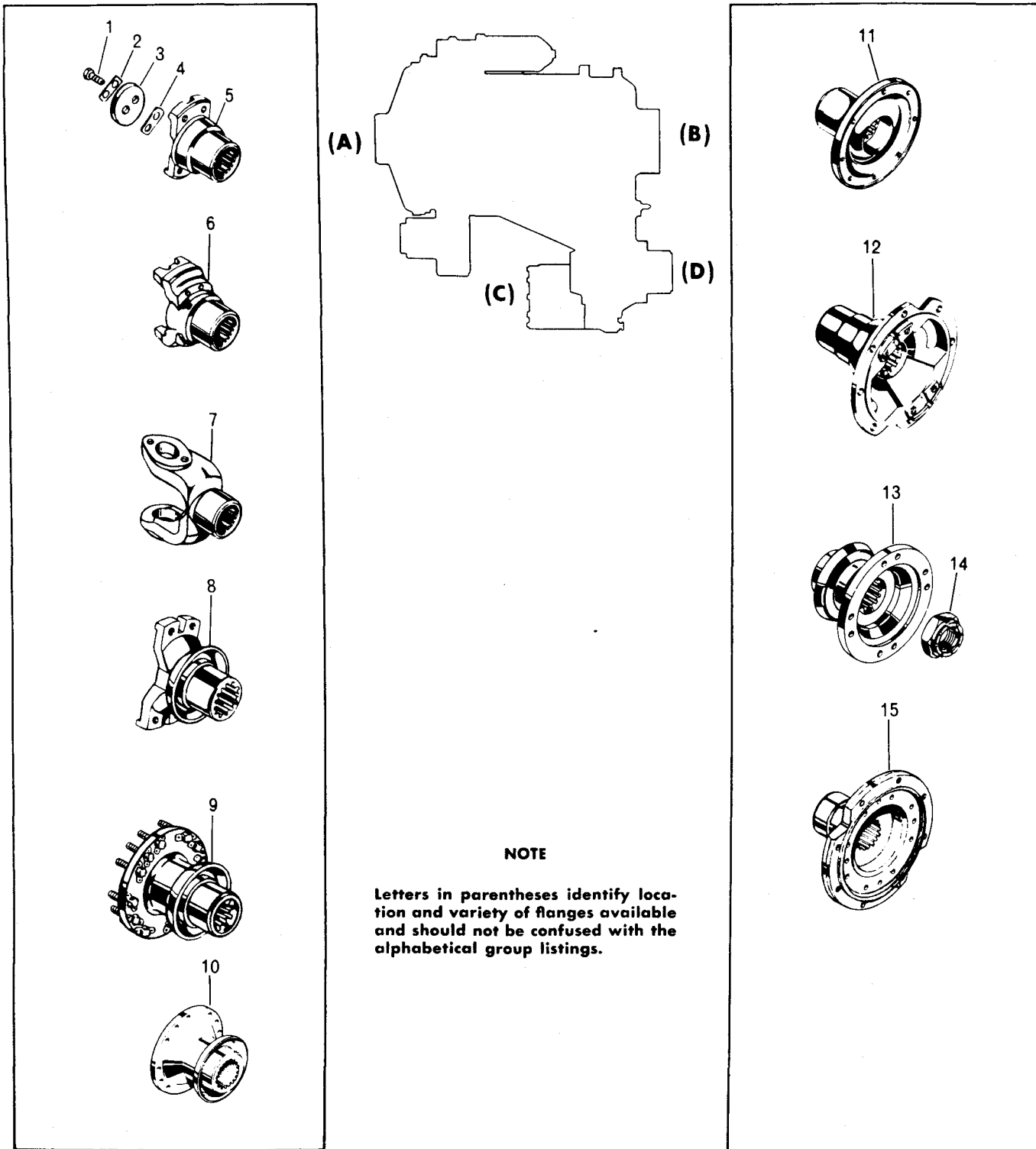


FIG 1 FLANGE

GROUP A

FLANGE, FIGURE 1

REF NO	NOMENCLATURE	PART NO	REQ
1	BOLT, 1/2-20 X 1 1/4	9409059	2
2	STRIP, LOCKING	6755269	1
3	WASHER, FLANGE RETAINING	6768324	1
4	SHIM, .025	6772140	AR
4	SHIM, .005	6772141	AR
5	FLANGE, INPUT M7C	6757603	1
6-15	NOT USED IN THIS GROUP.		

GROUP B

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5-7	NOT USED IN THIS GROUP.		
8	FLANGE, OUTPUT M9C	6757633	1
9-15	NOT USED IN THIS GROUP.		

GROUP C

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5-11	NOT USED IN THIS GROUP.		
12	FLANGE, OUTPUT M8C	6775916	1
13-15	NOT USED IN THIS GROUP.		

GROUP D

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5-7	NOT USED IN THIS GROUP.		
8	FLANGE, OUTPUT M9C	6769388	1
9-15	NOT USED IN THIS GROUP.		

GROUP E

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5-7	NOT USED IN THIS GROUP.		
8	FLANGE, OUTPUT M8C	6757572	1
9-15	NOT USED IN THIS GROUP.		

GROUP F

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5	NOT USED IN THIS GROUP.		
6	FLANGE, INPUT S-1650	6770787	1
7-15	NOT USED IN THIS GROUP.		

GROUP G

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
5-8	NOT USED IN THIS GROUP.		
9	FLANGE, CUTPUT S-1650	6770790	1
10-15	NOT USED IN THIS GROUP.		

GROUP H

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5-6	NOT USED IN THIS GROUP.		
7	FLANGE, INPUT S-1700	6773140	1
8-15	NOT USED IN THIS GROUP.		

GROUP J

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5-11	NOT USED IN THIS GROUP.		
12	FLANGE, CUTPUT M9C	6769940	1
13-15	NOT USED IN THIS GROUP.		

GROUP K

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	BOLT, 1/2-20 X 1 1/4	181429	2
4-10	NOT USED IN THIS GROUP.		
11	FLANGE, CUTPUT S-1700	6755670	1
12-15	NOT USED IN THIS GROUP.		

GROUP L

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	BOLT, 1/2-20 X 1 1/4	9409059	2
4-10	NOT USED IN THIS GROUP.		
11	FLANGE, CUTPUT S-1700	6755670	1
12-15	NOT USED IN THIS GROUP.		

GROUP M

FLANGE, FIGURE 1

1-12	NOT USED IN THIS GROUP.		
13	FLANGE, CUTPUT S-1850	6770847	1
14	NUT, SELF-LOCKING	6772182	1
15	NOT USED IN THIS GROUP.		

GROUP N

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
5-9	NOT USED IN THIS GROUP.		
10	FLANGE, OUTPUT S-1800	6768543	1
11-15	NOT USED IN THIS GROUP.		

GROUP P

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5	SUPPLIED BY ORIGINAL EQUIPMENT MANUFACTURER.
6-15	NOT USED IN THIS GROUP.

GROUP Q

FLANGE, FIGURE 1

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5-14	NOT USED IN THIS GROUP.		
15	FLANGE, S-1800	6769939	1

TRANSMISSION FRONT COVER AND CONVERTER 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
6757512	CRT 5630-2	A	6773143	CRT 5630-2	A
6759722	CRT 5630-2	A	6774341	CRT 5631-5	A
6759792	CRT 5630-5	A	6774584	CRT 5631-5	A
6759799	CRT 5630-5	A	6774764	CRT 5630	A
6759833	CRT 5630-2	A	6775255	CRT 5631-5	A
6759980	CRT 5630-5	A	6777145	CRT 5631-6	A
6770378	CRT 5630-2	A	6830853	CRT 5631-5	A
6772035	CRT 5631-5	A	6831364	CRT 5631-8	A
6772769	CRT 5630-5	A	6831857	CRT 5631-5	A
6773041	CRT 5630-5	A	6833363	CRT 5631-5	A

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

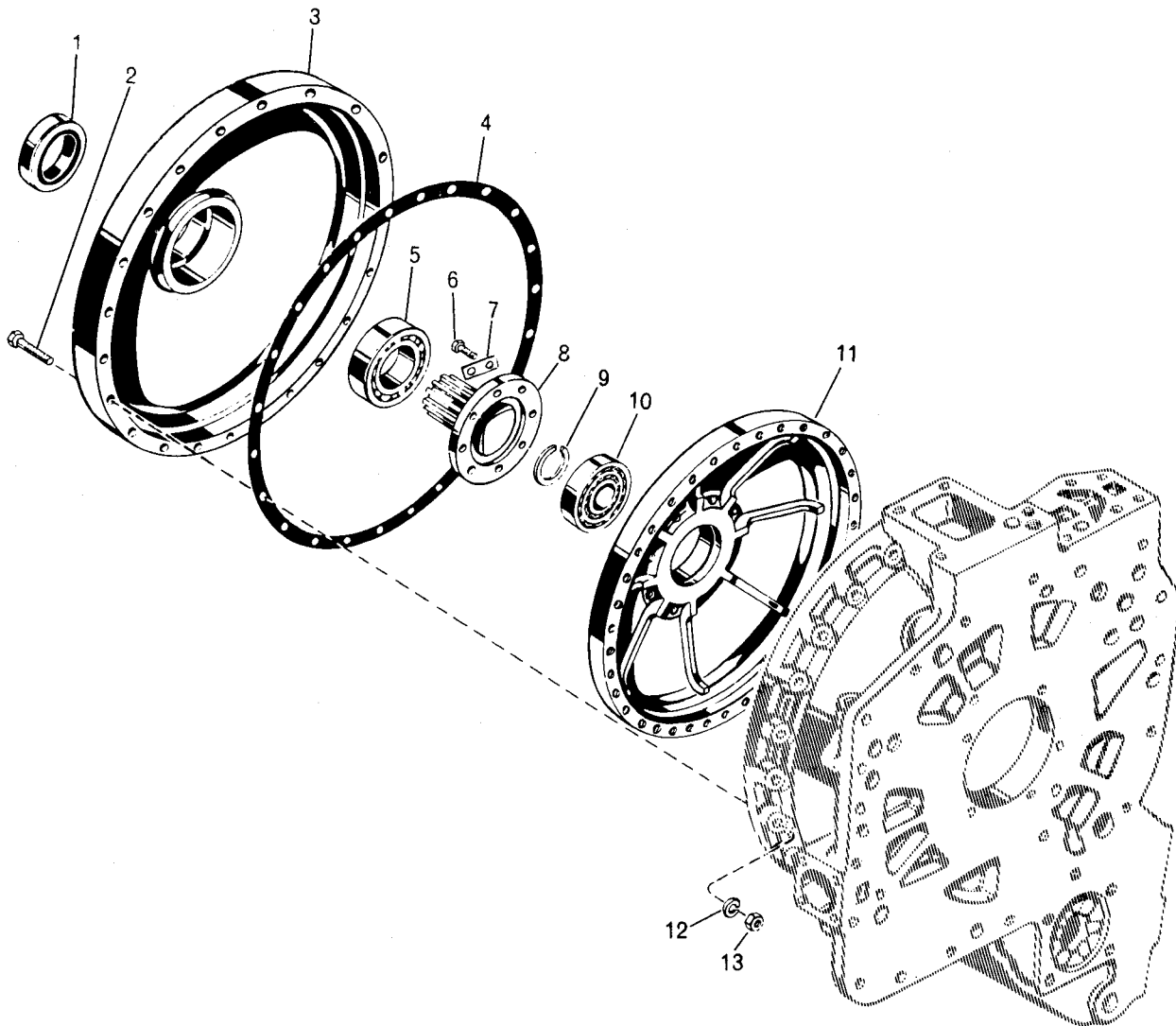


FIG 2 TRANSMISSION FRONT COVER AND CONVERTER DRIVE

GROUP A

TRANSMISSION FRONT COVER AND CONVERTER DRIVE, FIGURE 2

REF NO	NOMENCLATURE	PART NO	REQ
1	SEAL KIT, DUAL OIL, 3 ID COMPOSED OF SEAL . . . 6771231 AND INSTRUCTION SHEET 6772006. SEAL 6771231 AVAILABLE IN KIT 6772040 ONLY	6772040	1
2	BOLT, 7/16-20 X 3 1/2	181413	21
3	COVER, CONVERTER HOUSING FRONT	6757543	1
4	GASKET, CONVERTER HOUSING FRONT COVER	5181902	1
5	BEARING, SINGLE ROW BALL, NO 3212XRIA	903212	1
6	BOLT, 1/2-20 X 1 1/4	181429	8
7	STRIP, LOCKING	6756569	4
8	HUB, CONVERTER DRIVE HOUSING	6756560	1
9	RING, EXTERNAL SNAP	6751822	1
10	BEARING, ROLLER, FYATT A1309TS	127909	1
11	HOUSING, CONVERTER DRIVE	6769429	1
12	WASHER, LOCK, 7/16	103322	21
13	NUT, 7/16-20	271505	21

FLEX DISK AND FLYWHEEL 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
6758581	CRT 5530-3	A	6778360	CRT 5631-7	C
6759800	CRT 5630-3	B	6778365	CRT 5631-7	A
6759808	CRT 5630-6	B	6778591	CRT 5631-7	A
6769778	CRT 5630-6	B	6779117	CRT 5631-6	A
6769926	CRT 5630-6	B	6779118	CRT 5631-6	A
6770280	CRT 5630-3	B	6779240	CRT 5631-6	C
6770604	CRT 5630-7	A	6779471	CRT 5631-6	C
6770680	CRT 5630-6	A	6830744	CRT 5631-7	C
6770695	CRT 5630-6	B	6830848	CRT 5631-6	A
6770992	CRT 5630-6	B	6830849	CRT 5631-6	C
6771642	CRT 5630-3	A	6830852	CRT 5631-6	A
6771643	CRT 5630-6	B	6830854	CRT 5631-6	A
6771644	CRT 5630-6	B	6830855	CRT 5631-7	B
6771691	CRT 5630-6	B	6830881	CRT 5631-7	C
6772706	CRT 5631-6	C	6831043	CRT 5631-6	A
6772820	CRT 5630-6	A	6831858	CRT 5631-6	C
6772821	CRT 5630-6	A	6832011	CRT 5631-6	K
6772878	CRT 5630-7	C	6832155	CRT 5631-6	A
6773306	CRT 5631-6	B	6832401	CRT 5631-6	K
6773915	CRT 5631-6	A	6832411	CRT 5631-6	G
6774016	CRT 5631-7	A	6832788	CRT 5631-6	A
6774088	CRT 5631-7	C	6832795	CRT 5631-6	K
6774147	CRT 5630-6	A	6832865	CRT 5631-6	L
6774148	CRT 5631-6	C	6832916	CRT 5631-7	A
6774498	CRT 5631-6	H	6832917	CRT 5631-6	C
6774524	CRT 5631-7	E	6832924	CRT 5631-7	L
6774639	CRT 5631-6	A	6832980	CRT 5631-6	H
6774640	CRT 5631-6	A	6833130	CRT 5631-6	L
6774665	CRT 5631-8	C	6833131	CRT 5631-6	A
6774692	CRT 5631-6	F	6833188	CRT 5631-7	L
6774859	CRT 5631-6	A	6833367	CRT 5631-7	L
6774860	CRT 5631-6	A	6833420	CRT 5631-6	A
6775242	CRT 5631-7	G	6833441	CRT 5631-6	G
6775459	CRT 5631-6	A	6833590	CRT 5631-7	A
6775835	CRT 5631-6	C	6833591	CRT 5631-7	L
6775889	CRT 5631-3	A	6833865	CRT 5631-7	L
6775956	CRT 5631-6	H	6834186	CRT 5631-6	L
6775957	CRT 5631-6	A	6834336	CRT 5631-6	L
6775958	CRT 5631-6	A	6834337	CRT 5631-6	L
6776471	CRT 5631-6	C	6834396	CRT 5631-6	M
6776869	CRT 5631-6	H	6834718	CRT 5631-6	N
6776870	CRT 5631-6	C	6834821	CRT 5631-6	A
6777050	CRT 5631-7	C	6834858	CRT 5631-6	L
6777111	CRT 5631-7	B	6835517	CRT 5631-6	L
6777533	CRT 5631-6	C	6835988	CRT 5631-6	P
6778182	CRT 5631-6	J	6836043	CRT 5631-7	L

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

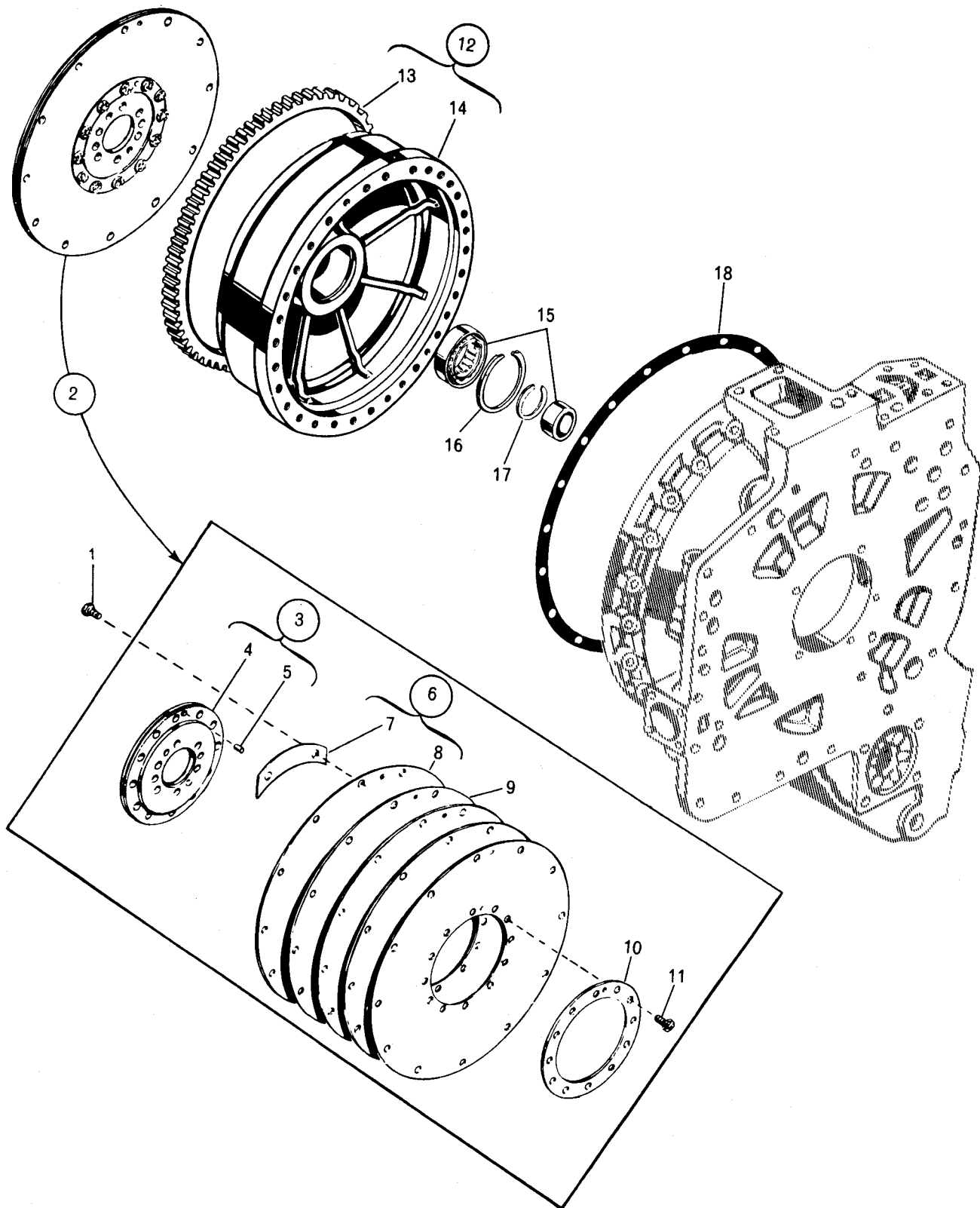


FIG 3 FLEX DISK AND FLYWHEEL

GROUP A

FLEX DISK AND FLYWHEEL, FIGURE 3

REF NO	NOMENCLATURE	PART NO	REQ
1	BOLT, HEX HD, SELF-LOCKING, 1/2-20 X 1	9409058	12
2-11	NOT USED IN THIS GROUP.		
12	FLYWHEEL ASSY, TRANSMISSION ENGINE MOUNTED . . .	6768926	1
13	GEAR, FLYWHEEL RING	6752502	1
14	FLYWHEEL	6768918	1
15	BEARING, ROLLER, HYATT A1309TS	127909	1
16	RING, INTERNAL SNAP	6774184	1
17	RING, EXTERNAL SNAP	6751822	1
18	GASKET, CONVERTER HOUSING	5181902	1

GROUP B

FLEX DISK AND FLYWHEEL, FIGURE 3

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

12	FLYWHEEL ASSY, TRANSMISSION ENGINE MOUNTED . . .	6768928	1
13	GEAR, FLYWHEEL RING	6751948	1

GROUP C

FLEX DISK AND FLYWHEEL, FIGURE 3

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

2	DISK ASSY, FLX FLYWHEEL	6750517	1
3	HUB ASSY, FLX FLYWHEEL	6769418	1
4	PLATE, FLX FLYWHEEL	6750467 *	1
5	PIN, COWEL	456876	1
6	DISK AND WASHER ASSY, FLX FLYWHEEL	6751516	1
7	WASHER, FLX FLYWHEEL DISK	6751518 *	6
8	DISK, FLX FLYWHEEL	6750468 *	1
9	DISK, FLX FLYWHEEL	6750468	4
10	PLATE, FLX FLYWHEEL	6753364	1
11	BOLT, HEX HD, 1/2-20 X 3/4	9409056	12
12	FLYWHEEL ASSY, TRANSMISSION ENGINE MOUNTED . . .	6768925	1
13	GEAR, FLYWHEEL RING	5184773	1
14	FLYWHEEL	6768924	1

GROUP D

FLEX DISK AND FLYWHEEL, FIGURE 3

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

2-13	NOT USED IN THIS GROUP.		
14	FLYWHEEL	6775333	1

GROUP E

FLEX DISK AND FLYWHEEL, FIGURE 3

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

12	FLYWHEEL ASSY, TRANSMISSION ENGINE MOUNTED . . .	6773507	1
13	GEAR, FLYWHEEL RING	6773504	1
14	FLYWHEEL	6769997	1

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP F

FLEX DISK AND FLYWHEEL, FIGURE 3

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
2	DISK ASSY, FLEXIBLE FLYWHEEL	6769277	1
3	HUB ASSY, FLEXIBLE FLYWHEEL	6769286	1
4	HUB, FLEXIBLE FLYWHEEL	6770761 *	1
5	PIN, COWEL	456876	1
6	DISK AND WASHER ASSY, FLX FLYWHEEL	6751516	1
7	WASHER, FLX FLYWHEEL DISK	6751518 *	6
8	DISK, FLX FLYWHEEL	6750468 *	1
9	DISK, FLX FLYWHEEL	6750468	4
10	PLATE, FLX FLYWHEEL	6753364	1
11	BOLT, FX FC, 1/2-20 X 3/4	9409056	12
12	FLYWHEEL ASSY, TRANSMISSION ENGINE MOUNTED . . .	6768928	1
13	GEAR, FLYWHEEL RING	6751948	1
14	FLYWHEEL	6768918	1

GROUP G

FLEX DISK AND FLYWHEEL, FIGURE 3

1	BOLT, 1/2-20 X 1	9409058	12
2-5	NOT USED IN THIS GROUP.		
6	DISK AND WASHER, FLX FLYWHEEL	6751516	1
7	WASHER, FLX FLYWHEEL DISK	6751518 *	6
8	DISK, FLX FLYWHEEL	6750468 *	1
9	DISK, FLX FLYWHEEL	6750468	4
10	PLATE, FLX FLYWHEEL	6753364	1
11	BOLT, FX HC, 1/2-20 X 1	9409058	12
12	FLYWHEEL ASSY, TRANSMISSION ENGINE MOUNTED . . .	6773507	1
13	GEAR, FLYWHEEL RING	6773504	1
14	FLYWHEEL	6769997	1
15	BEARING, ROLLER, HYATT A1309TS	127909	1
16	RING, INTERNAL SNAP	6774184	1
17	RING, EXTERNAL SNAP	6751822	1
18	GASKET, CONVERTER HOUSING	5181902	1

GROUP H

FLEX DISK AND FLYWHEEL, FIGURE 3

SAME AS GROUP G, EXCEPT FOR PARTS LISTED BELOW.

2	DISK ASSY, FLX FLYWHEEL	6756436	1
3	HUB ASSY, FLX FLYWHEEL	6769417	1
4	HUB, FLX FLYWHEEL	6756326 *	1
5	PIN, COWEL	456876	1
12	FLYWHEEL ASSY, TRANSMISSION ENGINE MOUNTED . . .	6773577	1
13	GEAR, FLYWHEEL RING	5166664	1
14	FLYWHEEL	6768924	1

GROUP J

FLEX DISK AND FLYWHEEL, FIGURE 3

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

2	DISK ASSY, FLX FLYWHEEL	6769277	1
3	HUB ASSY, FLX FLYWHEEL	6769286	1

CONTINUED ON NEXT PAGE

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP J CONT

FLEX DISK AND FLYWHEEL, FIGURE 3

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NC	NOMENCLATURE	PART NO	REQ
4	HUB, FLX FLYWHEEL	6770761 *	1
5	PIN, CCWEL	456876	1
6	DISK AND WASHER, FLX FLYWHEEL	6751516	1
7	WASHER, FLX FLYWHEEL DISK	6751518 *	1
8	DISK, FLX FLYWHEEL	6750468 *	1
9	DISK, FLX FLYWHEEL	6750468	4
10	PLATE, FLX FLYWHEEL	6753364	1
11	BOLT, HX FC, 1/2-20 X 1	9409058	12

GROUP K

FLEX DISK AND FLYWHEEL, FIGURE 3

SAME AS GROUP G, EXCEPT FOR PARTS LISTED BELOW.

11	BOLT, HX HD, 1/2-20 X 3/4	9409056	12
12-13	NOT USED IN THIS GROUP.		
14	FLYWHEEL	6768916	1

GROUP L

FLEX DISK AND FLYWHEEL, FIGURE 3

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

2	DISK ASSY, FLX FLYWHEEL	6750517	1
3	HUB ASSY, FLX FLYWHEEL	6769418	1
4	HUB, FLX FLYWHEEL	6750467 *	1
5	PIN, CCWEL	456876	1
6	DISK AND WASHER ASSY, FLX FLYWHEEL	6751516	1
7	WASHER, FLX FLYWHEEL DISK	6751518 *	6
8	DISK, FLX FLYWHEEL	6750468 *	1
9	DISK, FLX FLYWHEEL	6750468	4
10	PLATE, FLX FLYWHEEL	6753364	1
11	BOLT, HX FC, 1/2-20 X 3/4	9409056	12
12	FLYWHEEL ASSY, TRANSMISSION ENGINE MOUNTED	6773577	1
13	GEAR, FLYWHEEL RING	5166664	1
14	FLYWHEEL	6768924	1

GROUP M

FLEX DISK AND FLYWHEEL, FIGURE 3

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

2-5	NOT USED IN THIS GROUP.		
6	DISK AND WASHER ASSY, FLX FLYWHEEL	6768382	1
7	WASHER, FLX FLYWHEEL DISK	6751518 *	6
8	DISK, FLX FLYWHEEL	6768381 *	1
9	DISK, FLX FLYWHEEL	6768381	4
10	PLATE, FLX FLYWHEEL	6768383	1
11	BOLT, HX HD, SELF-LOCKING, 1/2-20 X 1	9409058	12
12	FLYWHEEL ASSY, TRANSMISSION ENGINE MOUNTED	6768935	1
13	GEAR, FLYWHEEL RING	6768359	1
14	FLYWHEEL	6769816	1

TEC BELCH.

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP N

FLEX DISK AND FLYWHEEL, FIGURE 3

SAME AS GROUP A, EXCEPT FOR PARTS LISTED

REF NO	NOMENCLATURE	PART NO	REQ
1	BOLT, FX HD, SELF-LOCKING, 1/2-20 X 3/4	9409056	12
12	FLYWHEEL ASSY, TRANSMISSION ENGINE MOUNTED . . .	6773577	1
13	GEAR, STARTING RING	5166664	1
14	FLYWHEEL	6768924	1

GROUP P

FLEX DISK AND FLYWHEEL, FIGURE 3

SAME AS GROUP G, EXCEPT FOR PARTS LISTED BELOW.

11	BOLT, FX HD, 1/2-20 X 1	9409058	12
12-13	NCT USED IN THIS GROUP		
14	FLYWHEEL	6768916	1

TORQUE CONVERTER 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
6757512	CRT 5630-2	C	6775459	CRT 5631-6	B
6758981	CRT 5530-3	A	6775835	CRT 5631-6	E
6755722	CRT 5630-2	C	6775889	CRT 5631-3	E
6755792	CRT 5630-5	A	6775956	CRT 5631-6	F
6759799	CRT 5630-5	A	6775957	CRT 5631-6	E
6755800	CRT 5630-3	A	6775958	CRT 5631-6	H
6755808	CRT 5630-6	A	6776471	CRT 5631-6	J
6755833	CRT 5630-2	C	6776869	CRT 5631-6	F
6755980	CRT 5630-5	A	6776870	CRT 5631-6	E
6769778	CRT 5630-6	D	6777050	CRT 5631-7	K
6765926	CRT 5630-6	A	6777111	CRT 5631-7	E
6770280	CRT 5630-3	D	6777145	CRT 5631-6	H
6770378	CRT 5630-2	C	6777533	CRT 5631-6	H
6770604	CRT 5630-7	A	6778182	CRT 5631-6	B
6770680	CRT 5630-6	A	6778360	CRT 5631-7	G
6770695	CRT 5630-6	A	6778365	CRT 5631-7	D
6770992	CRT 5630-6	D	6778591	CRT 5631-7	E
6771642	CRT 5630-3	A	6779117	CRT 5631-6	B
6771643	CRT 5630-6	D	6779118	CRT 5631-6	E
6771644	CRT 5630-6	A	6779240	CRT 5631-6	B
6771691	CRT 5630-6	A	6779471	CRT 5631-6	E
6772035	CRT 5631-5	B	6830744	CRT 5631-7	E
6772706	CRT 5631-6	B	6830848	CRT 5631-6	M
6772769	CRT 5630-5	A	6830849	CRT 5631-6	M
6772820	CRT 5630-6	A	6830852	CRT 5631-6	L
6772821	CRT 5630-6	D	6830853	CRT 5631-5	L
6772878	CRT 5630-7	D	6830854	CRT 5631-6	N
6773041	CRT 5630-5	A	6830855	CRT 5631-7	L
6773143	CRT 5630-2	C	6830881	CRT 5631-7	D
6773306	CRT 5631-6	B	6831043	CRT 5631-6	D
6773915	CRT 5631-6	E	6831364	CRT 5631-8	E
6774016	CRT 5631-7	E	6831857	CRT 5631-5	L
6774088	CRT 5631-7	E	6831858	CRT 5631-6	M
** 6774088	CRT 5631-7	E	6832011	CRT 5631-6	B
***6774088	CRT 5631-7	H	6832155	CRT 5631-6	H
6774147	CRT 5630-6	D	6832401	CRT 5631-7	P
6774148	CRT 5631-6	E	6832411	CRT 5631-6	L
6774341	CRT 5631-5	E	6832788	CRT 5631-5	Q
6774498	CRT 5631-6	F	6832795	CRT 5631-6	R
6774524	CRT 5631-7	E	6832865	CRT 5631-6	L
6774584	CRT 5631-5	E	6832916	CRT 5631-7	M
6774639	CRT 5631-6	A	6832917	CRT 5631-6	L
6774640	CRT 5631-6	D	6832924	CRT 5631-7	P
6774665	CRT 5631-8	F	6832980	CRT 5631-6	R
6774692	CRT 5631-6	G	6833130	CRT 5631-6	R
6774764	CRT 5630	C	6833131	CRT 5631-6	N
6774859	CRT 5631-6	E	6833188	CRT 5631-7	S
6774860	CRT 5631-6	H	6833363	CRT 5631-5	N
6775242	CRT 5631-7	B	6833367	CRT 5631-7	M
6775295	CRT 5631-5	E	6833420	CRT 5631-6	N

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

** USED ON S/N 26405 ONLY.

***USED ON S/N 28012, 28136 ONLY.

TORQUE CONVERTER 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
6833441	CRT 5631-6	L	6834396	CRT 5631-6	N
6833590	CRT 5631-7	L	6834718	CRT 5631-6	Q
6833591	CRT 5631-7	Q	6834821	CRT 5631-6	M
6833865	CRT 5631-7	M	6834898	CRT 5631-6	M
6834186	CRT 5631-6	N	6835517	CRT 5631-6	L
6834336	CRT 5631-6	L	6835588	CRT 5631-6	N
6834337	CRT 5631-6	Q	6836043	CRT 5631-7	L

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

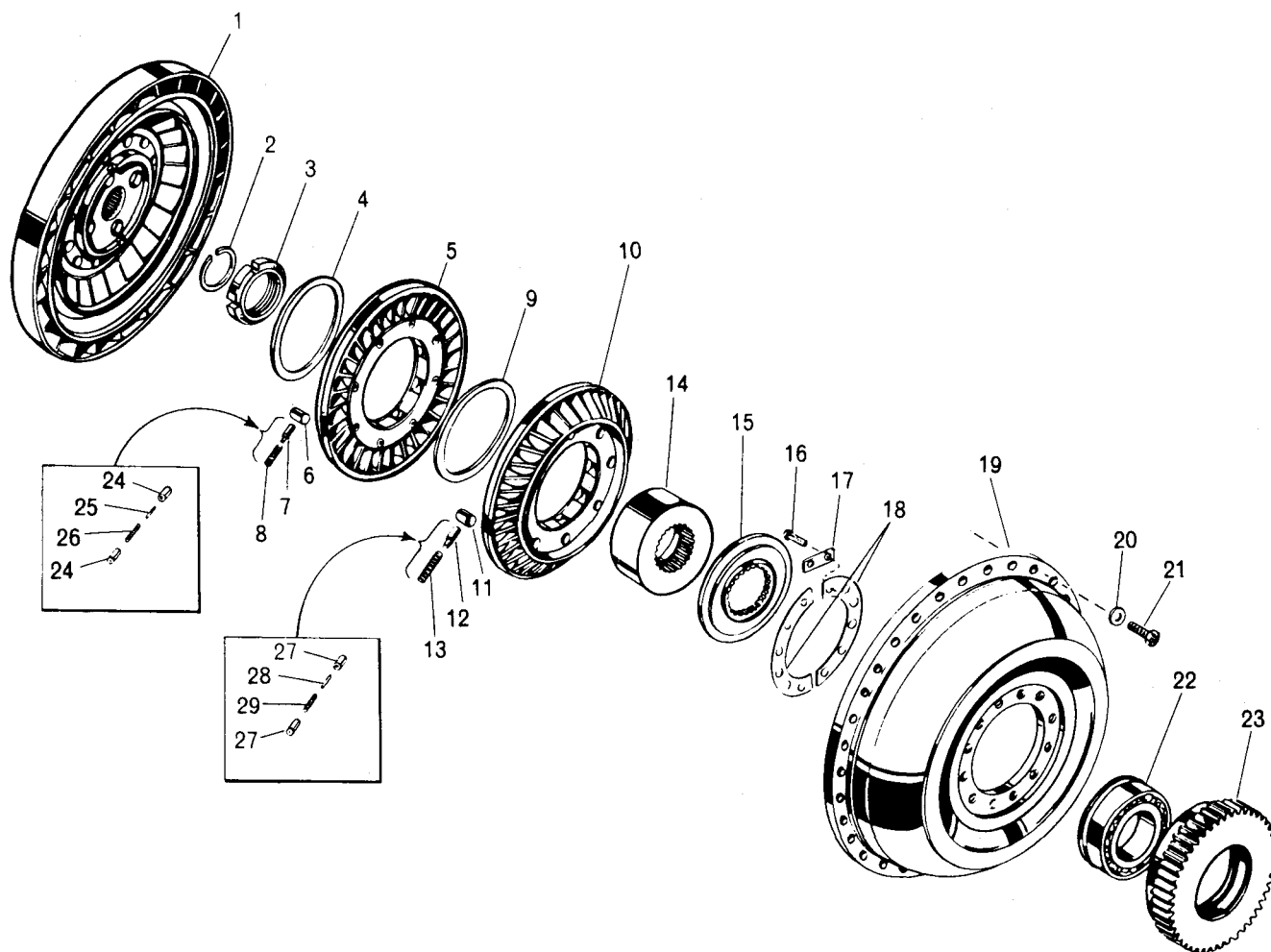


FIG 4 TORQUE CONVERTER

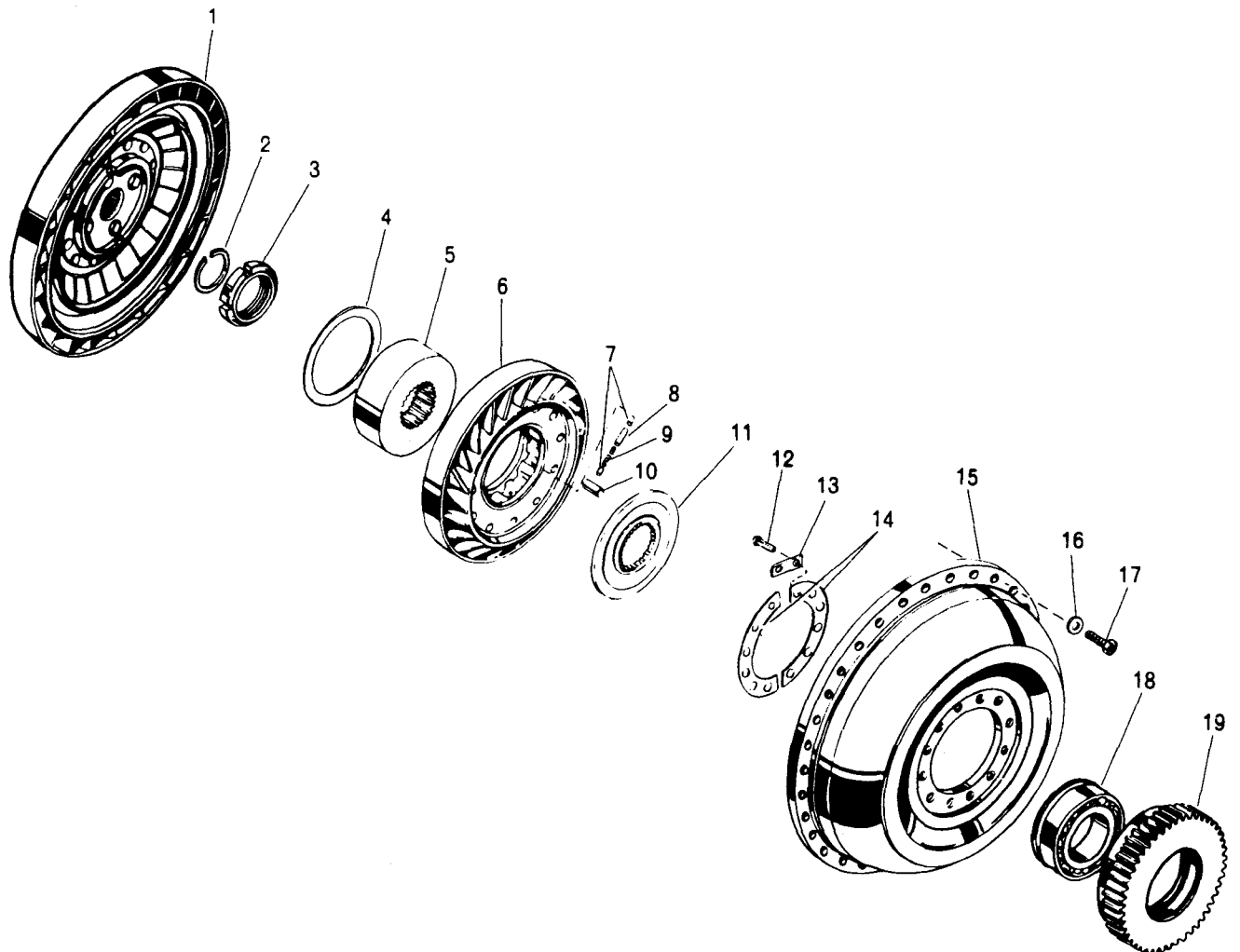


FIG 4-1 TORQUE CONVERTER

GROUP A

TORQUE CONVERTER, FIGURE 4

REF NO	NOMENCLATURE	PART NO	REQ
1	TURBINE	6831803	1
2	RING, EXTERNAL SNAP	6703059	1
3	NUT, LOCK	6756322	1
4	WASHER, THRUST	6758485	1
5	STATOR, FIRST 8 POCKET STATOR CAM	6768832	1
6	ROLLER, STATOR FREEWHEEL	6769607	8
7	PIN	6754710	8
8	SPRING, .0217-.0223 DIA WIRE, .230 OD, 33	6769469	8
	TOTAL COILS		
9	WASHER, TURBINE THRUST	6758485	1
10	STATOR, SECCNC 8 POCKET STATOR CAM	6768833	1
11	ROLLER, STATOR FREEWHEEL	6769607	8
12	PIN	6754710	8
13	SPRING, .0217-.0223 DIA WIRE, .230 OD, 33	6769469	8
	TOTAL COILS		
14	RACE, FREEWHEEL ROLLER	6756319	1
15	PLATE, STATOR BACKING	6759855	1
16	BOLT, 3/8-24 X 1 1/8	181365	12
17	STRIP, LOCKING	6756570	6
18	RETAINER, CONVERTER PUMP	6756574	2
19	PUMP, TORQUE CONVERTER TC 550 PERFORMANCE	6777776	1
20	WASHER, .625 OD X .406 ID X .031 THK	6830003	36
21	BOLT, 3/8-24 X 1 1/4	9409037	36
22	BEARING, DOUBLE ROW, ND 45214WCS1241A	907272	1
23	GEAR, ACCESSORY DRIVE INPUT	6756554	1
24-29	NOT USED IN THIS GROUP.		

GROUP B

TORQUE CONVERTER, FIGURE 4

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5	STATOR, FIRST 12 POCKET STATOR CAM FOR	6769272	1
	TRANSMISSIONS THAT USE 8-POCKET STATOR CAMS		
	PRICE TO S/N 26660 SEE SPI 527.		
6	ROLLER, STATOR FREEWHEEL	6769607	12
7-8	NOT USED IN THIS GROUP.		
10	STATOR, SECCNC 12 POCKET STATOR CAM FOR	6769288	1
	TRANSMISSIONS THAT USE 8-POCKET STATOR CAMS		
	PRICE TO S/N 26660 SEE SPI 527.		
11	ROLLER, STATOR FREEWHEEL	6769607	12
12-13	NOT USED IN THIS GROUP.		
19	PUMP, TORQUE CONVERTER TC 530 PERFORMANCE	6777778	1
24	CUP, SPRING	6773088	24
25	ROLLER, NEEDLE	6770302	12
26	SPRING, .0177-.0183 DIA WIRE, .156 OD, 44	6778184	12
	TOTAL COILS OLD SPRING 6769966 AND NEW		
	SPRING 6778184 MUST NOT BE INTERMIXED.		
	SEE SPI 606		
27	CUP, SPRING	6773088	24
28	ROLLER, NEEDLE	6770302	12
29	SPRING, .0177-.0183 DIA WIRE, .156 OD, 44	6778184	12
	TOTAL COILS OLD SPRING 6769966 AND NEW		
	SPRING 6778184 MUST NOT BE INTERMIXED.		
	SEE SPI 606		

GROUP C

TORQUE CONVERTER, FIGURE 4

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
19	PUMP, TORQUE CONVERTER TC 580 PERFORMANCE . . .	6777777	1

GROUP D

TORQUE CONVERTER, FIGURE 4

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

19	PUMP, TORQUE CONVERTER TC 570 PERFORMANCE . . .	6777775	1
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GROUP E

TORQUE CONVERTER, FIGURE 4

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5	STATOR, FIRST 12 POCKET STATOR CAM FOR TRANSMISSION THAT USE 8 POCKET STATOR CAMS PRIOR TO S/N 26660 SEE SPI 527.	6769272	1
6	ROLLER, STATOR FREEWHEEL	6769607	12
7-8	NOT USED IN THIS GROUP.		
10	STATOR, SECOND 12 POCKET STATOR CAM FOR TRANSMISSION THAT USE 8-POCKET STATOR CAMS PRIOR TO S/N 26660 SEE SPI 527.	6769288	1
11	ROLLER, STATOR FREEWHEEL	6769607	12
12-13	NOT USED IN THIS GROUP		
19	PUMP, TORQUE CONVERTER TC 550 PERFORMANCE . . .	6777776	1
24	CUP, SPRING	6773088	24
25	ROLLER, NEEDLE	6770302	12
26	SPRING, .0177-.0183 CIA WIRE, .156 OD, 44 TOTAL COILS OLD SPRING 6769966 AND NEW SPRING 6778184 MUST NOT BE INTERMIXED. SEE SPI 606	6778184	12
27	CUP, SPRING	6773088	24
28	ROLLER, NEEDLE	6770302	12
29	SPRING, .0177-.0183 CIA WIRE, .156 OD, 44 TOTAL COILS OLD SPRING 6769966 AND NEW SPRING 6778184 MUST NOT BE INTERMIXED. SEE SPI 606	6778184	12

GROUP F

TORQUE CONVERTER, FIGURE 4

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5	STATOR, FIRST 12 POCKET STATOR CAM FOR TRANSMISSION THAT USE 8-POCKET STATOR CAMS PRIOR TO S/N 26660 SEE SPI 527.	6769272	1
6	ROLLER, STATOR FREEWHEEL	6769607	12
7-8	NOT USED IN THIS GROUP.		
10	STATOR, SECOND 12 POCKET STATOR CAM FOR TRANSMISSION THAT USE 8-POCKET STATOR CAMS PRIOR TO S/N 26660 SEE SPI 527.	6769288	1
11	ROLLER, STATOR FREEWHEEL	6769607	12
12-13	NOT USED IN THIS GROUP.		

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GROUP F CONT

TORQUE CONVERTER, FIGURE 4

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NC	NOMENCLATURE	PART NO	REQ
19	PUMP, TORQUE CONVERTER TC 580 PERFORMANCE . . .	6777777	1
24	CUP, SPRING	6773088	24
25	ROLLER, NEEDLE	6770302	12
26	SPRING, .0177-.0183 DIA WIRE, .156 OD, 44	6778184	12
	TOTAL COILS. OLD SPRING 6769966 AND NEW SPRING 6778184 MUST NOT BE INTERMIXED. SEE SPI 606		
27	CUP, SPRING	6773088	24
28	ROLLER, NEEDLE	6770302	12
29	SPRING, .0177-.0183 DIA WIRE, .156 OD, 44	6778184	12
	TOTAL COILS OLD SPRING 6769966 AND NEW SPRING 6778184 MUST NOT BE INTERMIXED. SEE SPI 606.		

GROUP G

TORQUE CONVERTER, FIGURE 4

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5	STATOR, FIRST 12-POCKET STATOR CAM	6759903	1
6	ROLLER, STATOR FREEWHEEL	6769607	12
7-8	NOT USED IN THIS GROUP		
10	STATOR, SECOND 12 POCKET STATOR CAM FOR TRANSMISSION THAT USE 8-POCKET STATOR CAMS PRIOR TO S/N 26660 SEE SPI 527.	6769288	1
11	ROLLER, STATOR FREEWHEEL	6769607	12
12-13	NOT USED IN THIS GROUP		
19	PUMP, TORQUE CONVERTER TC 540 PERFORMANCE . . .	6777776	1
24	CUP, SPRING	6773088	24
25	ROLLER, NEEDLE	6770302	12
26	SPRING, .0177-.0183 DIA WIRE, .156 OD, 44	6778184	12
	TOTAL OLD SPRING 6769966 AND NEW SPRING 6778184 MUST NOT BE INTERMIXED. SEE SPI 606		
27	CUP, SPRING	6773088	24
28	ROLLER, NEEDLE	6770302	12
29	SPRING, .0177-.0183 DIA WIRE, .156 OD, 44	6778184	12
	TOTAL COILS OLD SPRING 6769966 AND NEW SPRING 6778184 MUST NOT BE INTERMIXED. SEE SPI 606		

GROUP H

TORQUE CONVERTER, FIGURE 4

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5	STATOR, FIRST 12 POCKET STATOR CAM FOR TRANSMISSION THAT USE 8-POCKET STATOR CAMS PRIOR TO S/N 26660 SEE SPI 527.	6769272	1
6	ROLLER, STATOR FREEWHEEL	6769607	12
7-8	NOT USED IN THIS GROUP		
10	STATOR, SECOND 12 POCKET STATOR CAM FOR TRANSMISSION THAT USE 8-POCKET STATOR CAMS PRIOR TO S/N 26660 SEE SPI 527.	6769288	1
11	ROLLER, STATOR FREEWHEEL	6769607	12

CONTINUED ON NEXT PAGE

GROUP H CONT

TORQUE CONVERTER, FIGURE 4

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
12-13	NOT USED IN THIS GROUP		
19	PUMP, TORQUE CONVERTER TC 570 PERFORMANCE . . .	6777775	1
24	CUP, SPRING	6773088	24
25	ROLLER, NEEDLE	6770302	12
26	SPRING, .0177-.0183 DIA WIRE, .156 OD, 44	6778184	12
	TOTAL COILS OLD SPRING 6769966 AND NEW SPRING 6778184 MUST NOT BE INTERMIXED. SEE SPI 606		
27	CUP, SPRING	6773088	24
28	ROLLER, NEEDLE	6770302	12
29	SPRING, .0177-.0183 DIA WIRE, .156 OD, 44	6778184	12
	TOTAL COILS OLD SPRING 6769966 AND NEW SPRING 6778184 MUST NOT BE INTERMIXED. SEE SPI 606		

GROUP J

TORQUE CONVERTER, FIGURE 4

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5	STATOR, FIRST 12-POCKET STATOR CAM	6759903	1
6	ROLLER, STATOR FREEWHEEL	6769607	12
7-8	NOT USED IN THIS GROUP.		
10	STATOR, SECOND 12-POCKET STATOR CAM FOR TRANSMISSION THAT USE 8-POCKET STATOR CAMS PRIOR TO S/N 26660 SEE SPI 527.	6769288	1
11	ROLLER, STATOR FREEWHEEL	6769607	12
12-13	NOT USED IN THIS GROUP.		
19	PUMP, TORQUE CONVERTER TC 560 PERFORMANCE . . .	6777775	1
24	CUP, SPRING	6773088	24
25	ROLLER, NEEDLE	6770302	12
26	SPRING, .0177-.0183 DIA WIRE, .156 OD, 44	6778184	12
	TOTAL COILS OLD SPRING 6769966 AND NEW SPRING 6778184 MUST NOT BE INTERMIXED. SEE SPI 606		
27	CUP, SPRING	6773088	24
28	ROLLER, NEEDLE	6770302	12
29	SPRING, .0177-.0183 DIA WIRE, .156 OD, 44	6778184	12
	TOTAL COILS OLD SPRING 6769966 AND NEW SPRING 6778184 MUST NOT BE INTERMIXED. SEE SPI 606		

GROUP K

TORQUE CONVERTER, FIGURE 4

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5	STATOR, FIRST 12-POCKET STATOR CAM FOR TRANSMISSIONS THAT USE 8-POCKET STATOR CAMS PRIOR TO S/N 26660 SEE SPI 527.	6769272	1
6	ROLLER, STATOR FREEWHEEL	6769607	12
7-8	NOT USED IN THIS GROUP.		
10	STATOR, SECOND 12-POCKET STATOR CAM FOR TRANSMISSIONS THAT USE 8-POCKET STATOR CAMS PRIOR TO S/N 26660 SEE SPI 527.	6769288	1

CONTINUED ON NEXT PAGE

GROUP K CONT

TORQUE CONVERTER, FIGURE 4

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NC	NOMENCLATURE	PART NO	REQ
11	ROLLER, STATOR FREEWHEEL	6769607	12
12-13	NOT USED IN THIS GROUP.		
19	PUMP, TORQUE CONVERTER TC 590 PERFORMANCE . . .	6777779	1
24	CUP, SPRING	6773088	24
25	ROLLER, NEEDLE	6770302	12
26	SPRING, .0177-.0183 DIA WIRE, .156 OD, 44	6778184	12
	TOTAL COILS OLC SPRING 6769566 AND NEW SPRING 6778184 MUST NOT BE INTERMIXED. SEE SPI 606		
27	CUP, SPRING	6773088	24
28	ROLLER, NEEDLE	6770302	12
29	SPRING, .0177-.0183 DIA WIRE, .156 OD, 44	6778184	12
	TOTAL COILS OLC SPRING 6769566 AND NEW SPRING 6778184 MUST NOT BE INTERMIXED. SEE SPI 606		

GROUP L

TORQUE CONVERTER, FIGURE 4-1

1	TURBINE	6831803	1
2	RING, EXTERNAL SNAP	6703059	1
3	NUT, LOCK	6756322	1
4	WASHER, THRUST	6758485	1
5	RACE, FREEWHEEL ROLLER	6756319	1
6	STATOR	6778393	1
7	CUP	6773088	24
8	ROLLER, NEEDLE	6770302	12
9	SPRING, .0177-.0183 DIA WIRE, .156 OD	6769276	12
	43 TOTAL COILS		
10	ROLLER, STATOR FREEWHEEL	6770574	12
11	PLATE, STATOR BACKING	6759855	1
12	BOLT, 3/8-24 X 1 1/2	181365	12
13	STRIP, LOCKING	6756570	6
14	RETAINER, CONVERTER PUMP	6756574	2
15	PUMP, TORQUE CONVERTER TC 550 PERFORMANCE . . .	6777776	1
16	WASHER, .625 OD X .406 ID X .031 THK	6830003	36
17	BOLT, 3/8-24 X 1 1/4	9409037	36
18	BEARING, DOUBLE ROW, ND 45214WCS1241A	907272	1
19	GEAR, ACCESSORY DRIVE INPUT	6756554	1

GROUP M

TORQUE CONVERTER, FIGURE 4-1

SAME AS GROUP L, EXCEPT FOR PARTS LISTED BELOW.

15	PUMP, TORQUE CONVERTER TC 570 PERFORMANCE . . .	6777775	1
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GROUP N

TORQUE CONVERTER, FIGURE 4-1

SAME AS GROUP L, EXCEPT FOR PARTS LISTED BELOW.

REF NC	NOMENCLATURE	PART NO	REQ
15	PUMP, TORQUE CONVERTER TC 530 PERFORMANCE . . .	6777778	1

GROUP P

TORQUE CONVERTER, FIGURE 4-1

SAME AS GROUP L, EXCEPT FOR PARTS LISTED BELOW.

15	PUMP, TORQUE CONVERTER TC 590 PERFORMANCE . . .	6777779	1
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GROUP Q

TORQUE CONVERTER, FIGURE 4-1

SAME AS GROUP L, EXCEPT FOR PARTS LISTED BELOW.

6	STATOR	6777223	1
15	PUMP, TORQUE CONVERTER TC 570 PERFORMANCE . . .	6777775	1

GROUP R

TORQUE CONVERTER, FIGURE 4-1

SAME AS GROUP L, EXCEPT FOR PARTS LISTED BELOW.

15	PUMP, TORQUE CONVERTER TC 580 PERFORMANCE . . .	6777777	1
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GROUP S

TORQUE CONVERTER, FIGURE 4-1

SAME AS GROUP L, EXCEPT FOR PARTS LISTED BELOW.

6	STATOR	6777223	1
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TORQUE CONVERTER HOUSING 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
6757512	CRT 5630-2	C	6775889	CRT 5631-3	G
6758981	CRT 5530-3	B	6775956	CRT 5631-6	G
6755722	CRT 5630-2	A	6775957	CRT 5631-6	G
6759792	CRT 5630-5	A	6775958	CRT 5631-6	G
6759799	CRT 5630-5	B	6776471	CRT 5631-6	E
6759800	CRT 5630-3	B	6776869	CRT 5631-6	G
6759808	CRT 5630-6	B	6776870	CRT 5631-6	E
6759833	CRT 5630-2	A	6777050	CRT 5631-7	E
6759980	CRT 5630-5	A	6777111	CRT 5631-7	G
6765778	CRT 5630-6	A	6777145	CRT 5631-6	G
6765926	CRT 5630-6	A	6777533	CRT 5631-6	G
6770280	CRT 5630-3	F	6778182	CRT 5631-6	E
6770378	CRT 5630-2	A	6778360	CRT 5631-7	E
6770604	CRT 5630-7	B	6778365	CRT 5631-7	E
6770680	CRT 5630-6	C	6778591	CRT 5631-7	E
6770695	CRT 5630-6	A	6779117	CRT 5631-6	G
6770952	CRT 5630-6	A	6779118	CRT 5631-6	G
6771642	CRT 5630-3	B	6779240	CRT 5631-6	G
6771643	CRT 5630-6	A	6779471	CRT 5631-6	E
6771644	CRT 5630-6	A	6830744	CRT 5631-7	G
6771691	CRT 5630-6	A	6830848	CRT 5631-6	G
6772035	CRT 5631-5	E	6830849	CRT 5631-6	G
6772706	CRT 5631-6	E	6830852	CRT 5631-6	G
6772769	CRT 5630-5	A	6830853	CRT 5631-5	E
6772820	CRT 5630-6	A	6830854	CRT 5631-6	G
6772821	CRT 5630-6	A	6830855	CRT 5631-7	G
6772878	CRT 5630-7	A	6830881	CRT 5631-7	G
6773041	CRT 5630-5	C	6831043	CRT 5631-6	E
6773143	CRT 5630-2	A	6831364	CRT 5631-8	E
6773306	CRT 5631-6	G	6831857	CRT 5631-5	E
6773915	CRT 5631-6	G	6831858	CRT 5631-6	E
6774016	CRT 5631-7	H	6832011	CRT 5631-6	E
6774088	CRT 5631-7	E	6832155	CRT 5631-6	E
6774147	CRT 5630-6	A	6832401	CRT 5631-7	E
6774148	CRT 5631-6	E	6832411	CRT 5631-6	E
6774341	CRT 5631-5	G	6832788	CRT 5631-5	E
6774498	CRT 5631-6	G	6832795	CRT 5631-6	E
6774524	CRT 5631-7	G	6832865	CRT 5631-6	E
6774584	CRT 5631-5	E	6832916	CRT 5631-7	E
6774639	CRT 5631-6	E	6832917	CRT 5631-6	G
6774640	CRT 5631-6	E	6832924	CRT 5631-7	E
6774665	CRT 5631-8	E	6832980	CRT 5631-6	G
6774692	CRT 5631-6	E	6833130	CRT 5631-6	E
6774764	CRT 5630	A	6833131	CRT 5631-6	G
6774859	CRT 5631-6	G	6833188	CRT 5631-7	E
6774860	CRT 5631-6	G	6833367	CRT 5631-7	G
6775242	CRT 5631-7	G	6833420	CRT 5631-6	G
6775295	CRT 5631-5	E	6833441	CRT 5631-6	E
6775459	CRT 5631-6	G	6833363	CRT 5631-5	G
6775835	CRT 5631-6	E	6833590	CRT 5631-7	E

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

TORQUE CONVERTER HOUSING 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
6833591	CRT 5631-7	E	6834718	CRT 5631-6	E
6833865	CRT 5631-7	E	6834821	CRT 5631-6	E
6834186	CRT 5631-6	G	6834898	CRT 5631-6	E
6834336	CRT 5631-6	E	6835517	CRT 5631-6	E
6834337	CRT 5631-6	E	6835988	CRT 5631-6	E
6834396	CRT 5631-6	E	6836043	CRT 5631-7	D

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

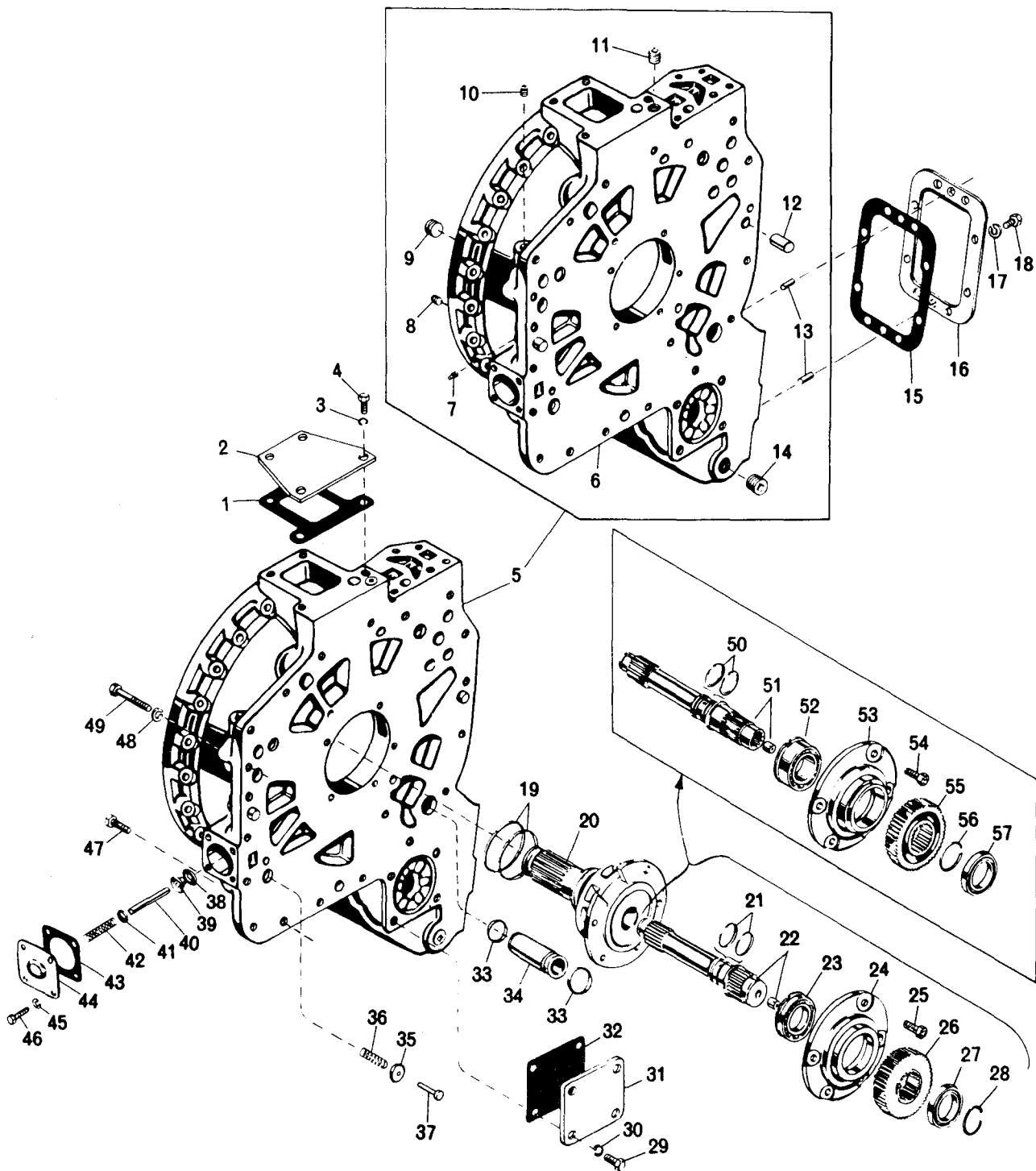


FIG 5 TORQUE CONVERTER HOUSING

GROUP A

TORQUE CONVERTER HOUSING, FIGURE 5

REF NC	NUMENCLATURE	PART NO	REQ
1	GASKET, INSPECTION COVER	6756140	1
2	COVER, INSPECTION	6756141	1
3	WASHER, LOCK, 1/2	103323	4
4	BCLT, HX HD, 1/2-13 X 1 1/4	179883	4
5	HOUSING ASSY, CONVERTER	6778346	1
6	HCUSING, CONVERTER	6771559 *	1
7	PLUG, PIPE, 1/4 DRYSEAL	444576	1
8	PLUG, 1/2-14	445751	1
9	PLUG, PIPE, 1 INCH	444678	4
10	PLUG, 1/2-14	444588	1
11	PLUG, PIPE, 3/4	444672	1
12	PIN, COWEL, 3/4 X 1.25	107393	2
13	NOT USED IN THIS GROUP.		
14	PLUG, PIPE, 1 INCH	444678	1
15-18	NOT USED IN THIS GROUP.		
19	RING, STEP JOINT SEAL TEFLON	6774721	2
20	SLEEVE, CONVERTER GROUND	6770727	1
21	RING, HOCK TYPE SEAL	6703026	2
22	SHAFT, CONVERTER OUTPUT	6771927	1
23	BEARING, SINGLE RCW BALL, ND 43212LRIA	900654	1
24	RETAINER, BEARING	6768755	1
25	BOLT, 1/2-13 X 1 1/4	9409127	5
26	GEAR, FORWARD SUN	6768756	1
27	BEARING, SINGLE RCW BALL, ND 73LTOXIA	954447	1
28	RING, SNAP	67C2989	1
29	BCLT, HX HD, 1/2-13 X 1 1/4	179883	4
30	WASHER, LOCK, 1/2	103323	4
31	COVER, ACCESSORY DRIVE PAD	6756381	1
32	GASKET, ACCESSORY DRIVE PAD	6756382	1
33	SEAL, C RING	6830021	2
34	TUBE, CIL PUMP SUCTION	6768770	1
35-37	NOT USED IN THIS GROUP.		
38	WASHER, SEAL PRIOR TO S/N 27691 USE 6771323. .	6774497	1
	STARTING WITH S/N 27691 USE 6774497		
	SEE SPI 530		
39	VALVE, LUBE REGULATOR SEE SPI 530	6774188	1
40	PIN, LUBE VALVE GUIDE	6755403	1
41	WASHER, SPRING SHIM	103341	AR
42	SPRING, LUBE REGULATOR VALVE, .09C5-.0935	6771250	1
	DIA WIRE, .670 OD, 21 TOTAL COILS		
43	GASKET, LUBE REGULATOR COVER	6755378	1
44	COVER, LUBE REGULATOR	6758216	1
45	WASHER, LOCK, 3/8	103321	4
46	BCLT, HX HD, 3/8-16 X 3/4	179837	4
47	BOLT, 1/2-20 X 2 1/2	181436	3
48	WASHER, LOCK, 1/2	103323	1
49	BOLT, 1/2-13 X 3 1/4	179894	1
50-57	NOT USED IN THIS GROUP.		

GROUP B

TORQUE CONVERTER HOUSING, FIGURE 5

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

21-22	NOT USED IN THIS GROUP.		
29-32	NOT USED IN THIS GROUP.		
48-49	NOT USED IN THIS GROUP.		
50	RING, HOCK TYPE SEAL	6703026	2
51	SHAFT ASSY, CONVERTER OUTPUT	6756579	1
52-57	NOT USED IN THIS GROUP.		

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP C

TORQUE CONVERTER HOUSING, FIGURE 5

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
35	VALVE, OUTPUT OIL PUMP CHECK	6756164	1
36	SPRING, OUTPUT OIL PUMP, .031-.033 DIA WIRE, . . .312 ID, 18 TOTAL COILS	6756458	1
37	GUIDE, OUTPUT OIL PUMP CHECK VALVE	6756146	1
47-49	NOT USED IN THIS GROUP.		

GROUP D

TORQUE CONVERTER HOUSING, FIGURE 5

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5	HOUSING ASSY, CONVERTER WHEN REPLACING	6774716	1
	CONVERTER HOUSING ASSY 6771646 ALSO ORDER BOLT 179891, WASHER 103323, SPINDLE 6774736, GEAR 6774735, BEARING 901310, SNAP RING 8892840. SEE FIG. 13 SEE SPI 557		
6	HOUSING, CONVERTER	6774717 *	1
13	PIN, 7/16 X 1 INCH	141264	2
15	GASKET	6758442	1
16	COVER	6768990	1
17	WASHER, LOCK, 7/16	103322	8
18	BOLT, HX HD, 7/16-14 X 7/8	179857	8

GROUP E

TORQUE CONVERTER HOUSING, FIGURE 5

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

5	HOUSING ASSY, CONVERTER	6778346	1
6	HOUSING, CONVERTER	6771559	1
21-28	NOT USED IN THIS GROUP.		
47	BOLT, HX HD, 1/2-20 X 2 3/4	181441	3
50	RING, HCK TYPE SEAL	6703026	2
51	SHAFT ASSY, CONVERTER OUTPUT	6772076	1
52	BEARING, DOUBLE RCW BALL, ND45212WL1214A	907647	1
53	RETAINER, BEARING	6769328	1
54	BOLT, HX HD, 1/2-13 X 1 1/4	9409127	5
55	GEAR, FORWARD SUN	6769329	1
56	RING, SNAP	6769319	1
57	BEARING, SINGLE RCW BALL, ND73L1CX1A	954447	1

GROUP F

TORQUE CONVERTER HOUSING, FIGURE 5

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

29-32	NOT USED IN THIS GROUP.
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* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP G

TORQUE CONVERTER HOUSING, FIGURE 5

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NC	NOMENCLATURE	PART NO	REQ
5	HOUSING ASSY, CONVERTER WHEN REPLACING CONVERTER HOUSING ASSY 6771646 ALSO ORDER BOLT 179891, WASHER 103323, SPINDLE 6774736, GEAR 6774735, BEARING 901310, SNAP RING 8892840. SEE FIG 13 SEE SPI 557	6774716	1
6	HOUSING, CONVERTER	6774717 *	1
13	PIN, 7/16 X 1	141264	2
15	GASKET	6758442	1
16	COVER	6768990	1
17	WASHER, LOCK, 7/16	103322	8
18	BOLT, HX HD, 7/16-14 X 7/8	179857	8
21-28	NOT USED IN THIS GROUP.		
47	BOLT, HX HD, 1/2-20 X 2 3/4	181441	3
50	RING, HCK TYPE SEAL	6703026	2
51	SHAFT ASSY, CONVERTER OUTPUT	6772076	1
52	BEARING, DOUBLE ROW BALL, ND45212WL1214A	907647	1
53	RETAINER, BEARING	6769328	1
54	BOLT, HX HD, 1/2-13 X 1 1/4	9409127	5
55	GEAR, FORWARD SUN	6769329	1
56	RING, SNAP	6769319	1
57	BEARING, SINGLE ROW BALL, ND 73L10X1A	954447	1

GROUP H

TORQUE CONVERTER HOUSING, FIGURE 5

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

21-32	NOT USED IN THIS GROUP.		
47	BOLT, HX HD, 1/2-20 X 2 3/4	181441	3
50	RING, HCK TYPE SEAL	6703026	2
51	SHAFT ASSY, CONVERTER OUTPUT	6769334	1
52	BEARING, DOUBLE ROW BALL, ND45212WL1214A	907647	1
53	RETAINER, BEARING	6769328	1
54	BOLT, HX HD, 1/2-13 X 1 1/4	9409127	5
55	GEAR, FORWARD SUN	6769329	1
56	RING, SNAP	6769319	1
57	BEARING, SINGLE ROW BALL, ND 73L10X1A	954447	1

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

FORWARD PLANETARY AND 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
6757512	CRT 5630-2	A	6775889	CRT 5631-3	C
6758981	CRT 5530-3	B	6775956	CRT 5631-6	C
6755722	CRT 5630-2	A	6775957	CRT 5631-6	C
6759792	CRT 5630-5	A	6775958	CRT 5631-6	C
6759799	CRT 5630-5	B	6776471	CRT 5631-6	C
6759800	CRT 5630-3	B	6776869	CRT 5631-6	C
6759808	CRT 5630-6	B	6776870	CRT 5631-6	C
6759833	CRT 5630-2	A	6777050	CRT 5631-7	C
6759980	CRT 5630-5	A	6777111	CRT 5631-7	C
6769778	CRT 5630-6	A	6777145	CRT 5631-6	C
6769526	CRT 5630-6	A	6777533	CRT 5631-6	C
6770280	CRT 5630-3	B	6778182	CRT 5631-6	C
6770378	CRT 5630-2	A	6778360	CRT 5631-7	C
6770604	CRT 5630-7	A	6778365	CRT 5631-7	C
6770680	CRT 5630-6	A	6778591	CRT 5631-7	C
6770695	CRT 5630-6	A	6779117	CRT 5631-6	C
6770992	CRT 5630-6	A	6779118	CRT 5631-6	C
6771642	CRT 5630-3	A	6779240	CRT 5631-6	C
6771643	CRT 5630-6	A	6779471	CRT 5631-6	C
6771644	CRT 5630-6	A	6830744	CRT 5631-7	C
6771691	CRT 5630-6	A	6830848	CRT 5631-6	C
6772035	CRT 5631-5	C	6830849	CRT 5631-6	C
6772706	CRT 5631-6	C	6830852	CRT 5631-6	C
6772769	CRT 5630-5	A	6830853	CRT 5631-5	C
6772820	CRT 5630-6	A	6830854	CRT 5631-6	C
6772821	CRT 5630-6	A	6830855	CRT 5631-7	C
6772878	CRT 5630-7	A	6830881	CRT 5631-7	C
6773041	CRT 5630-5	A	6831043	CRT 5631-6	C
6773143	CRT 5630-2	A	6831364	CRT 5631-8	C
6773306	CRT 5631-6	C	6831857	CRT 5631-5	C
6773915	CRT 5631-6	C	6831858	CRT 5631-6	C
6774016	CRT 5631-7	C	6832011	CRT 5631-6	C
6774088	CRT 5631-7	C	6832155	CRT 5631-6	C
6774147	CRT 5630-6	A	6832401	CRT 5631-7	C
6774148	CRT 5631-6	C	6832411	CRT 5631-6	C
6774341	CRT 5631-5	C	6832788	CRT 5631-5	C
6774498	CRT 5631-6	C	6832795	CRT 5631-6	C
6774524	CRT 5631-7	C	6832865	CRT 5631-6	C
6774584	CRT 5631-5	C	6832916	CRT 5631-7	C
6774639	CRT 5631-6	C	6832917	CRT 5631-6	C
6774640	CRT 5631-6	C	6832924	CRT 5631-7	C
6774665	CRT 5631-8	C	6832980	CRT 5631-6	C
6774692	CRT 5631-6	C	6833130	CRT 5631-6	C
6774764	CRT 5630	A	6833131	CRT 5631-6	C
6774859	CRT 5631-6	C	6833188	CRT 5631-7	C
6774860	CRT 5631-6	C	6833367	CRT 5631-7	C
6775242	CRT 5631-7	C	6833420	CRT 5631-6	C
6775295	CRT 5631-5	C	6833441	CRT 5631-6	C
6775459	CRT 5631-6	C	6833363	CRT 5631-5	C
6775835	CRT 5630-6	C	6833590	CRT 5631-7	C

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

FORWARD PLANETARY AND CLUTCH SECTION

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

A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6833591	CRT 5631-7	C	6834718	CRT 5631-6	C
6833865	CRT 5631-7	C	6834821	CRT 5631-6	C
6834186	CRT 5631-6	C	6834898	CRT 5631-6	C
6834336	CRT 5631-6	C	6835517	CRT 5631-6	C
6834337	CRT 5631-6	C	6835988	CRT 5631-6	C
6834396	CRT 5631-6	C	6836043	CRT 5631-7	C

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

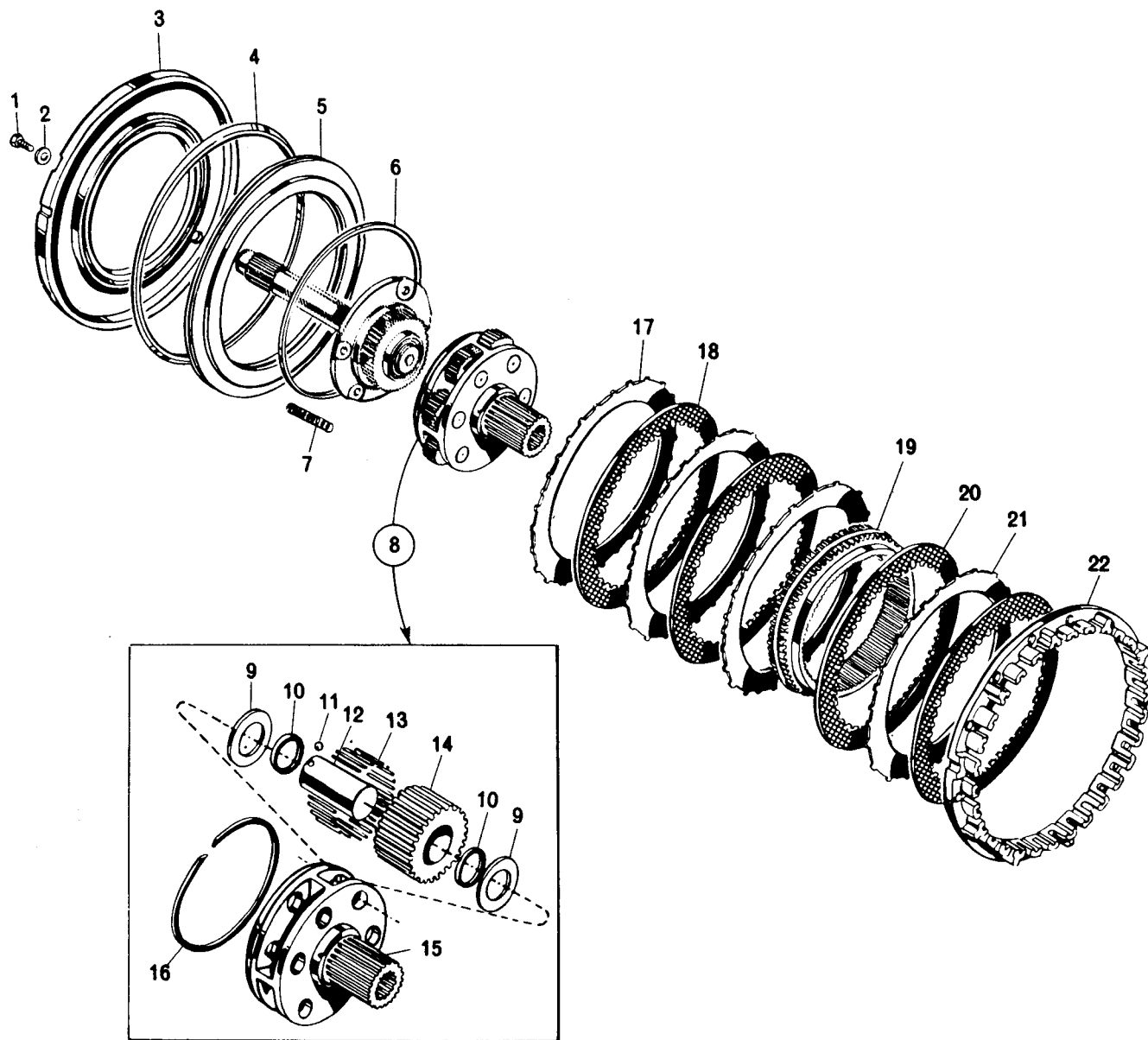


FIG 6 FORWARD PLANETARY AND CLUTCH

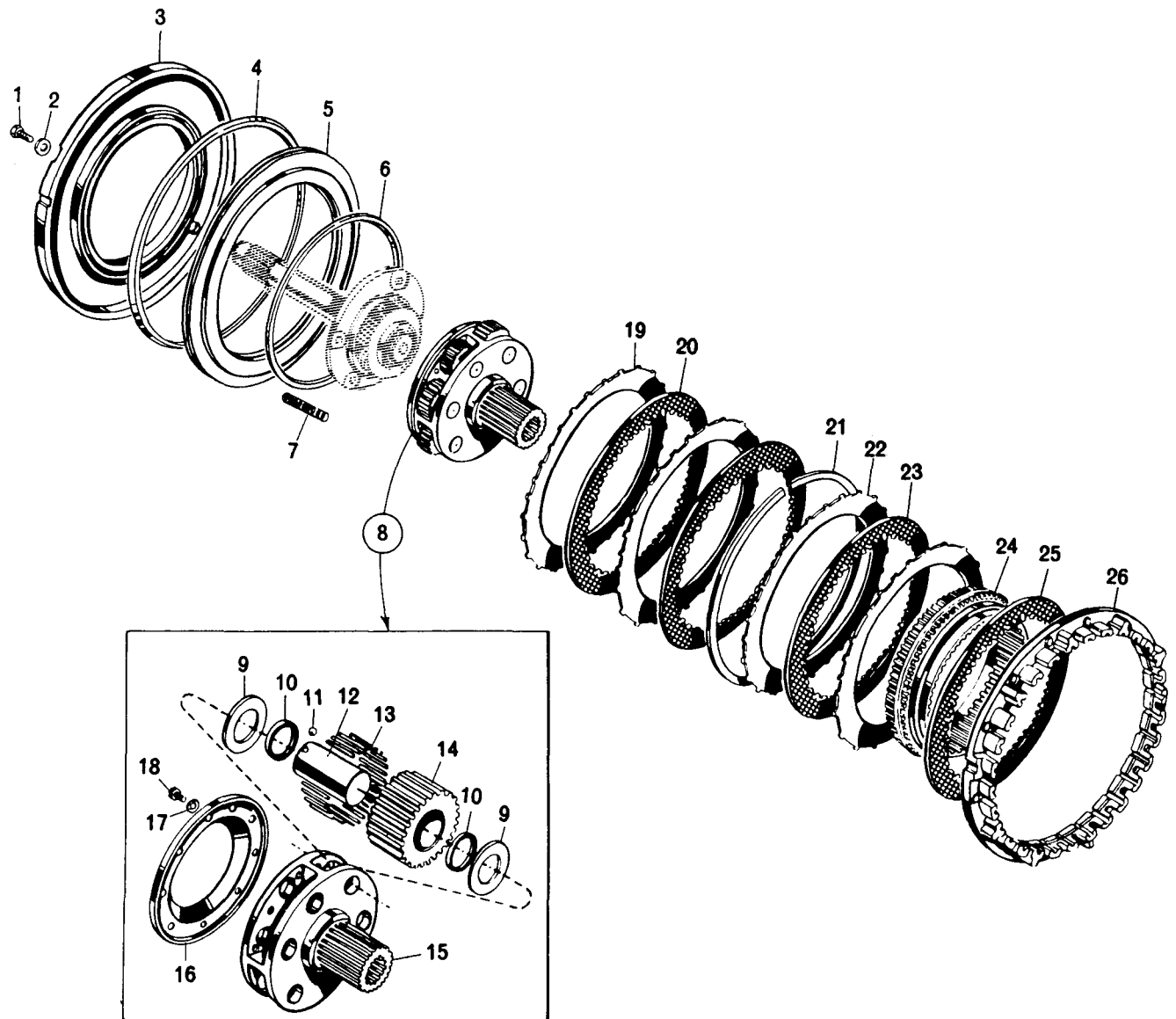


FIG 6-1 FORWARD PLANETARY AND CLUTCH

GROUP A

FORWARD PLANETARY AND CLUTCH, FIGURE 6

REF NO	NOMENCLATURE	PART NO	REQ
1	BOLT, HX HD, 3/8-16 X 3/4	179837	3
2	WASHER, PLAIN, 3/8	103341	3
3	CYLINDER, FWD CLUTCH PISTON	6768807	1
4	RING, LIP TYPE EXTERNAL SEAL. PRIOR TO S/N 49007 USE 6777672 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832484 LIP TYPE SEALRING SEE SPI 615	6832484	1
5	PISTON, FWD CLUTCH. PRIOR TO S/N 49007 USE 6754587 STARTING WITH S/N 49007 USE 6831034 SEE SPI 615	6831034	1
6	RING, LIP TYPE INTERNAL SEAL. PRIOR TO S/N 49007 USE 6777673 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832486 LIP TYPE SEALRING SEE SPI 615.	6832486	1
7	SPRING, PISTON RETURN, .0895-.0935 DIA WIRE, . . .625 CD, 23.5 TOTAL COILS	6759332	14
8	CARRIER ASSY, FWD PLANETARY	6757567	1
9	WASHER, THRUST PRIOR TO S/N 4274 USE 6756873. STARTING WITH S/N 4274 USE 6768499	6768499	12
10	SPACER	6769261	12
11	BALL, 3/16 DIA	453606	6
12	SPINDLE	6758581	6
13	ROLLER USE 6756275 PRIOR TO S/N 4274	6704426	144
14	PINION SET MATCHED SET OF 6 PINIONS	6771315	1 SET
15	CARRIER, FWD PLANETARY	6758587	1
16	RING, SNAP	6750027	1
17	PLATE, FWD CLUTCH EXTERNALLY SPLINED	6769326	3
18	PLATE, FWD CLUTCH INTERNALLY SPLINED	6770647	2
19	GEAR, FWD RING	6769152	1
20	PLATE, FWD CLUTCH INTERNALLY SPLINED	6770647	2
21	PLATE, FWD CLUTCH EXTERNALLY SPLINED	6769326	1
22	ANCHOR, FWD CLUTCH	6769099	1

GROUP B

FORWARD PLANETARY AND CLUTCH, FIGURE 6

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

8	CARRIER ASSY, FWD PLANETARY	6768753	1
15	CARRIER, FWD PLANETARY	6768754	1

GROUP C

FORWARD PLANETARY AND CLUTCH, FIGURE 6-1

1	BOLT, HX HD, 3/8-16 X 3/4	179837	3
2	WASHER, PLAIN, 3/8	103341	3
3	CYLINDER, FWD CLUTCH PISTON	6769325	1
4	RING, LIP TYPE EXTERNAL SEAL. PRIOR TO S/N 49007 USE 6777672 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832484 LIP TYPE SEALRING SEE SPI 615.	6832484	1
5	PISTON, FORWARD CLUTCH. PRIOR TO S/N 49007 USE . 6754587. STARTING WITH S/N 49007 USE 6831034 SEE SPI 615.	6831034	1
6	RING, LIP TYPE INTERNAL SEAL. PRIOR TO S/N 49007 USE 6777673 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832486 LIP TYPE SEALRING SEE SPI 615	6832486	1

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GROUP C CONT

FORWARD PLANETARY AND CLUTCH, FIGURE 6-1

REF NO	NOMENCLATURE	PART NO	REQ
7	SPRING, PISTON RETURN, .1185-.1225 DIA WIRE,625 OD, 27 TOTAL COILS	6769318	14
8	CARRIER ASSY, FWD PLANETARY	6769311	1
9	WASHER, THRUST	6768499	12
10	SPACER	6769261	12
11	BALL, 3/16 DIA	453606	6
12	SPINDLE	6759377	6
13	ROLLER	6704426	144
14	PINION SET MATCHED SET OF 6 PINIONS	6771315	1 SET
15	CARRIER, FORWARD PLANETARY	6769357	1
16	COLLECTOR, OIL	6769310	1
17	WASHER, INTERNAL TOOTH LOCK, 3/8	115549	9
18	BOLT, HEX LOCKING, 3/8-24 X 5/8	9409033	9
19	PLATE, FWD CLUTCH EXTERNALLY SPLINED	6769326	2
20	PLATE, FWD CLUTCH INTERNALLY SPLINED	6770647	2
21	RING, SNAP	6769323	1
22	PLATE, FWD CLUTCH EXTERNALLY SPLINED	6769326	2
23	PLATE, FWD CLUTCH INTERNALLY SPLINED	6770647	1
24	GEAR, FORWARD CLUTCH RING	6769317	1
25	PLATE, FWD CLUTCH INTERNALLY SPLINED	6770647	1
26	ANCHOR, FORWARD CLUTCH	6769327	1

REVERSE PLANETARY AND 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
6757512	CRT 5630-2	A	6775889	CRT 5631-3	B
6758981	CRT 5530-3	A	6775956	CRT 5631-6	B
6759722	CRT 5630-2	A	6775957	CRT 5631-6	B
6759792	CRT 5630-5	A	6775958	CRT 5631-6	B
6759799	CRT 5630-5	A	6776471	CRT 5631-6	B
6759800	CRT 5630-3	A	6776869	CRT 5631-6	B
6759808	CRT 5630-6	A	6776870	CRT 5631-6	B
6759833	CRT 5630-2	A	6777050	CRT 5631-7	B
6759980	CRT 5630-5	A	6777111	CRT 5631-7	B
6765778	CRT 5630-6	A	6777145	CRT 5631-6	B
6765926	CRT 5630-6	A	6777533	CRT 5631-6	B
6770280	CRT 5630-3	A	6778182	CRT 5631-6	B
6770378	CRT 5630-2	A	6778360	CRT 5631-7	B
6770604	CRT 5630-7	A	6778365	CRT 5631-7	B
6770680	CRT 5630-6	A	6778591	CRT 5631-7	B
6770695	CRT 5630-6	A	6779117	CRT 5631-6	B
6770992	CRT 5630-6	A	6779118	CRT 5631-6	B
6771642	CRT 5630-3	A	6779240	CRT 5631-6	B
6771643	CRT 5630-6	A	6779471	CRT 5631-6	B
6771644	CRT 5630-6	A	6830744	CRT 5631-7	B
6771691	CRT 5630-6	A	6830848	CRT 5631-6	B
6772035	CRT 5631-5	B	6830849	CRT 5631-6	B
6772706	CRT 5631-6	B	6830852	CRT 5631-6	B
6772769	CRT 5630-5	A	6830853	CRT 5631-5	B
6772820	CRT 5630-6	A	6830854	CRT 5631-6	B
6772821	CRT 5630-6	A	6830855	CRT 5631-7	B
6772878	CRT 5630-7	A	6830881	CRT 5631-7	B
6773041	CRT 5630-5	A	6831043	CRT 5631-6	B
6773143	CRT 5630-2	A	6831364	CRT 5631-8	B
6773306	CRT 5631-6	B	6831857	CRT 5631-5	B
6773915	CRT 5631-6	B	6831858	CRT 5631-6	B
6774016	CRT 5631-7	B	6832011	CRT 5631-6	B
6774088	CRT 5631-7	B	6832155	CRT 5631-6	B
6774147	CRT 5630-6	A	6832401	CRT 5631-7	B
6774148	CRT 5631-6	B	6832411	CRT 5631-6	B
6774341	CRT 5631-5	B	6832788	CRT 5631-5	B
6774498	CRT 5631-6	B	6832795	CRT 5631-6	B
6774524	CRT 5631-7	B	6832865	CRT 5631-6	C
6774584	CRT 5631-5	B	6832916	CRT 5631-7	B
6774639	CRT 5631-6	B	6832917	CRT 5631-6	B
6774640	CRT 5631-6	B	6832924	CRT 5631-7	B
6774665	CRT 5631-8	B	6832980	CRT 5631-6	B
6774692	CRT 5631-6	B	6833130	CRT 5631-6	B
6774764	CRT 5630	A	6833131	CRT 5631-6	B
6774859	CRT 5631-6	B	6833188	CRT 5631-7	B
6774860	CRT 5631-6	B	6833367	CRT 5631-7	B
6775242	CRT 5631-7	B	6833420	CRT 5631-6	B
6775295	CRT 5631-5	B	6833441	CRT 5631-6	B
6775459	CRT 5631-6	B	6833363	CRT 5631-5	B
6775835	CRT 5631-6	B	6833590	CRT 5631-7	B

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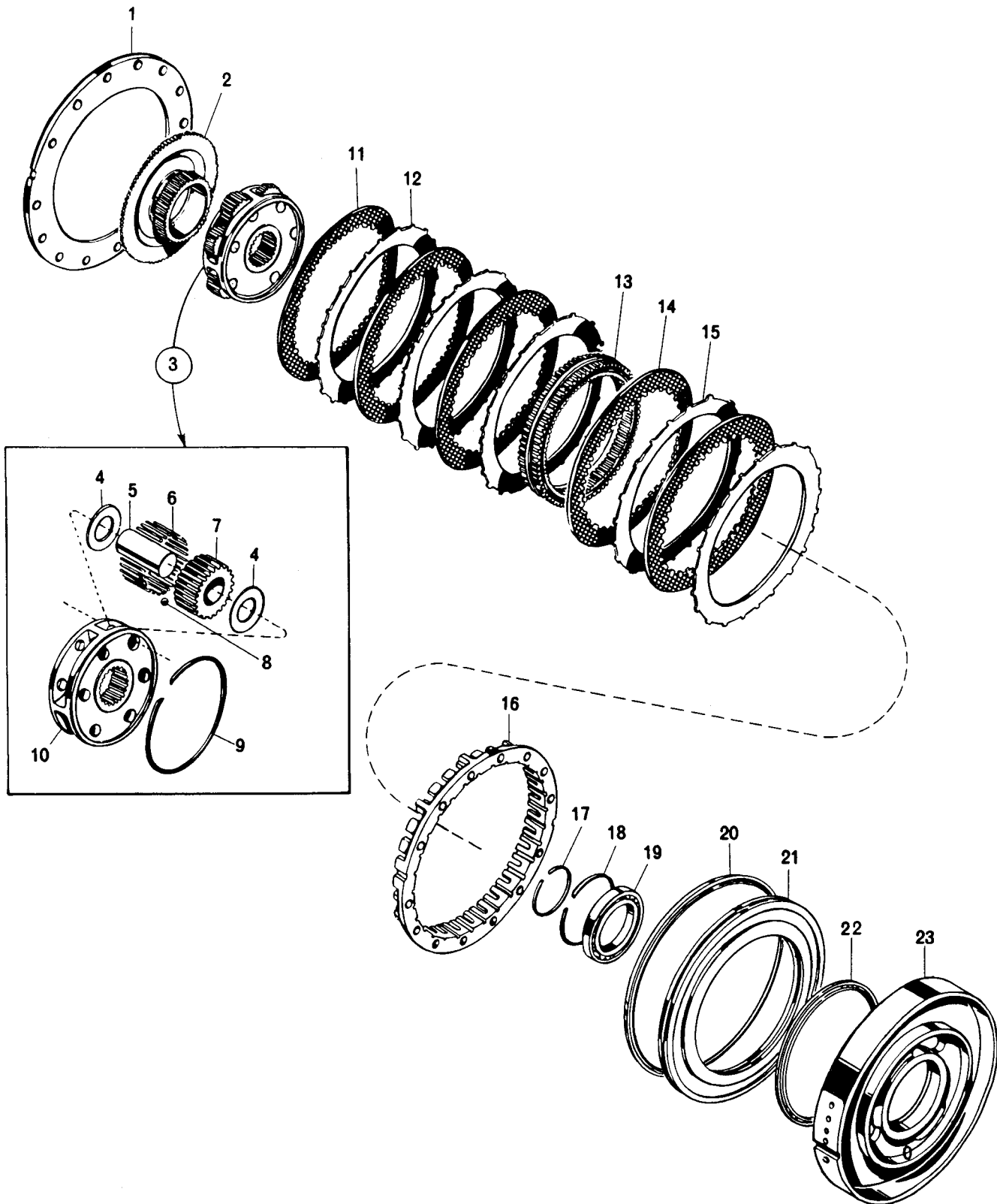
* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

REVERSE PLANETARY AND CLUTCH SECTION

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

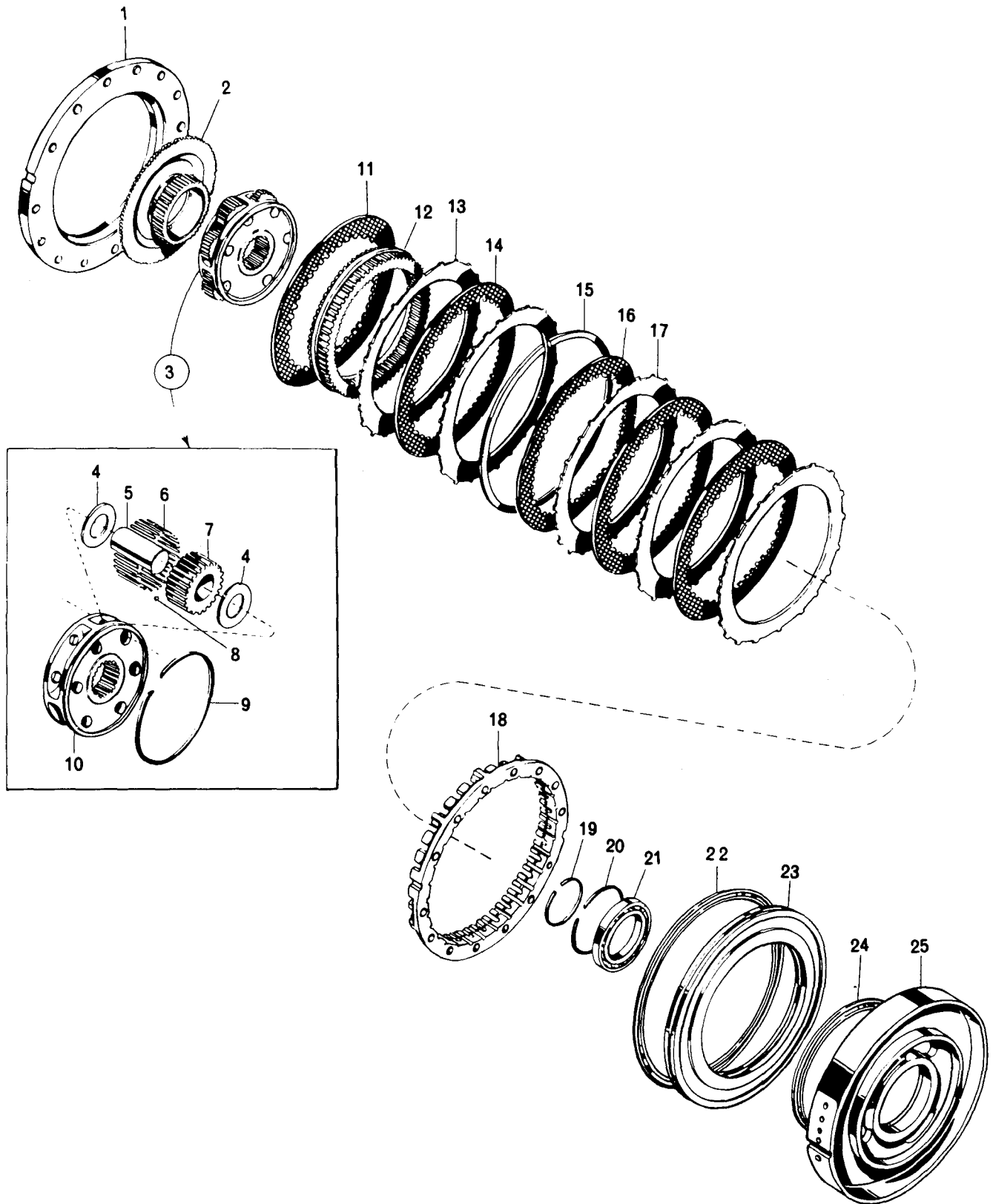
A/N*	MODEL	GROUP	A/N*	MODEL	GROUP
6E33591	CRT 5631-7	B	6834718	CRT 5631-6	B
6E33865	CRT 5631-7	B	6834821	CRT 5631-6	B
6E34166	CRT 5631-6	B	6834898	CRT 5631-6	B
6834336	CRT 5631-6	B	6835517	CRT 5631-6	C
6834337	CRT 5631-6	B	6835988	CRT 5631-6	B
6834396	CRT 5631-6	B	6836043	CRT 5631-7	B

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



4819C

FIG 7 REVERSE PLANETARY AND CLUTCH



4820C

FIG 7-1 REVERSE PLANETARY AND CLUTCH

GROUP A

REVERSE PLANETARY AND CLUTCH, FIGURE 7

REF NO	NOMENCLATURE	PART NO	REQ
1	PLATE, CLUTCH BACKING	6768456	1
2	GEAR, REVERSE CLUTCH SUN	6756276	1
3	CARRIER ASSY, REVERSE PLANETARY	6757566	1
4	WASHER, THRUST	6756873	12
5	SPINDLE	6758581	6
6	ROLLER	6756275	144
7	PINION SET MATCHED SET OF 6 PINIONS	6771315	1 SET
7	PINION SET MATCHED SET OF 4 PINIONS	6771316	1 SET
	USED ONLY ON CRT 5530-3		
8	BALL, 3/16 DIA	453606	6
9	RING, SNAP	6750027	1
10	CARRIER, REVERSE PLANETARY	6758229	1
11	PLATE, REVERSE CLUTCH INTERNALLY SPLINED	6770647	3
12	PLATE, REVERSE CLUTCH EXTERNALLY SPLINED	6769326	3
13	GEAR, REVERSE CLUTCH RING	6769151	1
14	PLATE, REVERSE CLUTCH INTERNALLY SPLINED	6770647	2
15	PLATE, REVERSE CLUTCH EXTERNALLY SPLINED	6769326	2
16	ANCHOR, REVERSE CLUTCH	6769097	1
17	RING, EXTERNAL SNAP	6753304	1
18	RING, INTERNAL SNAP	6750025	1
19	BEARING, SINGLE ROW BALL, NO 3L21X1A	903021	1
20	RING, LIP TYPE EXTERNAL SEAL. PRIOR TO S/N 49007 USE 6777672 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832484 LIP TYPE SEALRING SEE SPI 615.	6832484	1
21	PISTON, REVERSE CLUTCH. PRIOR TO S/N 49007 USE 6754587. STARTING WITH S/N 49007 USE 6831034 SEE SPI 615.	6831034	1
22	RING, LIP TYPE INTERNAL SEAL. PRIOR TO S/N 49007 USE 6777673 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832486 LIP TYPE SEAL RING SEE SPI 615.	6832486	1
23	DIAPHRAGM	6768996	1

GROUP B

REVERSE PLANETARY AND CLUTCH, FIGURE 7-1

1	PLATE, CLUTCH BACKING	6769322	1
2	GEAR, REVERSE CLUTCH SUN	6756276	1
3	CARRIER ASSY, REVERSE PLANETARY	6757566	1
4	WASHER, THRUST	6756873	12
5	SPINDLE	6758581	6
6	ROLLER	6756275	144
7	PINION SET MATCHED SET OF 6 PINIONS	6771315	1 SET
8	BALL, 3/16 DIA	453606	6
9	RING, SNAP	6750027	1
10	CARRIER, REVERSE PLANETARY	6758229	1
11	PLATE, REVERSE CLUTCH INTERNALLY SPLINED	6770647	1
12	GEAR, REVERSE CLUTCH RING	6769316	1
13	PLATE, REVERSE CLUTCH EXTERNALLY SPLINED	6769326	2
14	PLATE, REVERSE CLUTCH INTERNALLY SPLINED	6770647	1
15	RING, SNAP	6769323	1
16	PLATE, REVERSE CLUTCH INTERNALLY SPLINED	6770647	3
17	PLATE, REVERSE CLUTCH EXTERNALLY SPLINED	6769326	3
18	ANCHOR, REVERSE CLUTCH	6769370	1
19	RING, EXTERNAL SNAP	6753304	1
20	RING, INTERNAL SNAP	6750025	1
21	BEARING, SINGLE ROW BALL, NO 3L21X1A	903021	1
22	RING, LIP TYPE EXTERNAL SEAL. PRIOR TO S/N 49007 USE 6777672 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832484 LIP TYPE SEALRING SEE SPI 615.	6832484	1

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GROUP B CONT

REVERSE PLANETARY AND CLUTCH, FIGURE 7-1

REF NO	NOMENCLATURE	PART NO	REQ
23	PISTON, REVERSE CLUTCH. PRIOR TO S/N 49007 USE . 6754587. STARTING WITH S/N 49007 USE 6831034 SEE SPI 615.	6831034	1
24	RING, LIP TYPE INTERNAL SEAL. PRIOR TO S/N 49007 USE 6777673 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832486 LIP TYPE SEALRING SEE SPI 615.	6832486	1
25	DIAPHRAGM	6769320	1

GROUP C

REVERSE PLANETARY AND CLUTCH, FIGURE 7-1

SAME AS GROUP B, EXCEPT FOR PARTS LISTED BELOW.

3	CARRIER ASSY, REVERSE PLANETARY	6769313	1
10	CARRIER, REVERSE PLANETARY	6779312	1

MAIN SHAFT 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
6757512	CRT 5630-2	C	6775835	CRT 5631-6	A
6758581	CRT 5530-3	B	6775889	CRT 5631-3	D
6759722	CRT 5630-2	A	6775956	CRT 5631-6	A
6759792	CRT 5630-5	A	6775957	CRT 5631-6	A
6759799	CRT 5630-5	B	6775958	CRT 5631-6	A
6759800	CRT 5630-3	B	6776471	CRT 5631-6	A
6759808	CRT 5630-6	B	6776869	CRT 5631-6	A
6759833	CRT 5630-2	A	6776870	CRT 5631-6	A
6759836	CRT 5630-2	A	6777050	CRT 5631-7	A
6759980	CRT 5630-5	A	6777111	CRT 5631-7	A
6765778	CRT 5630-6	A	6777145	CRT 5631-6	A
6765926	CRT 5630-6	A	6777533	CRT 5631-6	A
6770280	CRT 5630-3	C	6778182	CRT 5631-6	A
6770378	CRT 5630-2	A	6778360	CRT 5631-7	A
6770604	CRT 5630-7	C	6778365	CRT 5631-7	A
6770680	CRT 5630-6	A	6778591	CRT 5631-7	A
6770695	CRT 5630-6	A	6779117	CRT 5631-6	A
6770992	CRT 5630-6	A	6779118	CRT 5631-6	A
6771642	CRT 5630-3	D	6779240	CRT 5631-6	A
6771643	CRT 5630-6	A	6779471	CRT 5631-6	A
6771644	CRT 5630-6	A	6830744	CRT 5631-7	A
6771691	CRT 5630-6	A	6830848	CRT 5631-6	A
6772035	CRT 5631-5	A	6830849	CRT 5631-6	A
6772706	CRT 5631-6	A	6830852	CRT 5631-6	A
6772769	CRT 5630-5	A	6830853	CRT 5631-5	A
6772820	CRT 5630-6	A	6830854	CRT 5631-6	A
6772821	CRT 5630-6	A	6830855	CRT 5631-7	A
6772878	CRT 5630-7	C	6830881	CRT 5631-7	A
6773041	CRT 5630-5	A	6831043	CRT 5631-6	A
6773143	CRT 5630-2	A	6831364	CRT 5631-8	A
6773306	CRT 5631-6	A	6831857	CRT 5631-5	A
6773915	CRT 5631-6	A	6831858	CRT 5631-6	A
6774016	CRT 5631-7	D	6832011	CRT 5631-6	A
6774088	CRT 5631-7	A	6832155	CRT 5631-6	A
6774147	CRT 5630-6	A	6832401	CRT 5631-7	A
6774148	CRT 5631-6	A	6832411	CRT 5631-6	A
6774341	CRT 5631-5	A	6832788	CRT 5631-5	A
6774498	CRT 5631-6	A	6832795	CRT 5631-6	A
6774524	CRT 5631-7	A	6832865	CRT 5631-6	A
6774584	CRT 5631-5	A	6832916	CRT 5631-7	A
6774639	CRT 5631-6	A	6832917	CRT 5631-6	A
6774640	CRT 5631-6	A	6832924	CRT 5631-7	A
6774665	CRT 5631-8	A	6832980	CRT 5631-6	A
6774692	CRT 5631-6	A	6833130	CRT 5631-6	A
6774764	CRT 5630	A	6833131	CRT 5631-6	A
6774859	CRT 5631-6	A	6833188	CRT 5631-7	A
6774860	CRT 5631-6	A	6833367	CRT 5631-7	A
6775242	CRT 5631-7	A	6833420	CRT 5631-6	A
6775295	CRT 5631-5	A	6833441	CRT 5631-6	A
6775459	CRT 5631-6	A	6833363	CRT 5631-5	A

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

MAIN SHAFT 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
6833590	CRT 5631-7	A	6834718	CRT 5631-6	A
6833591	CRT 5631-7	A	6834821	CRT 5631-6	A
6833865	CRT 5631-7	A	6834898	CRT 5631-6	A
6834186	CRT 5631-6	A	6835517	CRT 5631-6	A
6834336	CRT 5631-6	A	6835988	CRT 5631-6	A
6834337	CRT 5631-6	A	6836043	CRT 5631-7	A
6834396	CRT 5631-6	A			

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

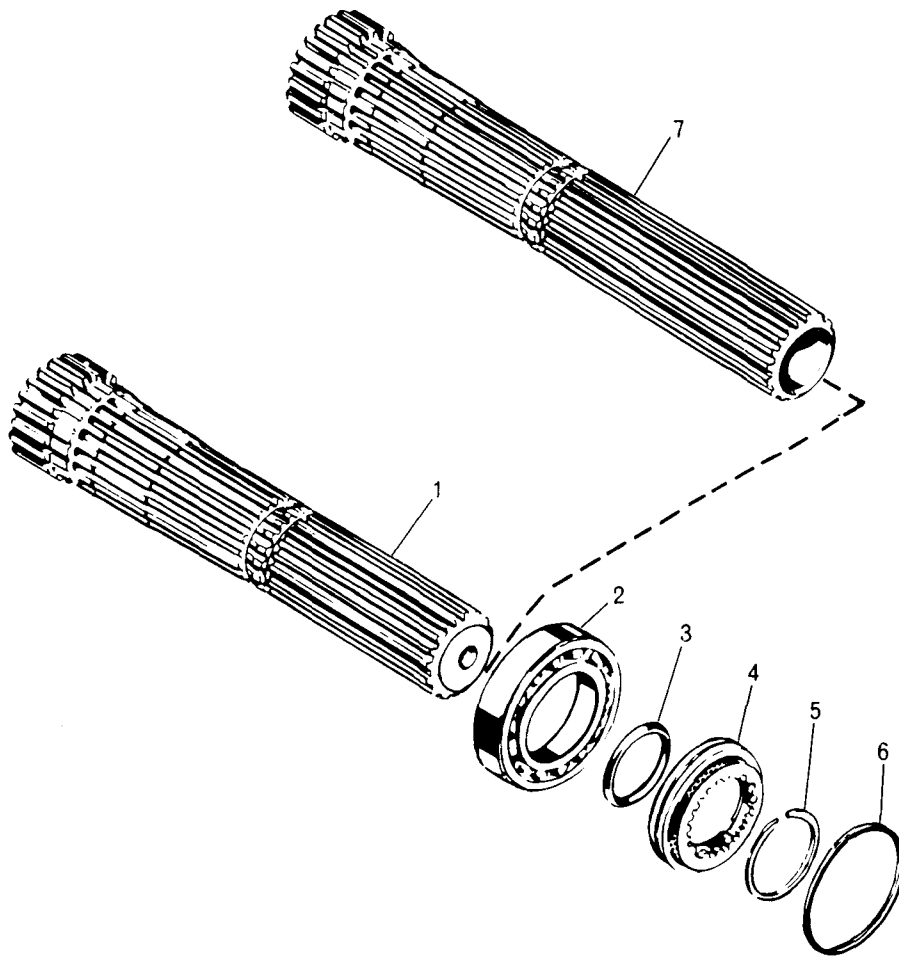


FIG 8 MAIN SHAFT

GROUP A

MAIN SHAFT, FIGURE 8

REF NO	NOMENCLATURE	PART NO	REQ
1	SHAFT, TRANSMISSION MAIN	6768739	1
2	BEARING, SINGLE ROW BALL, NO 3L15X1A	903015	1
3	RING, SEAL	6761101	1
4	SEAL, OUTPUT SHAFT OIL	6770726	1
5	RING, SNAP	6754835	1
6	RING, STEP JOINT SEAL TEFLON	6774721	1
7	NOT USED IN THIS GROUP.		

GROUP B

MAIN SHAFT, FIGURE 8

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	NOT USED IN THIS GROUP.		
7	SHAFT, TRANSMISSION MAIN	6768559	1

GROUP C

MAIN SHAFT, FIGURE 8

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	SHAFT, TRANSMISSION MAIN	6768563	1
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GROUP D

MAIN SHAFT, FIGURE 8

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	SHAFT, TRANSMISSION MAIN	6770699	1
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HIGH RANGE PLANETARY AND 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
6757512	CRT 5630-2	A	6775889	CRT 5631-3	A
6758981	CRT 5530-3	A	6775956	CRT 5631-6	A
6759722	CRT 5630-2	A	6775957	CRT 5631-6	A
6759792	CRT 5630-5	A	6775958	CRT 5631-6	A
6759799	CRT 5630-5	A	6776471	CRT 5631-6	A
6759800	CRT 5630-3	A	6776865	CRT 5631-6	A
6759808	CRT 5630-6	A	6776870	CRT 5631-6	A
6759833	CRT 5630-2	A	6777050	CRT 5631-7	A
6759980	CRT 5630-5	A	6777111	CRT 5631-7	A
6765778	CRT 5630-6	A	6777145	CRT 5631-6	A
6769926	CRT 5630-6	A	6777533	CRT 5631-6	A
6770280	CRT 5630-3	A	6778182	CRT 5631-6	A
6770378	CRT 5630-2	A	6778360	CRT 5631-7	A
6770604	CRT 5630-7	A	6778365	CRT 5631-7	A
6770680	CRT 5630-6	A	6778591	CRT 5631-7	A
6770695	CRT 5630-6	A	6779117	CRT 5631-6	A
6770992	CRT 5630-6	A	6779118	CRT 5631-6	A
6771642	CRT 5630-3	A	6779240	CRT 5631-6	A
6771643	CRT 5630-6	A	6779471	CRT 5631-6	A
6771644	CRT 5630-6	A	6830744	CRT 5631-7	A
6771691	CRT 5630-6	A	6830848	CRT 5631-6	A
6772035	CRT 5631-5	A	6830849	CRT 5631-6	A
6772706	CRT 5631-6	A	6830852	CRT 5631-6	A
6772769	CRT 5630-5	A	6830853	CRT 5631-5	A
6772820	CRT 5630-6	A	6830854	CRT 5631-6	A
6772821	CRT 5630-6	A	6830855	CRT 5631-7	A
6772878	CRT 5630-7	A	6830881	CRT 5631-7	A
6773041	CRT 5630-5	A	6831043	CRT 5631-6	A
6773143	CRT 5630-2	A	6831364	CRT 5631-8	A
6773306	CRT 5631-6	A	6831857	CRT 5631-5	A
6773915	CRT 5631-6	A	6831858	CRT 5631-6	A
6774016	CRT 5631-7	A	6832011	CRT 5631-6	A
6774088	CRT 5631-7	A	6832155	CRT 5631-6	A
6774147	CRT 5630-6	A	6832401	CRT 5631-7	A
6774148	CRT 5631-6	A	6832411	CRT 5631-6	A
6774341	CRT 5631-5	A	6832788	CRT 5631-5	A
6774498	CRT 5631-6	A	6832755	CRT 5631-6	A
6774524	CRT 5631-7	A	6832865	CRT 5631-6	A
6774584	CRT 5631-5	A	6832916	CRT 5631-7	A
6774639	CRT 5631-6	A	6832917	CRT 5631-6	A
6774640	CRT 5631-6	A	6832924	CRT 5631-7	A
6774665	CRT 5631-8	A	6832980	CRT 5631-6	A
6774692	CRT 5631-6	A	6833130	CRT 5631-6	A
6774764	CRT 5630	A	6833131	CRT 5631-6	A
6774859	CRT 5631-6	A	6833188	CRT 5631-7	A
6774860	CRT 5631-6	A	6833367	CRT 5631-7	A
6775242	CRT 5631-7	A	6833420	CRT 5631-6	A
6775295	CRT 5631-5	A	6833441	CRT 5631-6	A
6775459	CRT 5631-6	A	6833363	CRT 5631-5	A
6775835	CRT 5631-6	A	6833590	CRT 5631-7	A

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

HIGH RANGE PLANETARY AND 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
6833591	CRT 5631-7	A	6834718	CRT 5631-6	A
6833865	CRT 5631-7	A	6834821	CRT 5631-6	A
6834186	CRT 5631-6	A	6834898	CRT 5631-6	A
6834336	CRT 5631-6	A	6835517	CRT 5631-6	A
6834337	CRT 5631-6	A	6835988	CRT 5631-6	A
6834396	CRT 5631-6	A	6836043	CRT 5631-7	A

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

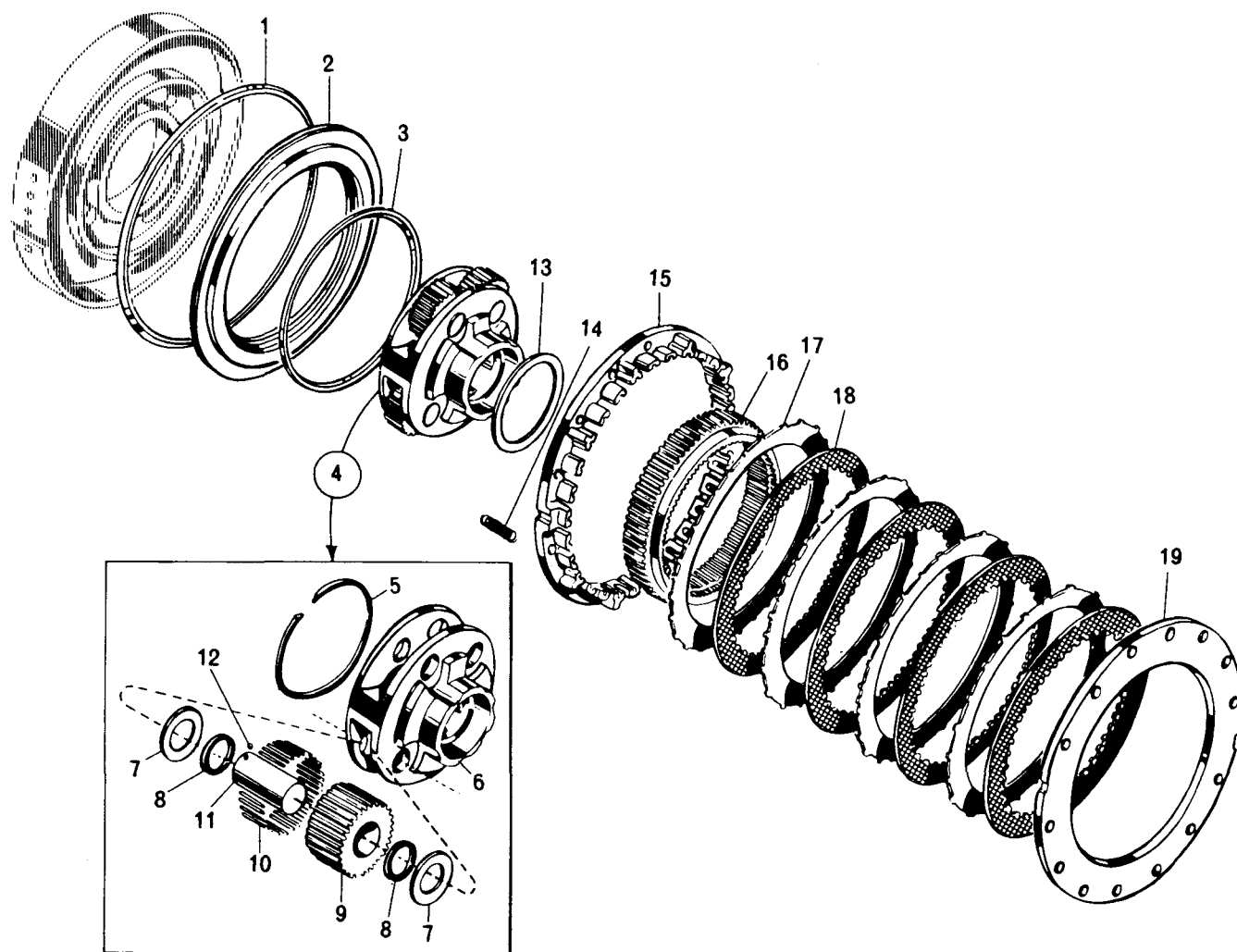


FIG 9 HIGH RANGE PLANETARY AND CLUTCH

GROUP A

HIGH RANGE PLANETARY AND CLUTCH, FIGURE 9

REF NO	NOMENCLATURE	PART NO	REQ
1	RING, LIP TYPE EXTERNAL SEAL. PRIOR TO S/N 49007 USE 6777672 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832484 LIP TYPE SEALRING SEE SPI 615.	6832484	1
2	PISTON, HIGH RANGE CLUTCH. PRIOR TO S/N 49007 . . USE 6754587. STARTING WITH S/N 49007 USE 6831034 SEE SPI 615.	6831034	1
3	RING, LIP TYPE INTERNAL SEAL. PRIOR TO S/N 49007 USE 6777673 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832486 LIP TYPE SEALRING SEE SPI 615.	6832486	1
4	CARRIER ASSY, HIGH RANGE PLANETARY	6768836	1
5	RING, SNAP	6766312	1
6	CARRIER, HIGH RANGE PLNT	6768462	1
7	WASHER, THRUST	6768759	8
8	SPACER	6769262	8
9	PINION SET MATCHED SET OF 4 PINIONS	6772881	1 SET
10	ROLLER	6756275	112
11	SPINDLE	6758540	4
12	BALL, 3/16 DIA	453606	4
13	WASHER, THRUST	6768469	1
14	SPRING, PISTON RETURN, .0895-.0935 DIA WIRE, . . .6250 OD, 38.5 TOTAL COILS	6754882	14
15	ANCHOR, HIGH RANGE CLUTCH	6769099	1
16	GEAR, HIGH RANGE RING	6768460	1
17	PLATE, HIGH CLUTCH EXTERNALLY SPLINED	6769326	4
18	PLATE, HIGH CLUTCH INTERNALLY SPLINED	6770647	4
19	PLATE, CLUTCH BACKING	6768456	1

INTERMEDIATE RANGE PLANETARY AND 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
6757512	CRT 5630-2	A	6775889	CRT 5631-3	B
6758981	CRT 5530-3	A	6775956	CRT 5631-6	B
6759722	CRT 5630-2	A	6775957	CRT 5631-6	B
6759792	CRT 5630-5	A	6775958	CRT 5631-6	B
6759799	CRT 5630-5	A	6776471	CRT 5631-6	B
6759800	CRT 5630-3	A	6776869	CRT 5631-6	B
6759808	CRT 5630-6	A	6776870	CRT 5631-6	B
6759833	CRT 5630-2	A	6777050	CRT 5631-7	B
6759980	CRT 5630-5	A	6777111	CRT 5631-7	B
6769778	CRT 5630-6	A	6777145	CRT 5631-6	B
6769926	CRT 5630-6	A	6777533	CRT 5631-6	B
6770280	CRT 5630-3	A	6778182	CRT 5631-6	B
6770378	CRT 5630-2	A	6778360	CRT 5631-7	B
6770604	CRT 5630-7	A	6778365	CRT 5631-7	B
6770680	CRT 5630-6	A	6778591	CRT 5631-7	B
6770695	CRT 5630-6	A	6779117	CRT 5631-6	B
6770992	CRT 5630-6	A	6779118	CRT 5631-6	B
6771642	CRT 5630-3	A	6779240	CRT 5631-6	B
6771643	CRT 5630-6	A	6779471	CRT 5631-6	B
6771644	CRT 5630-6	A	6830744	CRT 5631-7	B
6771691	CRT 5630-6	A	6830848	CRT 5631-6	B
6772035	CRT 5631-5	B	6830849	CRT 5631-6	B
6772706	CRT 5631-6	B	6830852	CRT 5631-6	B
6772769	CRT 5630-5	A	6830853	CRT 5631-5	B
6772820	CRT 5630-6	A	6830854	CRT 5631-6	B
6772821	CRT 5630-6	A	6830855	CRT 5631-7	B
6772878	CRT 5630-7	A	6830881	CRT 5631-7	B
6773041	CRT 5630-5	A	6831043	CRT 5631-6	B
6773143	CRT 5630-2	A	6831364	CRT 5631-8	B
6773306	CRT 5631-6	B	6831857	CRT 5631-5	B
6773915	CRT 5631-6	B	6831858	CRT 5631-6	B
6774016	CRT 5631-7	B	6832011	CRT 5631-6	B
6774088	CRT 5631-7	B	6832155	CRT 5631-6	B
6774147	CRT 5630-6	A	6832401	CRT 5631-7	B
6774148	CRT 5631-6	B	6832411	CRT 5631-6	B
6774341	CRT 5631-5	B	6832788	CRT 5631-5	B
6774498	CRT 5631-6	B	6832795	CRT 5631-6	B
6774524	CRT 5631-7	B	6832865	CRT 5631-6	B
6774584	CRT 5631-5	B	6832916	CRT 5631-7	B
6774639	CRT 5631-6	B	6832917	CRT 5631-6	B
6774640	CRT 5631-6	B	6832924	CRT 5631-7	B
6774665	CRT 5631-8	B	6832980	CRT 5631-6	B
6774692	CRT 5631-6	B	6833130	CRT 5631-6	B
6774764	CRT 5630	A	6833131	CRT 5631-6	B
6774859	CRT 5631-6	B	6833188	CRT 5631-7	B
6774860	CRT 5631-6	B	6833367	CRT 5631-7	B
6775242	CRT 5631-7	B	6833420	CRT 5631-6	B
6775295	CRT 5631-5	B	6833441	CRT 5631-6	B
6775459	CRT 5631-6	B	6833363	CRT 5631-5	B
6775835	CRT 5631-6	B	6833590	CRT 5631-7	B

CONTINUED ON NEXT PAGE

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

INTERMEDIATE RANGE PLANETARY AND 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/A*	MODEL	GROUP	A/N*	MODEL	GROUP
6833591	CRT 5631-7	B	6834718	CRT 5631-6	B
6833865	CRT 5631-7	B	6834821	CRT 5631-6	B
6834186	CRT 5631-6	B	6834898	CRT 5631-6	B
6834336	CRT 5631-6	B	6835517	CRT 5631-6	B
6834337	CRT 5631-6	B	6835988	CRT 5631-6	B
6834396	CRT 5631-6	B	6836043	CRT 5631-7	B

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

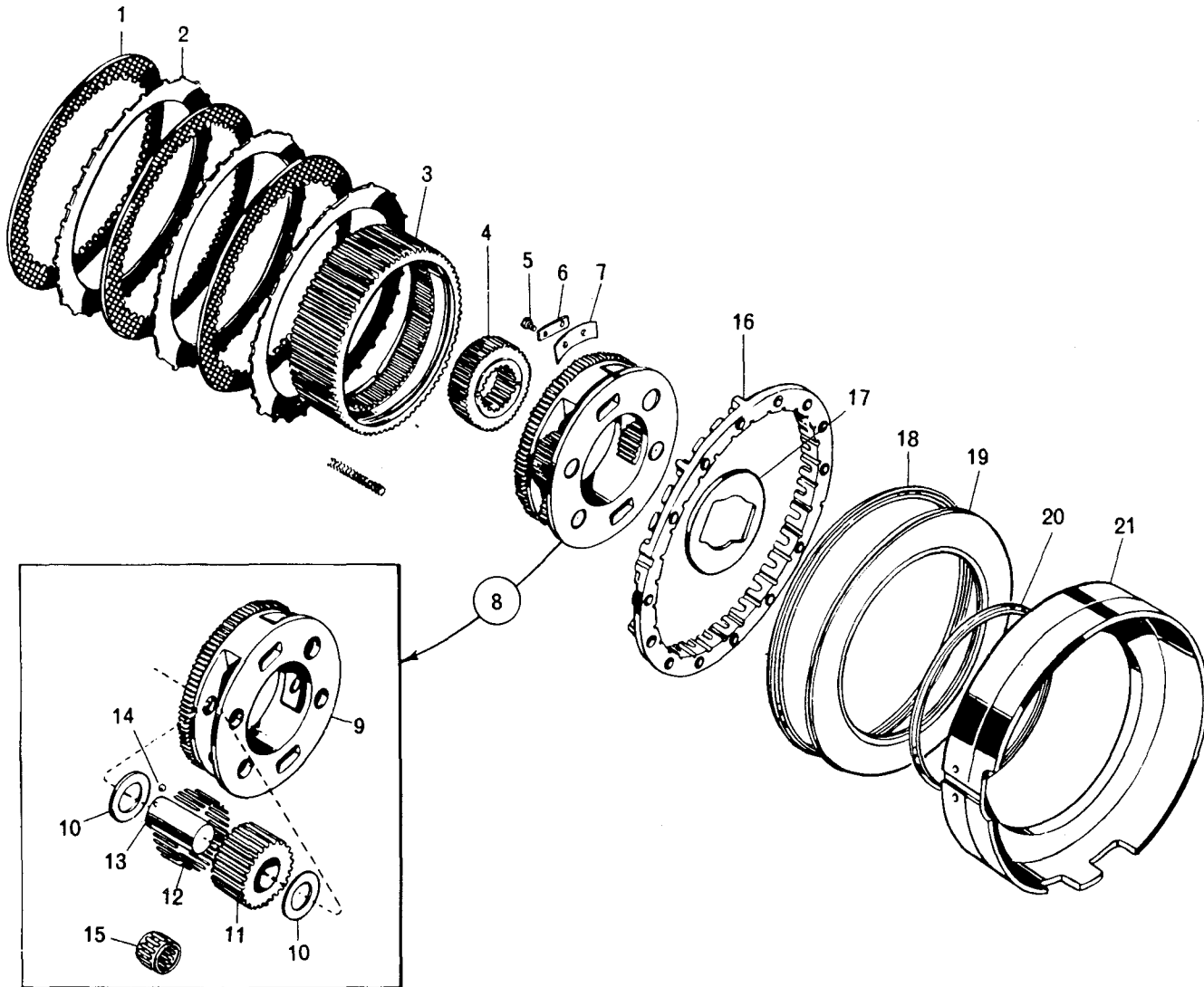


FIG 10 INTERMEDIATE RANGE PLANETARY AND CLUTCH

GROUP A

INTERMEDIATE RANGE PLANETARY AND CLUTCH, FIGURE 10

REF NC	NOMENCLATURE	PART NO	REQ
1	PLATE, INTERMEDIATE CLU INTERNALLY SPLINED . .	6770647	3
2	PLATE, INTERMEDIATE CLU EXTERNALLY SPLINED . .	6769326	3
3	GEAR, INTERMEDIATE AND LOW CLUTCH RING	6768498	1
4	GEAR, HIGH AND INTERMEDIATE RANGE SUN	6770698	1
5	BOLT, FX HD, 3/8-16 X 1/2	179833	4
6	STRIP, LOCKING	6754893	2
7	RETAINER, INTERMEDIATE CARRIER SPINDLE	6756336	2
8	CARRIER ASSY, INTERMEDIATE RANGE PLANETARY . . .	6768465	1
9	CARRIER, INTER RANGE PLNT	6768464	1
10	WASHER, THRUST	6756873	8
11	PINION SET MATCHED SET OF 4 PINIONS	6771316	1 SET
12	ROLLER	6756275	96
13	SPINDLE	6758581	4
14	BALL, 3/16	453606	4
15	NOT USED IN THIS GROUP.		
16	ANCHOR	6769098	1
17	WASHER, THRUST	6768461	1
18	RING, LIP TYPE EXTERNAL SEAL. PRIOR TO S/N 49007 USE 6777672 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832484 LIP TYPE SEALRING SEE SPI 615.	6832484	1
19	PISTON, INTERMEDIATE RANGE CLUTCH. PRIOR TO S/N . 49007 USE 6754588. STARTING WITH S/N 49007 USE 6832617 SEE SPI 615.	6832617	1
20	RING, LIP TYPE INTERNAL SEAL. PRIOR TO S/N 49007 USE 6777675 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832485 LIP TYPE SEALRING SEE SPI 615.	6832485	1
21	CYLINDER, PISTON	6755952	1

GROUP B

INTERMEDIATE RANGE PLANETARY AND CLUTCH, FIGURE 10

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

8	CARRIER ASSY, INTERMEDIATE RANGE PLANETARY . . . FOR TRANSMISSIONS THAT USE 8-POCKET STATOR CAM PRIOR TO S/N 26660 SEE SPI 527.	6774122	1
10	WASHER, THRUST	6768499	8
12	NOT USED IN THIS GROUP.		
15	BEARING, NEEDLE, TORRINGTON BN 28209	6830073	4

LOW RANGE 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
6757512	CRT 5630-2	A	6775889	CRT 5631-3	A
6758981	CRT 5530-3	B	6775956	CRT 5631-6	A
6759722	CRT 5630-2	A	6775957	CRT 5631-6	A
6759792	CRT 5630-5	A	6775958	CRT 5631-6	A
6759799	CRT 5630-5	A	6776471	CRT 5631-6	A
6759800	CRT 5630-3	A	6776865	CRT 5631-6	A
6759808	CRT 5630-6	A	6776870	CRT 5631-6	A
6759833	CRT 5630-2	A	6777050	CRT 5631-7	A
6759980	CRT 5630-5	A	6777111	CRT 5631-7	A
6765778	CRT 5630-6	A	6777145	CRT 5631-6	A
6765926	CRT 5630-6	A	6777533	CRT 5631-6	A
6770280	CRT 5630-3	A	6778182	CRT 5631-6	A
6770378	CRT 5630-2	A	6778360	CRT 5631-7	A
6770604	CRT 5630-7	A	6778365	CRT 5631-7	A
6770680	CRT 5630-6	A	6778551	CRT 5631-7	A
6770695	CRT 5630-6	A	6779117	CRT 5631-6	A
6770992	CRT 5630-6	A	6779118	CRT 5631-6	A
6771642	CRT 5630-3	A	6779240	CRT 5631-6	A
6771643	CRT 5630-6	A	6779471	CRT 5631-6	A
6771644	CRT 5630-6	A	6830744	CRT 5631-7	A
6771691	CRT 5630-6	A	6830848	CRT 5631-6	A
6772035	CRT 5631-5	A	6830849	CRT 5631-6	A
6772706	CRT 5631-6	A	6830852	CRT 5631-6	A
6772769	CRT 5630-5	A	6830853	CRT 5631-5	A
6772820	CRT 5630-6	A	6830854	CRT 5631-6	A
6772821	CRT 5630-6	A	6830855	CRT 5631-7	A
6772878	CRT 5630-7	A	6830881	CRT 5631-7	A
6773041	CRT 5630-5	A	6831043	CRT 5631-6	A
6773143	CRT 5630-2	A	6831364	CRT 5631-8	A
6773306	CRT 5631-6	A	6831857	CRT 5631-5	A
6773915	CRT 5631-6	A	6831858	CRT 5631-6	A
6774016	CRT 5631-7	A	6832011	CRT 5631-6	A
6774088	CRT 5631-7	A	6832155	CRT 5631-6	A
6774147	CRT 5630-6	A	6832401	CRT 5631-7	A
6774148	CRT 5631-6	A	6832411	CRT 5631-6	A
6774341	CRT 5631-5	A	6832788	CRT 5631-5	A
6774498	CRT 5631-6	A	6832755	CRT 5631-6	A
6774524	CRT 5631-7	A	6832865	CRT 5631-6	A
6774584	CRT 5631-5	A	6832916	CRT 5631-7	A
6774639	CRT 5631-6	A	6832917	CRT 5631-6	A
6774640	CRT 5631-6	A	6832924	CRT 5631-7	A
6774665	CRT 5631-8	A	6832980	CRT 5631-6	A
6774692	CRT 5631-6	A	6833130	CRT 5631-6	A
6774764	CRT 5630	A	6833131	CRT 5631-6	A
6774859	CRT 5631-6	A	6833188	CRT 5631-7	A
6774860	CRT 5631-6	A	6833367	CRT 5631-7	A
6775242	CRT 5631-7	A	6833420	CRT 5631-6	A
6775295	CRT 5631-5	A	6833441	CRT 5631-6	A
6775459	CRT 5631-6	A	6833363	CRT 5631-5	A
6775835	CRT 5631-6	A	6833590	CRT 5631-7	A

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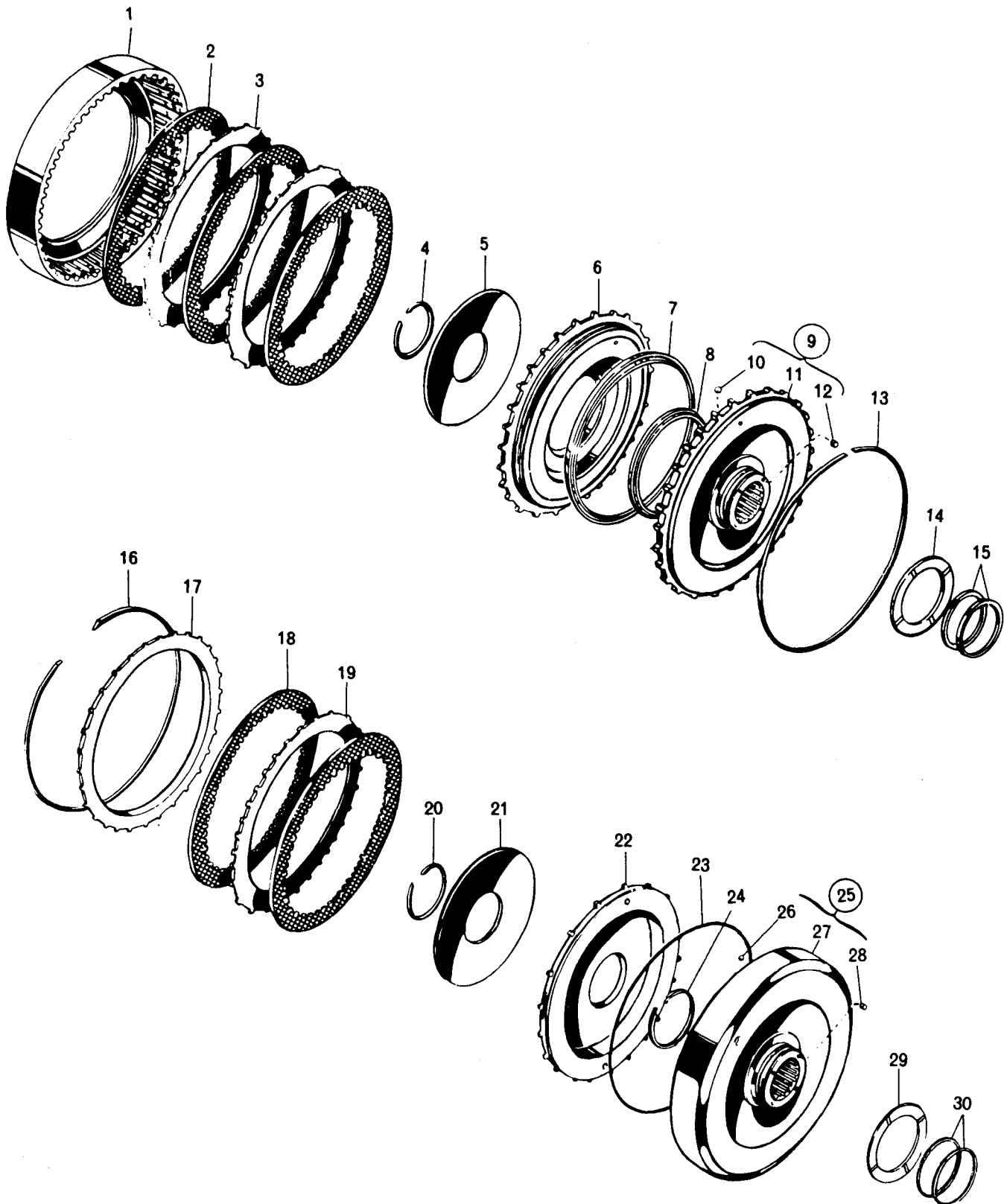
* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

LOW RANGE 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
6833591	CRT 5631-7	A	6834718	CRT 5631-6	A
6833865	CRT 5631-7	A	6834821	CRT 5631-6	A
6834186	CRT 5631-6	A	6834898	CRT 5631-6	A
6834336	CRT 5631-6	A	6835517	CRT 5631-6	A
6834337	CRT 5631-6	A	6835988	CRT 5631-6	A
6834396	CRT 5631-6	A	6836043	CRT 5631-7	A

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



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FIG 11 LOW RANGE CLUTCH

GROUP A

LOW RANGE CLUTCH, FIGURE 11

REF NC	NOMENCLATURE	PART NO	REQ
1	DRUM, LCW RANGE CLUTCH BACKING	6777814	1
2	PLATE, LCW CLUTCH INTERNAL SPLINED	6770647	3
3	PLATE, LCW CLUTCH EXTERNAL SPLINED	6769326	2
4	RING, EXTERNAL SNAP, 3.501 ID	6756041	1
5	SPRING, BELLEVILLE PISTON RETURN	6756042	1
6	PISTON, LOW RANGE CLUTCH. PRIOR TO S/N 49007 USE 6769235. STARTING WITH S/N 49007 USE 6832620 SEE SPI 615.	6832620	1
7	RING, LIP TYPE EXTERNAL SEAL. PRIOR TO S/N 49007 USE 6777676 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832621 LIP TYPE SEALRING SEE SPI 615.	6832621	1
8	RING, LIP TYPE EXTERNAL SEAL. PRIOR TO S/N 49007 USE 6777677 SEAL AND EXPANDER KIT. STARTING WITH S/N 49007 USE 6832622 LIP TYPE SEALRING SEE SPI 615	6832622	1
9	HUB ASSY, LCW RANGE CLUTCH. PRIOR TO S/N 49007 USE 6770729. STARTING WITH S/N 49007 USE 6832717 SEE SPI 615.	6832717 *	1
10	BALL, 5/16 DIA	145641 *	1
11	HUB	6832716 *	1
12	DOWEL	6777242 *	4
13	RING, SNAP, 16.650 DIA	6769596	1
14	WASHER, THRUST	6756027	1
15	RING, STEP JOINT TEFLON	6774721	2
16-30	NOT USED IN THIS GROUP.		

GROUP B

LOW RANGE CLUTCH, FIGURE 11

1-15	NCT USED IN THIS GROUP.		
16	RING, SNAP	6755100	1
17	PLATE, LCW RANGE CLUTCH BACKING	6770848	1
18	PLATE, LCW CLUTCH INTERNALLY SPLINED	6770647	2
19	PLATE, LCW CLUTCH EXTERNALLY SPLINED	6769326	1
20	RING, EXTERNAL SNAP, 3.501 ID	6756041	1
21	SPRING, BELLEVILLE PISTON RETURN	6756042	1
22	PISTON, LOW RANGE CLUTCH	6768561	1
23	RING, SEAL	6758308	1
24	RING, HCK TYPE SEAL	6759413	1
25	DRUM ASSY, LOW RANGE CLUTCH	6768493	1
26	BALL, 5/16 DIA	145641 *	1
27	DRUM, LOW RANGE CLUTCH	6768466 *	1
28	DOWEL	6777242 *	4
29	WASHER, THRUST	6756027	1
30	RING, HCK TYPE SEAL	6759413	2

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

MAIN HOUSING 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
6757512	CRT 5630-2	C	6775889	CRT 5631-3	D
6758981	CRT 5530-3	B	6775956	CRT 5631-6	D
6759722	CRT 5630-2	A	6775957	CRT 5631-6	D
6759792	CRT 5630-5	A	6775958	CRT 5631-6	D
6759799	CRT 5630-5	B	6776471	CRT 5631-6	D
6759800	CRT 5630-3	B	6776865	CRT 5631-6	D
6759808	CRT 5630-6	B	6776870	CRT 5631-6	D
6759833	CRT 5630-2	A	6777050	CRT 5631-7	H
6759980	CRT 5630-5	A	6777111	CRT 5631-7	F
6765778	CRT 5630-6	A	6777145	CRT 5631-6	D
6765926	CRT 5630-6	A	6777533	CRT 5631-6	D
6770280	CRT 5630-3	A	6778182	CRT 5631-6	D
6770378	CRT 5630-2	A	6778360	CRT 5631-7	G
6770604	CRT 5630-7	E	6778365	CRT 5631-7	H
6770680	CRT 5630-6	A	6778591	CRT 5631-7	G
6770695	CRT 5630-6	A	6779117	CRT 5631-6	D
6770992	CRT 5630-6	A	6779118	CRT 5631-6	D
6771642	CRT 5630-3	A	6779240	CRT 5631-6	D
6771643	CRT 5630-6	A	6779471	CRT 5631-6	D
6771644	CRT 5630-6	A	6830744	CRT 5631-7	F
6771691	CRT 5630-6	A	6830848	CRT 5631-6	D
6772035	CRT 5631-5	D	6830849	CRT 5631-6	D
6772706	CRT 5631-6	D	6830852	CRT 5631-6	D
6772769	CRT 5630-5	A	6830853	CRT 5631-5	D
6772820	CRT 5630-6	A	6830854	CRT 5631-6	D
6772821	CRT 5630-6	A	6830855	CRT 5631-7	J
6772878	CRT 5630-7	E	6830881	CRT 5631-7	F
6773041	CRT 5630-5	A	6831043	CRT 5631-6	D
6773143	CRT 5630-2	A	6831364	CRT 5631-8	K
6773306	CRT 5631-6	D	6831857	CRT 5631-5	D
6773915	CRT 5631-6	D	6831858	CRT 5631-6	D
6774016	CRT 5631-7	F	6832011	CRT 5631-6	D
6774088	CRT 5631-7	G	6832155	CRT 5631-6	D
6774147	CRT 5630-6	A	6832401	CRT 5631-7	H
6774148	CRT 5631-6	D	6832411	CRT 5631-6	D
6774341	CRT 5631-5	D	6832788	CRT 5631-5	D
6774498	CRT 5631-6	C	6832795	CRT 5631-6	D
6774524	CRT 5631-7	F	6832865	CRT 5631-6	D
6774584	CRT 5631-5	D	6832916	CRT 5631-7	H
6774639	CRT 5631-6	D	6832917	CRT 5631-6	E
6774640	CRT 5631-6	D	6832924	CRT 5631-7	H
6774665	CRT 5631-8	D	6832980	CRT 5631-6	D
6774692	CRT 5631-6	C	6833130	CRT 5631-6	D
6774764	CRT 5630	A	6833131	CRT 5631-6	D
6774859	CRT 5631-6	D	6833188	CRT 5631-7	H
6774860	CRT 5631-6	C	6833367	CRT 5631-7	J
6775242	CRT 5631-7	F	6833420	CRT 5631-6	D
6775295	CRT 5631-5	C	6833441	CRT 5631-6	D
6775459	CRT 5631-6	D	6833363	CRT 5631-5	D
6775835	CRT 5631-6	C	6833590	CRT 5631-7	G

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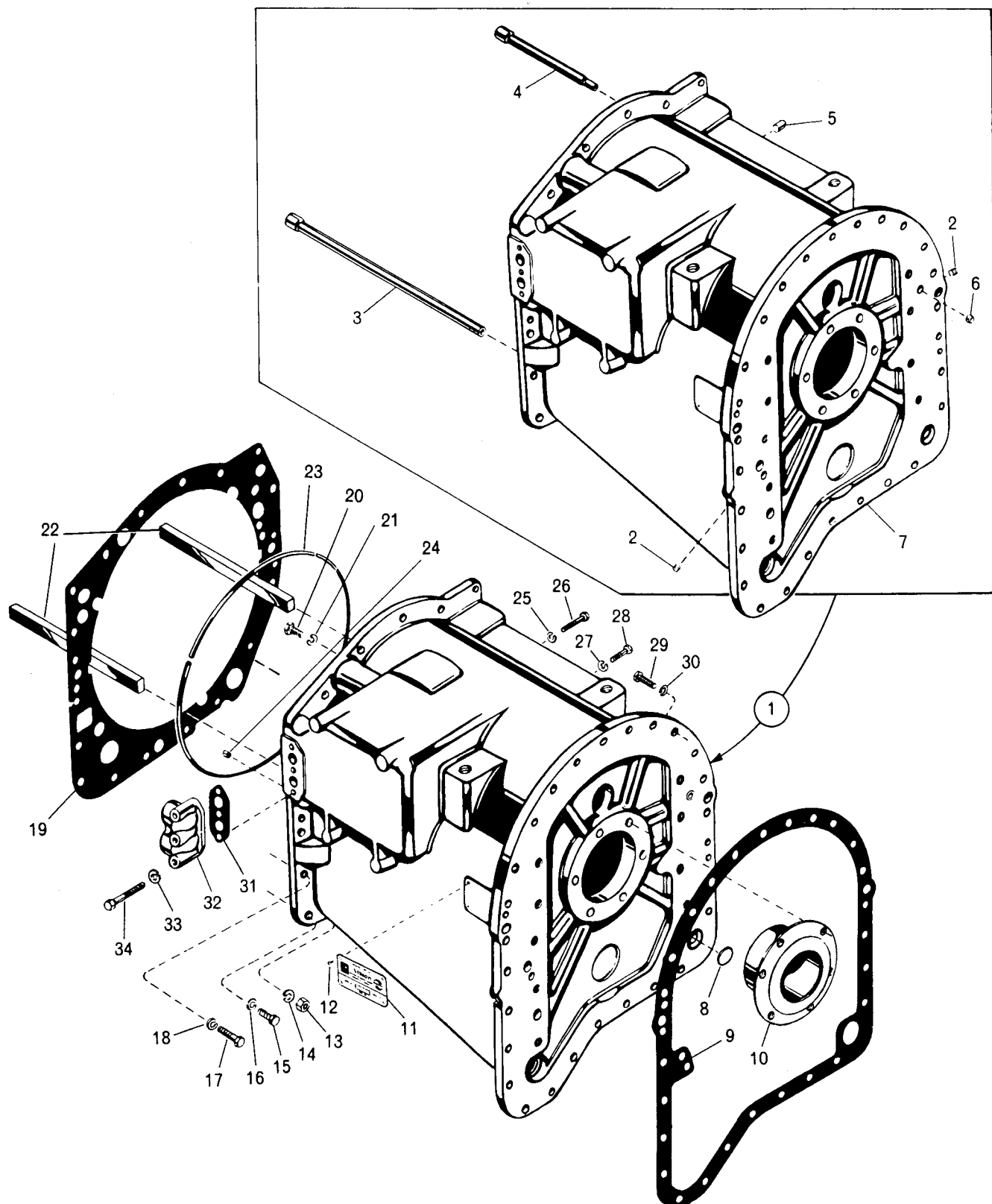
* A/N* - ASSEMBLY NUMBER - FOUND ON YOUR TRANSMISSION NAMEPLATE

MAIN HOUSING 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
6833591	CRT 5631-7	C	6834718	CRT 5631-6	D
6833865	CRT 5631-7	H	6834821	CRT 5631-6	D
6834186	CRT 5631-6	C	6834898	CRT 5631-6	D
6834336	CRT 5631-6	D	6835517	CRT 5631-6	D
6834337	CRT 5631-6	D	6835988	CRT 5631-6	D
6834396	CRT 5631-6	C	6836043	CRT 5631-7	F

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



4848A

FIG 12 MAIN HOUSING

GROUP A

MAIN HOUSING, FIGURE 12

REF NC	NOMENCLATURE	PART NO	REQ
1	HOUSING ASSY, TRANSMISSION	6773520	1
2	PLUG, PIPE, 3/8	444660	2
3	TUBE, OIL TRANSFER PUSH START PUMP	6756057	1
4	TUBE, OIL PUMP PRESSURE	6756318	1
5	PIN	141275	1
6	PLUG, CUPPED TYPE EXPANSION	6762187	1
7	HOUSING, TRANSMISSION	6768737 *	1
8	RING, SEAL PRIOR TO S/N 26374 USE 6760265	6760265	1
	STARTING WITH S/N 26374 DELETE 6760265		
9	GASKET PRIOR TO S/N 26374 USE 6756342.	6773518	1
	STARTING WITH S/N 26374 USE 6773518		
10	HUB, OIL TRANSFER	6757541	1
11	PLATE, TRANSMISSION NAME	6832907	1
12	SCREW, DRIVE, NO 4 X 1/4	142862	4
13	NUT, 1/2-20	103028	3
14	WASHER, LOCK, 1/2	103323	3
15	BOLT, 1/2-13 X 1 1/2 MAIN HSG TO CONVERTER	179885	15
	HSG		
16	WASHER, LOCK, 1/2	103323	16
17-18	NOT USED IN THIS GROUP.		
19	GASKET, TRANS HOUSING	6756311	1
20	BOLT, 1/2-13 X 1 3/4 OIL TRANSFER HUB, TRANS	179887	6
	HOUSING		
21	WASHER, LOCK, 1/2	103323	6
22	KEY, .625 X .4375 X 12.56 LONG	6756089	2
23	RING, COMPRESSION, 1/8 COPPER TUBING	6769721	1
24	NOT USED IN THIS GROUP.		
25	WASHER, LOCK, 3/8	103321	1
26	BOLT, 3/8-16 X 4, DIAPHRAGM RETAINING	186285	1
27	WASHER, LOCK, 3/8	103321	1
28	BOLT, 3/8-16 X 2 1/4, LOW CYLINDER RETAINING	179848	1
29	BOLT, 1/2-13 X 1 1/2	179885	27
30	WASHER, LOCK, 1/2	103323	27
31	GASKET	5175953	1
32	MANIFOLD, COOLER CIL	6756153	1
33	WASHER, LOCK, 7/16	103322	3
34	BOLT, 7/16-14 X 3 1/4	179871	3

GROUP B

MAIN HOUSING, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

11	PLATE, TRANSMISSION NAME	9226288	1
15	BOLT, 1/2-13 X 1 1/2	179885	16

GROUP C

MAIN HOUSING, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	HOUSING ASSY, TRANSMISSION	6757595	1
7	HOUSING, TRANSMISSION	6757601 *	1
8	RING, SEAL	6760265	1
9	GASKET	6756342	1

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP D

MAIN HOUSING, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
1	HOUSING ASSY, TRANSMISSION	6773521	1
7	HOUSING, TRANSMISSION	6772074 *	1
15	BOLT, HX HD, 1/2-13 X 1 1/2 MAIN HOUSING TO . .	179885	2
	CONVERTER HOUSING		
16	WASHER, LOCK, 1/2	103323	2
17	BOLT, HX HD, 1/2-13 X 2 MAIN HOUSING TO	179889	13
	CONVERTER HOUSING		
18	WASHER, LOCK, 1/2	103323	13
24	PIN, SPRING FWD CLUTCH PISTON CYLINDER TO . . .	6769347	1
	TRANSMISSION HOUSING		

GROUP E

MAIN HOUSING, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

10	HUB, OIL TRANSFER	6756023	1
20	BOLT, 1/2-13 X 2 OIL TRANSFER HUB TO TRNS . . .	179889	6
	HOUSING		

GROUP F

MAIN HOUSING, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	HOUSING ASSY, TRANSMISSION	6773521	1
7	HOUSING, TRANSMISSION	6772074 *	1
10	HUB, OIL TRANSFER	6756023	1
15	BOLT, HX HD, 1/2-13 X 1 1/2 MAIN HOUSING TO . .	179885	2
	CONVERTER HOUSING		
16	WASHER, LOCK, 1/2	103323	2
17	BOLT, HX HD, 1/2-13 X 2 MAIN HOUSING TO	179889	13
	CONVERTER HOUSING		
18	WASHER, LOCK, 1/2	103323	13
20	BOLT, HX HD, 1/2-13 X 2 OIL TRANSFER HUB TO . .	179889	6
	TRANSMISSION HOUSING		
24	PIN, SPRING FWD CLUTCH PISTON CYLINDER TO . . .	6769347	1
	TRANSMISSION HOUSING		
29-30	NOT USED IN THIS GROUP.		

GROUP G

MAIN HOUSING, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	HOUSING ASSY, TRANSMISSION	6773521	1
7	HOUSING, TRANSMISSION	6772074 *	1
10	HUB, OIL TRANSFER	6774093	1
15	BOLT, HX HD, 1/2-13 X 1 1/2 MAIN HOUSING TO . . .	179885	2
	CONVERTER HOUSING		
16	WASHER, LOCK, 1/2	103323	2
17	BOLT, HX HD, 1/2-13 X 2 MAIN HOUSING TO	179889	13
	CONVERTER HOUSING		

CONTINUED ON NEXT PAGE

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP G CONT

MAIN HOUSING, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NO	NOMENCLATURE	PART NO	REQ
18	WASHER, LOCK, 1/2	103323	13
20	BOLT, HX HD, 1/2-13 X 2 OIL TRANSFER HUB TO	179889	6
	TRANSMISSION HOUSING		
24	PIN, SPRING FWD CLUTCH PISTON CYLINDER TO	6769347	1
	TRANSMISSION HOUSING		
29-30	NOT USED IN THIS GROUP.		

GROUP H

MAIN HOUSING, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	HOUSING ASSY, TRANSMISSION	6773521	1
7	HOUSING, TRANSMISSION	6772074 *	1
10	HUB, OIL TRANSFER	6774093	1
15	BOLT, HX HD, 1/2-13 X 1 1/2 MAIN HOUSING TO	179885	2
	CONVERTER HOUSING		
16	WASHER, LOCK, 1/2	103323	2
17	BOLT, HX HD, 1/2-13 X 2 MAIN HOUSING TO	179889	13
	CONVERTER HOUSING		
18	WASHER, LOCK, 1/2	103323	13
20	BOLT, 1/2-13 X 2 OIL TRANSFER	179889	6
	HUB TC TRANS HOUSING		
24	PIN, SPRING FWD CLUTCH PISTON CYLINDER TO	6769347	1
	TRANSMISSION HOUSING		

GROUP J

MAIN HOUSING, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	HOUSING ASSY, TRANSMISSION	6773521	1
7	HOUSING, TRANSMISSION	6772074 *	1
10	HUB, OIL TRANSFER	6756023	1
15	BOLT, HX HD, 1/2-13 X 1 1/2 MAIN HOUSING TO	179885	2
	CONVERTER HOUSING		
16	WASHER, LOCK, 1/2	103323	2
17	BOLT, HX HD, 1/2-13 X 2 MAIN HOUSING TO	179889	13
	CONVERTER HOUSING		
18	WASHER, LOCK, 1/2	103323	13
20	BOLT, 1/2-13 X 2 OIL TRANSFER	179889	6
	HUB TC TRANS HOUSING		
24	PIN, SPRING FWD CLUTCH PISTON CYLINDER TO	6769347	1
	TRANSMISSION HOUSING		

GROUP K

MAIN HOUSING, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

1	HOUSING ASSY, TRANSMISSION	6773521	1
7	HOUSING, TRANSMISSION	6772074 *	1
15	BOLT, HX HD, 1/2-13 X 1 1/2 MAIN HOUSING TO	179885	2
	CONVERTER HOUSING		

CONTINUED ON NEXT PAGE

* SERVICED AS AN ASSY - NOT AS A DETAIL PART

GROUP K CONT

MAIN HOUSING, FIGURE 12

SAME AS GROUP A, EXCEPT FOR PARTS LISTED BELOW.

REF NC	NOMENCLATURE	PART NO	REQ
16	WASHER, LOCK, 1/2	103323	2
17	BOLT, HEX HD, 1/2-13 X 2 MAIN HOUSING TO CONVERTER HOUSING	179889	13
18	WASHER, LOCK, 1/2	103323	13
24	PIN, SPRING FWD CLUTCH PISTON CYLINDER TO TRANSMISSION HOUSING	6769347	1
29-30	NOT USED IN THIS GROUP.		

ACCESSORY DRIVE, INPUT DRIVEN CHARGING AND SCAVENGE OIL PUMP 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
6757512	CRT 5630-2	A	6775889	CRT 5631-3	B
6758981	CRT 5530-3	A	6775956	CRT 5631-6	B
6759722	CRT 5630-2	A	6775957	CRT 5631-6	B
6759792	CRT 5630-5	A	6775958	CRT 5631-6	B
6755759	CRT 5630-5	A	6776471	CRT 5631-6	A
6759800	CRT 5630-3	A	6776869	CRT 5631-6	B
6759808	CRT 5630-6	A	6776870	CRT 5631-6	A
6759833	CRT 5630-2	A	6777050	CRT 5631-7	A
6759580	CRT 5630-5	A	6777111	CRT 5631-7	B
6765778	CRT 5630-6	A	6777145	CRT 5631-6	B
6769526	CRT 5630-6	A	6777533	CRT 5631-6	B
6770280	CRT 5630-3	A	6778182	CRT 5631-6	A
6770378	CRT 5630-2	A	6778360	CRT 5631-7	A
6770604	CRT 5630-7	A	6778365	CRT 5631-7	A
6770680	CRT 5630-6	B	6778591	CRT 5631-7	A
6770695	CRT 5630-6	A	6779117	CRT 5631-6	B
6770592	CRT 5630-6	A	6779118	CRT 5631-6	B
6771642	CRT 5630-3	A	6779240	CRT 5631-6	B
6771643	CRT 5630-6	A	6779471	CRT 5631-7	A
6771644	CRT 5630-6	A	6830744	CRT 5631-7	B
6771651	CRT 5630-6	A	6830848	CRT 5631-6	B
6772035	CRT 5631-5	A	6830849	CRT 5631-6	B
6772706	CRT 5631-6	A	6830852	CRT 5631-6	B
6772769	CRT 5630-5	A	6830853	CRT 5631-5	A
6772820	CRT 5630-6	A	6830854	CRT 5631-6	B
6772821	CRT 5630-6	A	6830855	CRT 5631-7	B
6772878	CRT 5630-7	A	6830881	CRT 5631-7	B
6773041	CRT 5630-5	B	6831043	CRT 5631-6	A
6773143	CRT 5630-2	A	6831364	CRT 5631-8	A
6773306	CRT 5631-6	B	6831857	CRT 5631-5	A
6773915	CRT 5631-6	B	6831858	CRT 5631-6	A
6774016	CRT 5631-7	A	6832011	CRT 5631-6	A
6774088	CRT 5631-7	A	6832155	CRT 5631-6	A
6774147	CRT 5630-6	A	6832401	CRT 5631-7	A
6774148	CRT 5631-6	A	6832411	CRT 5631-6	A
6774341	CRT 5631-5	B	6832788	CRT 5631-5	A
6774498	CRT 5631-6	A	6832755	CRT 5631-6	A
6774524	CRT 5631-7	B	6832665	CRT 5631-6	A
6774584	CRT 5631-5	A	6832916	CRT 5631-7	A
6774639	CRT 5631-6	A	6832917	CRT 5631-6	B
6774640	CRT 5631-6	A	6832924	CRT 5631-7	A
6774665	CRT 5631-8	A	6832980	CRT 5631-6	B
6774692	CRT 5631-6	A	6833130	CRT 5631-6	A
6774764	CRT 5630	A	6833131	CRT 5631-6	B
6774859	CRT 5631-6	B	6833188	CRT 5631-7	A
6774860	CRT 5631-6	A	6833367	CRT 5631-7	B
6775242	CRT 5631-7	B	6833420	CRT 5631-6	B
6775295	CRT 5631-5	A	6833441	CRT 5631-6	A
6775459	CRT 5631-6	A	6833363	CRT 5631-5	B
6775835	CRT 5631-6	A	6833590	CRT 5631-7	A

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

ACCESSORY DRIVE, INPUT DRIVEN CHARGING AND SCAVENGE OIL PUMP SECTION

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6833591	CRT 5631-7	A	6834718	CRT 5631-6	A
6833865	CRT 5631-7	A	6834821	CRT 5631-6	A
6834186	CRT 5631-6	B	6834898	CRT 5631-6	A
6834336	CRT 5631-6	A	6835517	CRT 5631-6	A
6834337	CRT 5631-6	A	6835988	CRT 5631-6	A
6834396	CRT 5631-6	A	6836043	CRT 5631-7	B

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