

Serial No. 150  
Page 1 of 1  
January 13, 1955

SUBJECT: TORQMATIC CONVERTER - TC-200 SERIES - ALL  
MODELS - RELEASE OF SEAL RING P/N 3713622  
TO REPLACE SEAL RING P/N 3702082.

In order to assure a better seal between the Converter Pump Assembly P/N 6756519 and the Gear and Cover Assembly P/N 6755221, the round section Seal Ring P/N 3702082 has been replaced by a square section Seal Ring P/N 3713622. This change became effective with Torqmatic Converter Serial Number 6058. The following list of TC-200 Series Torqmatic Converters also incorporate the square section Seal Ring P/N 3713622:

S/N	S/N
4790	5392
5102	5476
5343	5637
5387	5651

The square section Seal Ring places more sealing material between the two parts thereby giving more press on the seal, thus assuring a better seal.

The possibility of a pinched or out of position seal is eliminated with the square section Seal Ring. Some difficulty was encountered with the round section Seal Ring which would often roll off the lip of the cover at time of assembly.

**Spare Parts Information:**

It is recommended that all stock of the P/N 3702082 Seal Ring be scrapped and new P/N 3713622 Seal Ring ordered.

Service Manager - Transmission

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Page No. 1 of 4  
April 20, 1955

**SUBJECT: TORQMATIC CONVERTER - TC-300 SERIES - ALL  
MODELS - REPLACING SINGLE ROW CONVERTER  
PUMP BEARING P/N 903209 WITH A DOUBLE ROW  
ANGULAR CONTACT BEARING P/N 905209 FOR  
INCREASED BEARING LIFE.**

As a product improvement, we are announcing the release of an angular contact double row ball Bearing P/N 905209 which replaces the single row ball Bearing P/N 903209.

The double row ball bearing will have a longer life than the single row ball bearing, which will also increase the life of related parts. Therefore, it is recommended that when replacement of the Bearing P/N 903209 is necessary, the new Bearing P/N 905209 should be used. This change was effective with subject Torqmatic Converter Serial No. 7144. NOTE: This bearing will be replaced by double row ball Bearing P/N 6757374 effective with Serial No. 7256.

Parts affected by the release of the new bearing and an explanation of interchangeability of old and new parts are listed below:

1. The following parts were released or cancelled (as noted) by the release of the new bearing:

<u>Parts Released</u>	<u>Part Name</u>	<u>Parts Cancelled</u>	<u>Quan. Per Unit</u>
6757634	Retainer - Bearing	6755803	1
6757605	Hub - Converter Pump	6754519	1
6757621	Pump Assy. - Charging Oil	6754550	1
6757599	Sleeve - Converter Ground	6754528	1
905209	Bearing - Conv. Pump Hub	903209	1
	Spacer	6755896	1
6757698	Shim		1
6757699	Shim		1

2. Installing the new double row ball Bearing P/N 905209 in units presently using the single row ball Bearing P/N 903209 and retaining the old converter pump Hub P/N 6754519 and converter ground sleeve P/N 6754528.

- 2.1 In order to use the new bearing in units before S/N 7144 , two (2) Shims P/N 6757698 and 6757699 were released. Proper use of these shims with the new bearing is as directed below.
  - 2.1.1 When installing a new Bearing P/N 905209 in the converter pump Hub P/N 6754519, use one (1) Shim P/N 6757699 between the bearing outer race and bearing shoulder in the converter pump hub. The other Shim P/N 6757698 is used between the bearing inner race and bearing shoulder on the converter ground Sleeve P/N 6754528. (See sketch).
  - 2.1.2 Use the new bearing Retainer P/N 6757634 (old Retainer P/N 6755803 cannot be used with the new bearing).
  - 2.1.3 With use of the new bearing, the Spacer P/N 6755896 is not required.
3. Installing the new bearing with a new converter pump Hub P/N 6757605 and old converter Ground Sleeve P/N 6754528.
  - 3.1 The new bearing may be used with a new converter pump hub and old converter ground sleeve by using one (1) Shim P/N 6757698 between the bearing inner race and bearing shoulder on the converter ground sleeve.
  - 3.2 Caution: Do not use Shim P/N 6757699 between bearing outer race and bearing shoulder in converter pump hub.
  - 3.3 Use new bearing Retainer P/N 6757634 - Spacer P/N 6755896 is not required.
4. Installing new bearing with a new converter ground Sleeve P/N 6757599 and old converter pump Hub P/N 6754519.
  - 4.1 The new bearing may be used with a new converter ground sleeve and old converter pump hub by using one (1) Shim P/N 6757699 between the bearing outer race and bearing shoulder on the converter pump hub.

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April 20, 1955

- 4.2 Caution: Do not use Shim P/N 6757698 between bearing inner race and bearing shoulder on converter ground sleeve.
- 4.3 Use new bearing Retainer P/N 6757634 - Spacer P/N 6755896 is not required.
- 5. It should be noted that the Shims P/N 6757698 and 6757699 are used with the new bearing only in units using old and new parts together (new bearing, old sleeve and hub; new bearing, new sleeve and old hub; new bearing, old sleeve and new hub): the shims are not required in units using the new bearing when a new hub and ground sleeve are also used.

**Spare Parts Information:**

All spare parts presently in stock should be used. Wherever possible, the new double row ball bearing should be used as directed above.

A stock of service parts will be maintained on the Shims P/N 6757698 and P/N 6757699.

**Service Manager - Transmissions**

SECTIONAL VIEW OF  
CONVERTER SHOWING  
USE OF NEW DOUBLE  
ROY BALL BEARING

CONVERTER PUMP

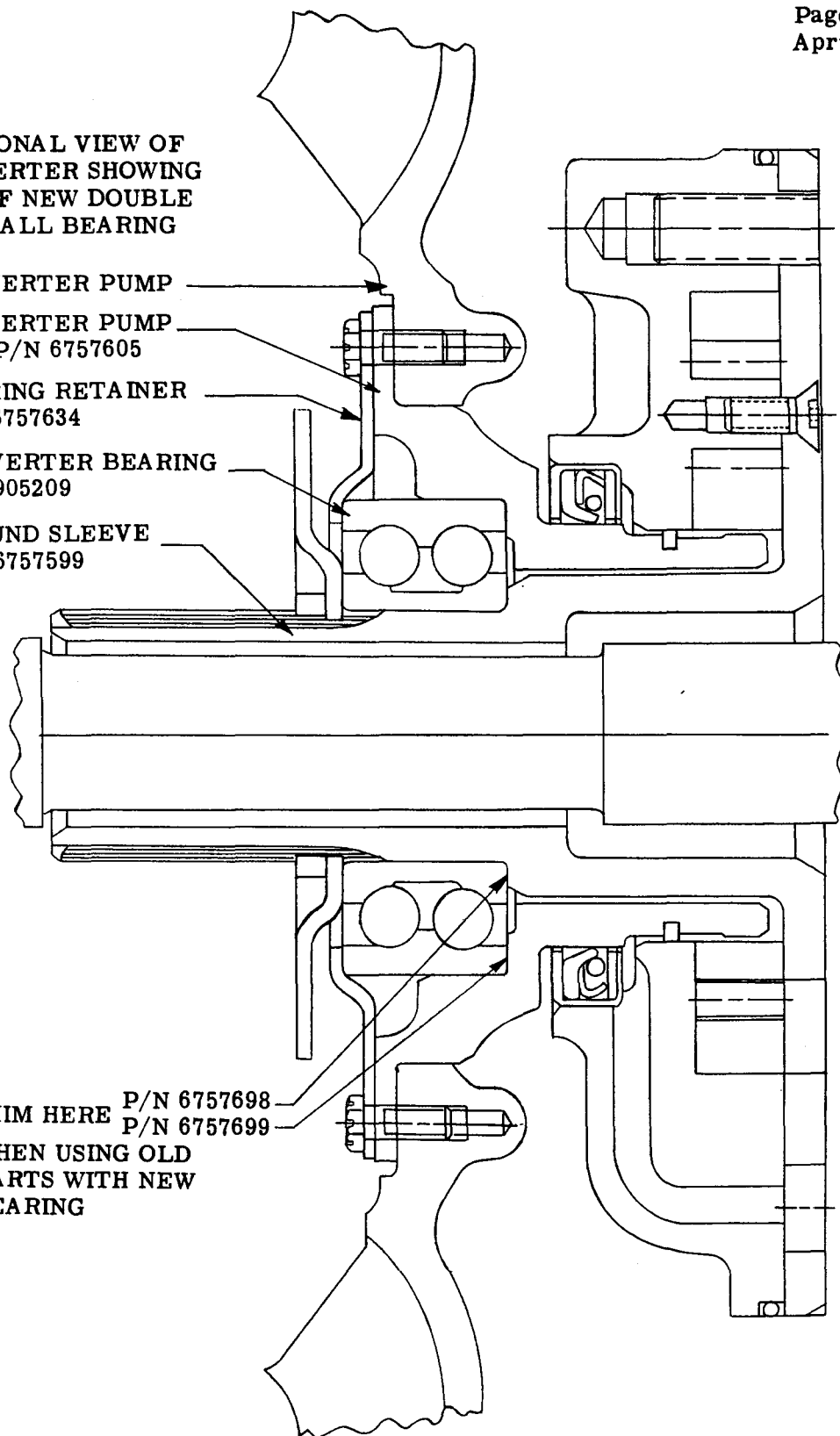
CONVERTER PUMP  
HUB P/N 6757605

BEARING RETAINER  
P/N 6757634

CONVERTER BEARING  
P/N 905209

GROUND SLEEVE  
P/N 6757599

SHIM HERE P/N 6757698  
P/N 6757699  
WHEN USING OLD  
PARTS WITH NEW  
BEARING



Note: This letter supersedes and  
replaces pages 1 and 2 of S.I.L.  
#161 dated March 21, 1955.

Serial No. 161  
Page 1 of 2  
March 21, 1955  
Rev. "A" 9-23-55

SUBJECT: TORQMATIC CONVERTER - TC-200 & 300 SERIES -  
ALL MODELS - ADDITION OF TWO (2) SCREWS  
P/N 113998 TO RETAIN CONVERTER ASSEMBLY  
WHEN REAR BEARING RETAINER OR HOUSING IS  
REMOVED.

Effective with Torqmatic Converter TC-200 Series Serial No. 9357  
and Torqmatic Converter TC-300 Series Serial No. 7626, two (2)  
flat head screws P/N 113998 have been added to hold the converter  
assembly together when the eight (8) bearing retainer, bearing  
housing or rear disconnect housing bolts are removed.

In order to accomplish this, two (2) 9/32" holes were drilled (on the  
horizontal center line) through the converter housing P/N 6757729.  
Mating holes in adjacent parts are drilled as listed below:

TC-200

1. Through the gasket P/N 6756872.
2. Drilled and tapped into the oil pump adapter P/N 6754968.

TC-300

1. Drilled through the converter ground sleeve P/N 6754528.
2. Drilled and tapped into the charging oil pump body  
P/N 6753884.

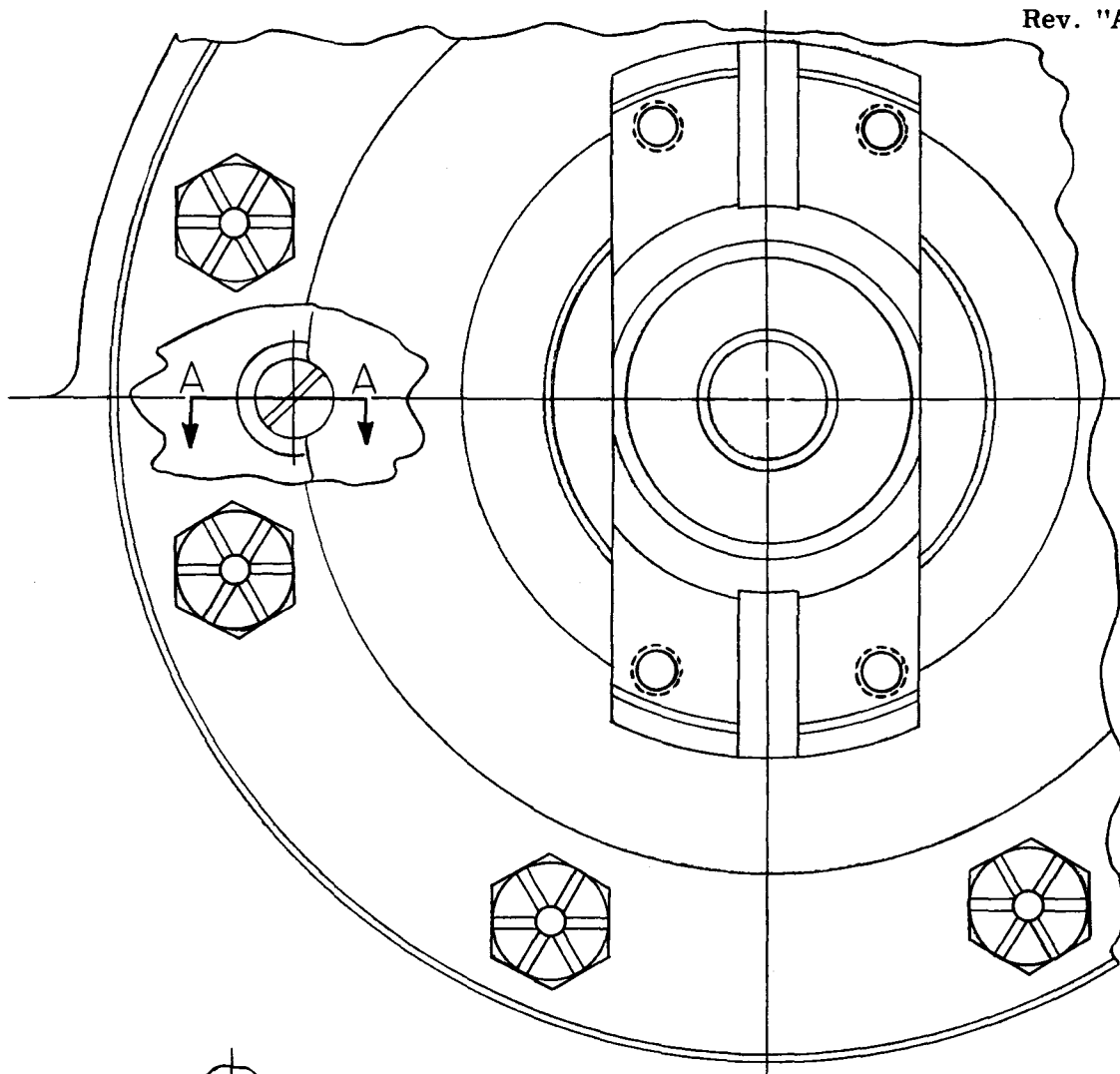
The holes in the converter housing are counter-sunk at the rear  
face to recess the flat head screws below the mounting face of the  
bearing retainer, bearing housing or rear disconnect housing. (See  
sketch).

Interchangeability is not affected by this change except that in order  
to use the flat head screws P/N 113998, all parts affected must be  
drilled.

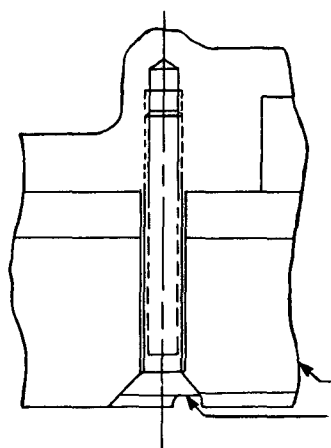
Spare Parts Information: All spare parts presently in stock should be  
used.

Service Manager - Transmissions

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Page 2 of 2  
March 21, 1955  
Rev. "A" 9-23-55



View of Output End of  
Converter Showing Location  
of Retaining Screws



Sectional View  
Showing Retaining Screw

Converter Housing P/N 6757729  
Screw P/N 113998

SECTION A-A

This page supersedes and replaces  
page 1 of 3 of S.I.L. No. 165 dated  
May 9, 1955.

Serial No. 165  
Page 1 of 3  
May 9, 1955  
REV. "A" 10-25-55

SUBJECT: TORQMATIC CONVERTER - TC-200 & 300 SERIES -  
ALL MODELS - RELEASE OF NEW CHARGING OIL  
PUMP SEALS P/N 760612 (TC-200), P/N 6758213  
(TC-300).

As a product improvement and to provide a better lip type seal  
with longer life, Seal P/N 3702068 (TC-200) has been replaced by  
Seal P/N 760612 and Seal P/N 6753849 (TC-300) has been replaced  
by Seal P/N 6758213.

The new Seal P/N 6758213 was effective in the TC-300 series with  
Torqmatic Converter Serial No. 7256. All service stock of the  
old Seal P/N 6753849 should be scrapped.

An effectivity breakpoint for the new Seal P/N 760612 in the TC-200  
Series Torqmatic Converter will not be published. Present stock of  
Seal P/N 3702068 should continue to be used until depleted.

When necessary to replace either seal in the field, the two (2)  
attached sketches should be referred to. A hand-operated arbor  
press should be used for pressing in the new seal whenever possible.  
A hydraulic press must never be used. Use of a hydraulic press  
could result in rupturing the seal or seal seating surface.

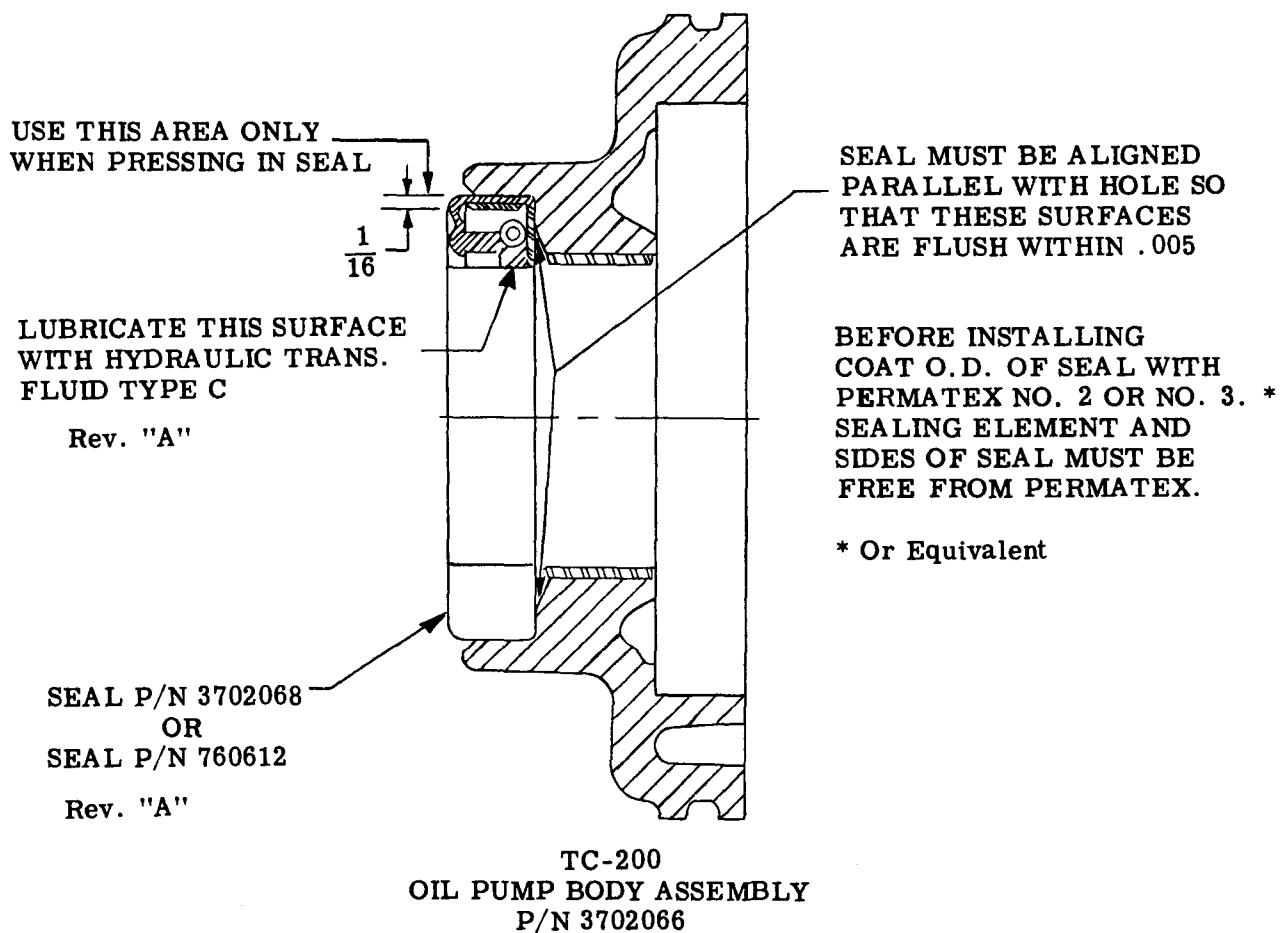
Service Manager - Transmission



NOTE: This page supersedes and replaces page 2 of 3  
of S.I.L. No. 165 dated May 9, 1955.

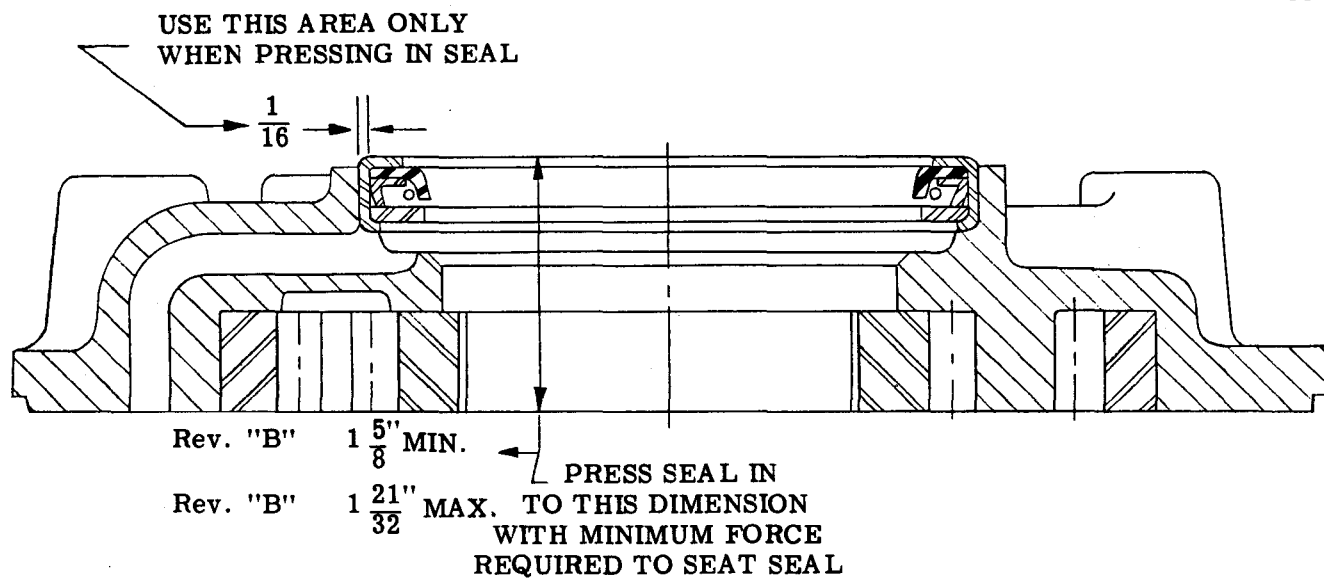
Serial No. 165  
Page 2 of 3  
May 9, 1955  
Rev. "A" 10-25-55

TO PREVENT DISTORTION  
OF PUMP BODY RECESSES,  
PRESS SEAL IN PUMP BODY  
WITH MINIMUM FORCE  
REQUIRED TO SEAT SEAL



NOTE: This page supersedes and replaces Page 3 of 3  
pages dated May 9, 1955 of S. I. L. #165.

Serial No. 165  
Page 3 of 3  
May 9, 1955  
Rev. "B" 11-29-55



TC-300  
OIL PUMP GEAR AND  
BODY ASSEMBLY P/N 6757086

Before Installing  
Coat O.D. of Seal with  
Permatex No. 2 or No. 3. \*  
Sealing Element and Sides  
of Seal Must be Free from  
Permatex

\* Or Equivalent

Serial No. 196  
Page 1 of 2  
January 24, 1956

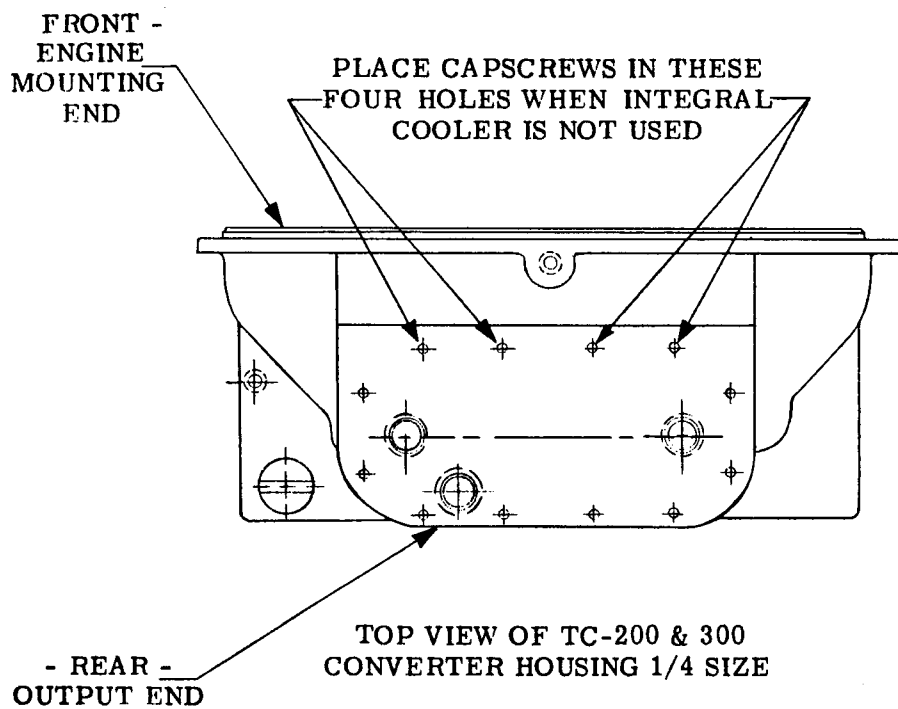
**SUBJECT: TORQMATIC CONVERTER - TC-200 & 300 SERIES -  
ALL MODELS NOT USING THE INTEGRAL OIL  
COOLER - INSTALLING CAP SCREWS IN CONVERTER  
HOUSING COOLER MOUNTING HOLES WHEN COOLER  
IS NOT USED.**

There are twelve (12) drilled and tapped cooler mounting holes located in the cooler mounting pad at the top of the converter housing. The four (4) holes located at the front (engine mounting end) of the cooler mounting pad are through holes into the bell housing of the converter housing. When the integral oil cooler is not used, these four (4) holes (see sketch) are open to the elements and it is possible for rain, dust and debris to work down through the holes and into the converter bell housing.

It is recommended that on all units not using the integral cooler, four (4) 5/16"-18 x 1" UNC bolts be installed in the holes in order to prevent the passage of foreign material into the converter bell housing.

Service Manager - Transmissions

Serial No. 196  
Page 2 of 2  
January 24, 1956



NOTE: This letter supersedes Allison  
Service Information Letter No. 206,  
dated March 9, 1956. Please  
destroy your old letter.

Serial No. 206  
Page 1 of 3  
March 9, 1956  
REV. "A" 4-30-56

SUBJECT: TORQMATIC CONVERTER - TC-300 SERIES AND  
TORQMATIC TRANSMISSION - CRT-3300 SERIES -  
ALL MODELS - RIVETING STATOR THRUST  
WASHER TO FIRST STATOR ASSEMBLY.

Effective with subject Torqmatic Converter Serial No. 12227, and  
Torqmatic Transmission Serial No. 1438, the stator thrust washer  
P/N 6755850 was cancelled as a separate part and is now riveted  
to the first stator assembly. This change was made to increase  
the life of the stator thrust washer by assuring that the thrust washer  
would remain in proper position during operation.

The following parts were affected by this change:

<u>Parts Released</u>	<u>Part Name</u>	<u>Parts Cancelled</u>	<u>Quan. Per Unit</u>
6758284	Stator Assy. - 1st.	6755463	1
6757753	Washer - Stator Thrust	6755850	1
6757754	Rivet	6754988	4

In the event it should become necessary to replace the stator thrust  
washer, the change should be attempted by responsible overhaul  
personnel only.

The following equipment will be necessary to properly perform the  
operation:

- A. Hand operated arbor press.
- B. Rivet header patterned after attached sketch.
- C. Anvil suitable for supporting the preheaded end of the rivet.
- D. Clamps capable of holding pieces in position during  
riveting operation.

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Page 2 of 3  
March 9, 1956  
REV. "A" 4-30-56

Following is the procedure for replacing the stator thrust washer:

- A. Remove old rivets. Using a sharp chisel, shear off the riveted end of the rivet. Care should be exercised to see that the side plate is not defaced by the chisel.
- B. Knock out remaining part of rivet using a narrow drift or similar tool.

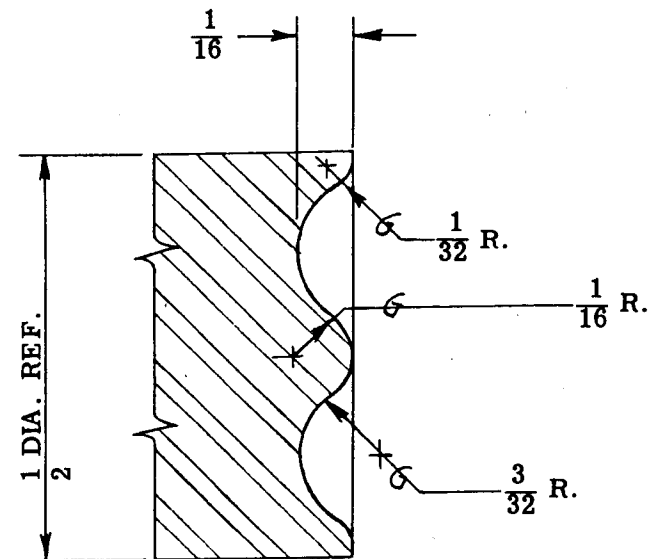
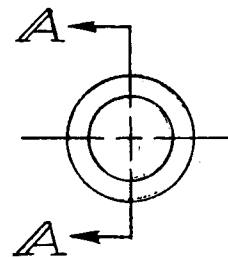
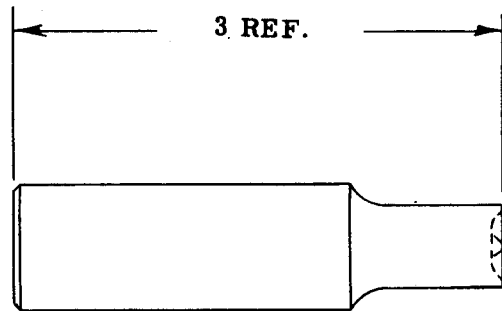
NOTE: Do not remove the cam from the stator.

- C. Using new thrust washer P/N 6757753 and new rivets P/N 6757754, assemble the pieces together, making certain the new thrust washer is replaced in the same position from which the old one was removed. Securely clamp the pieces together.
- D. Using a rivet header patterned after the one shown on the attached sketch, a hand-operated press and an anvil suitable for supporting the preheaded end of the rivet, rivet the stator assembly together. Exert a force on the hand-operated arbor press, sufficient to produce an upset rivet head height of .030 - .050 inches above the stator side plate. A height under .030 inches on rivet head being formed will weaken the rivet at this point and possibly allow it to crack under strain. If the rivet head being formed cracks during the operation, it should be removed and a new rivet inserted.

SPARE PARTS INFORMATION: All spare parts presently in stock should be used.

Service Manager - Transmissions

HEADER PUNCH  
TC-300, CRT-3330 & CTP STATOR ASSEMBLY



SECTION A-A  
5x SCALE

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March 9, 1956  
Rev. "A" 4-30-56

Serial No. 221  
Page 1 of 1  
May 14, 1956

**SUBJECT: TORQMATIC CONVERTER - TC-200 - NEW CONVERTER OUTPUT SHAFT P/N 6759462 RELEASED FOR ALL MODELS EXCEPT MODELS USING THE AUTOMOTIVE TYPE OUTPUT FLANGE AND CHAIN COUPLING OUTPUT DRIVE.**

Converter output shaft P/N 6754962 is still used on the subject exceptions. The new converter output shaft has been released for all other models. The only difference between the two shafts is a 1/2 inch tapped hole in the output end of shaft P/N 6754962. The automotive type output flange and the chain coupling output drive are bolted to the output end of this shaft by a 1/2 inch bolt.

Interchangeability is affected only with the use of the new shaft P/N 6759462. The new shaft cannot be used with the automotive type output flange or the chain coupling output drive. The old shaft may be used with all models.

**SPARE PARTS INFORMATION:** All spare parts presently in stock should be used.

Service Manager - Transmissions



Serial No. 224

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June 5, 1956

SUBJECT: TORQMATIC CONVERTER - TC-300 SERIES AND  
TORQMATIC TRANSMISSION - CRT-3330 SERIES -  
ALL MODELS - CONVERTER COVER CHANGED TO  
INCORPORATE BALL BEARING P/N 903208  
INSTEAD OF BUSHING P/N 6754922.

In order to provide a better pilot for the turbine assembly, and thereby increase the life of the converter parts, a ball bearing has been added to the converter cover, replacing the bushing. The turbine hub was changed in order to adapt the hub to the new roller bearing. The new roller bearing eliminates the necessity of the turbine thrust washer.

Effective with TC-300 Series Torqmatic Converter Serial No. 13596 and CRT-3330 Series Torqmatic Transmission Serial No. 1779 for engine mounted units and Serial No. 1820 for remote mounted units, the following parts were released or cancelled as noted:

<u>Parts Released</u>	<u>Part Name</u>	<u>Parts Cancelled</u>	<u>Model Used On</u>	<u>Quantity Per Unit</u>
903208	Bearing - Ball		TC-300 CRT-3330	1
	Bushing - Conv. Pump Cover	6754922	TC-300 CRT-3330	1
	Washer - Turbine Thrust	6755004	TC-300 CRT-3330	1
	Cover Assem. - Conv. Pump	6755325*	TC-300 CRT-3330	1
6757712*	Cover - Conv. Pump	6755317*	TC-300 CRT-3330	1
	Cover Assem. - Conv. Pump	6757289**	CRT-3330	1
6758274**	Cover - Conv. Pump	6757255**	CRT-3330 TC-300	1
6757713	Turbine Assembly	6755467	CRT-3330 TC-300	1
6757714	Hub - Turbine	6754819	CRT-3330	1

\* For engine mounted units only.

\*\* For remote mounted units only.

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NOTE: Cover assemblies 6755325 and 6757289 which included the bushing 6754922 have been replaced by covers 6757712 and 6758274. The new covers do not include a bushing or bearing, therefore, they are not considered assemblies.

Interchangeability is affected by this change in that new and old parts must not be intermixed in a unit. Therefore, a supply of service parts will be maintained on the following parts:

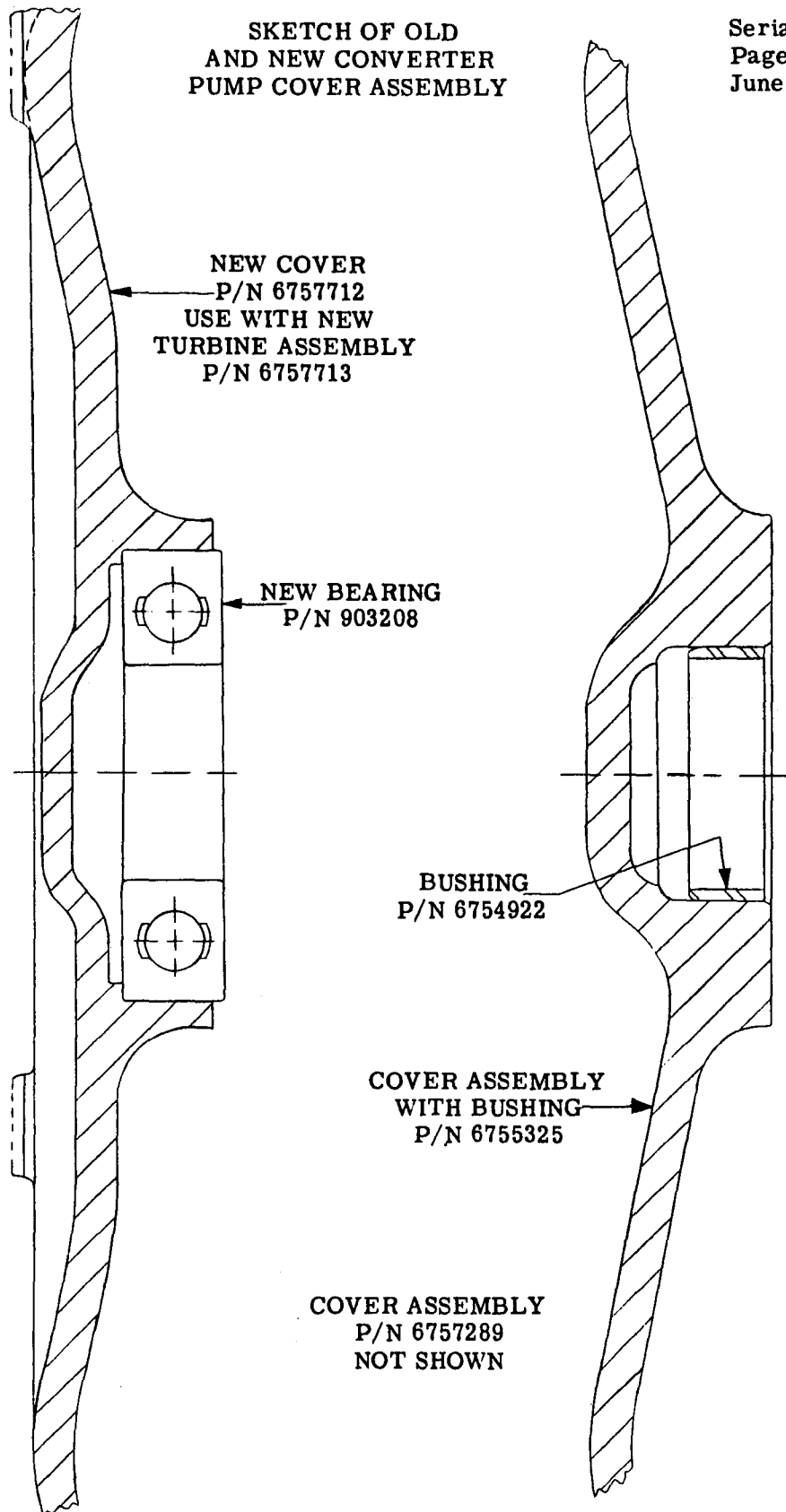
<u>Part No.</u>	<u>Part Name</u>	<u>Model</u>
6754922	Bushing - Conv. Pump Cover	TC-300 CRT-3300
6755004	Washer - Turbine Thrust	TC-300 CRT-3300
6755325	Cover Assem. - Conv. Pump	TC-300 CRT-3300
6757289	Cover Assem. - Conv. Pump	CRT-3300
6755467	Turbine Assembly	TC-300 CRT-3300

All spare parts presently in stock should be used.

Service Manager - Transmissions

**SKETCH OF OLD  
AND NEW CONVERTER  
PUMP COVER ASSEMBLY**

Serial No. 224  
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June 5, 1956



Serial No. 280  
Page 1 of 2  
July 5, 1957

**SUBJECT: TORQMATIC CONVERTER - TC-200 - ALL MODELS -  
RELEASE OF IMPROVED STATOR ASSEMBLY.**

As a product improvement, a new stator assembly has been released for the subject models. The primary change in the assembly consists of the addition of convoluted roller springs and the deletion of coiled roller springs.

This change became effective in production with converter S/N 19439.

Parts changes are as follows:

<u>New Part Number</u>	<u>Deleted Part No.</u>	<u>Nomenclature</u>	<u>Quantity Per Unit</u>
6769234	6755271	Stator Assembly	1
3719260	3702099	Cam, Stator	1
3719261	3689751	Spring, Roller	8
None	3691806	Guide	8
3702103	3702100	Washer, Thrust (P/N 3702100 deleted. P/N 3702103 increased from 1 to 2).	2

The new springs should be installed as shown in the attached sketch.

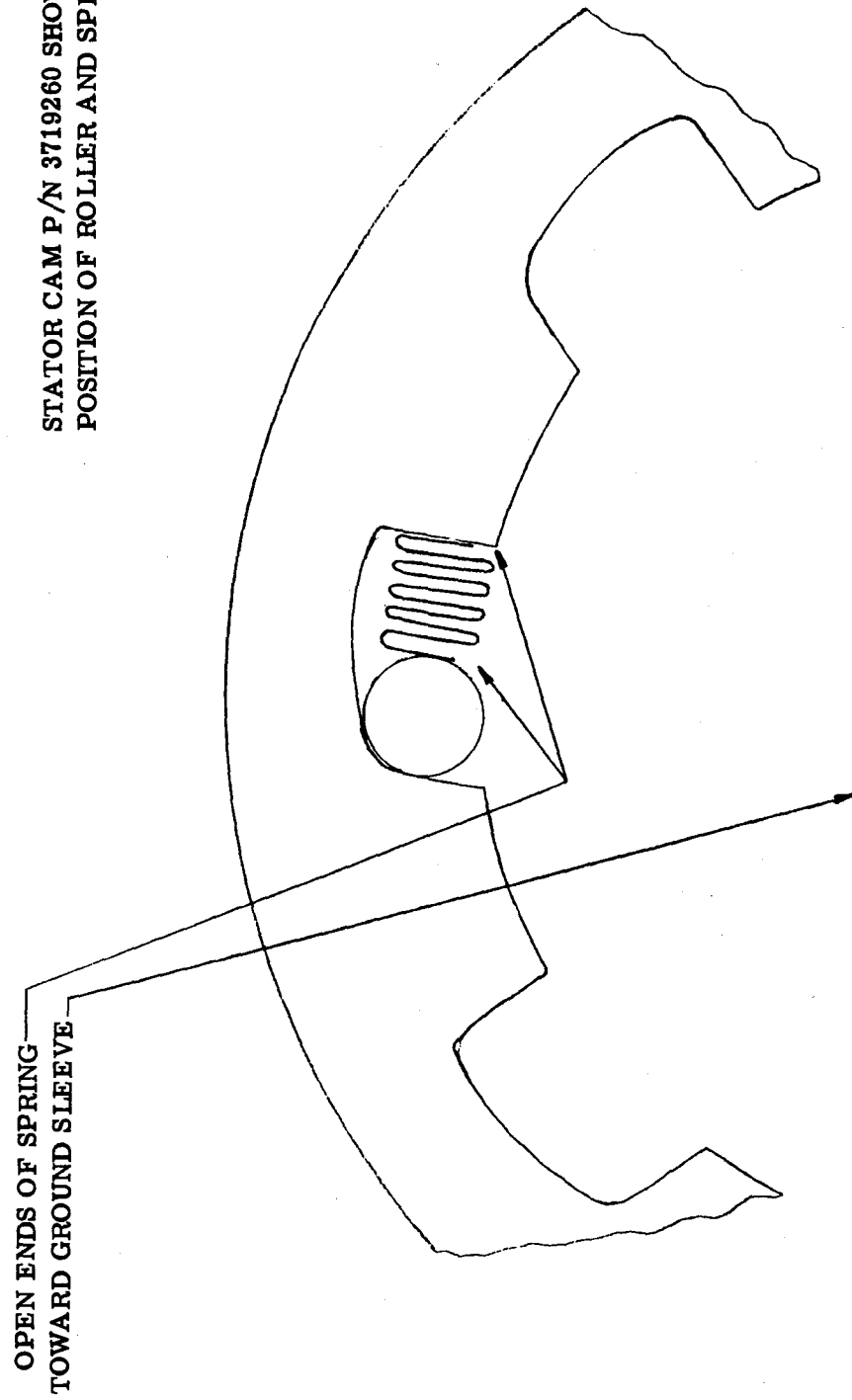
**Spare Parts Information:**

All superseded parts, in spare parts stock, may be used but should not be used in conjunction with any of the new parts. The complete assemblies P/N 6769234 and P/N 6755271 are interchangeable.

Service Manager - Transmissions

Serial No. 280  
Page 2 of 2  
July 5, 1957

STATOR CAM P/N 3719260 SHOWING  
POSITION OF ROLLER AND SPRING



Serial No. 292  
Page 1 of 1  
August 5, 1957

SUBJECT: RELEASE OF NEW CONVERTER CHARGING  
PUMP AND NEW CONVERTER PUMP HUB.

EQUIPMENT AFFECTED: TC-300 CONVERTER - ALL MODELS.

EFFECTIVE SERIAL NUMBER: S/N 19085 - JUNE 6, 1957

As a product improvement, a new converter charging pump and a new converter pump hub have been released to the TC-300 converters. The parts changed are as follows:

<u>New Part Number</u>	<u>Cancelled Part No.</u>	<u>Nomenclature</u>	<u>Quantity Per Unit</u>
6768714	6757605	Hub, Converter Pump	1
6768707	6757621	Pump Assy., Oil	1
6768706	6757086	Gear and Body Assy.	1
6768704	6758349	Body, Pump	1

Spare Parts Information:

The new hub P/N 6768714 may be used for service on all units. The old hub P/N 6757605 may be used for service in units containing the old pump assembly. Service on the old hub will not be maintained.

The new gear and body assembly P/N 6768706 and the new pump assembly P/N 6768707 may be used for service in all units but must be used with the new converter hub. The old gear and body assembly P/N 6757086 and the old pump assembly P/N 6757621 may be used for service on all units with either the new or old hub. The old pump body, gear and body assembly and pump assembly will be maintained for service.

Service Manager - Transmissions

Serial No. 302  
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August 9, 1957

SUBJECT: RELEASE OF HEAVIER STATOR RIVETS

EQUIPMENT AFFECTED: TC-300 CONVERTERS  
CRT-3000 SERIES TRANSMISSIONS  
MT TRANSMISSIONS

In order to eliminate the possibility of rivet breakage and subsequent stator failure, the size of the stator rivets has been increased from 3/16" to 1/4".

Parts affected by this change are as follows:

<u>New Part Number</u>	<u>Old Part Number</u>	<u>Nomenclature</u>	<u>Quan. Per Unit</u>
6768903	6758284	Stator Assembly, 1st. (TC-300, CRT-3000 Series)	1
6768904	6756894	Stator Assembly, 1st. (MT Transmissions)	1
6768910	6757753	Washer, Thrust (Used in above assemblies)	1
6756544	6757754	Rivet (Used in above assemblies)	4
6769105	6769046	Stator Assembly, 1st. (TC-300 in Oliver Equipment)	1
6769166	6769047	Washer, Thrust	1
6756544	6757754	Rivet	4
6768902	6755464	Stator Assembly, 2nd. (TC-300, CRT-3000, MT)	1

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**Parts Interchangeability:**

The new stator assemblies are fully interchangeable with the old stator assemblies.

The new thrust washers and new rivets are not interchangeable with the old washers and rivets.

**Spare Parts Information:**

All old stator assemblies in spare parts stock may be used.

Old thrust washers and rivets may be used but can be used only in old stator assemblies.

The old thrust washers and rivets will be maintained for service.

**Service Manager - Transmissions**



SEE PAGE 3 BEFORE USING THIS INDEX

#### NUMERICAL PARTS INDEX

The numerical parts index lists the parts reference number and the figure number of the illustration in which it appears. The reference numbers are keyed to the group listings. However, you must know the converter assembly part number to identify the right group. Refer to page 3.

## NUMERICAL INDEX

PART NO	REFERENCE NO	FIGURE NO	PART NO	REFERENCE NO	FIGURE NO
103026	11	VI-A	444672	41	III
103320	53	I	444678	49	I
103320	55	III	444678	51	III
103320	8	VII-A	451006	Replaces 442812	
103321	39	II	451006	1	I
103321	5	IV	451006	1	III
103321	30	V-A	453621	47	I
103321	7, 12	VI-A	453621	49	III
103323	10	II	453675	60	III
103323	45	IV	456635	12	II
103323	35	V-A	760612	Replaced by 3737894	
105456	37	I	760612	Replaces 3702068	
105456	38	III	903011	4	III
111296	25	V-A	903208	4	III
111296	9	VI-A	903209	Replaced by 6757374	
113782	32	V-A	903307	4	II
113903	Replaces 436569		903307	2	IV
113903	6	VI-A	954498	25	II
113989	Replaces 6754527		954498	31	IV
113989	35	III	954528	2	IV
113998	54	I	954551	3	VI-A
113998	56	III	456635	16	IV
114351	11	V-A	2222424	23, 33, 37	II
114498	26	V-A	2222424	29, 39	IV
114604	10	V-A	3224085	26	II
142862	44	I	3224085	32	IV
142862	42	III	3224773	28	II
147465	16	VII-A	3224773	34	IV
179793	18	III	3689751	16	I
179812	55	I	3689760	30	I
179812	57	III	3689826	31	I
179817	52	I	3689838	2	II
179817	54	III	3689838	15	IV
179819	7	VII-A	3691806	15	I
179837	38	II	3702066	26	I
179837	6	IV	3702067	28	I
179840	8	VI-A	3702068	Replaced by 760612	
179841	29	V-A	3702069	27	I
179887	36	V-A	3702079	3	I
181345	24	V-A	3702082	Replaced by 3713622	
181374	13	VI-A	3702099	Replaced by 3719260	
181429	11	II	3702101	13	I
181429	46	IV	3702103	11	I
186271	1	VII-A	3702104	9	I
214279	23	V-A	3702688	10	I
436569	Replaced by 113903		3702718	Replaced by 3719262	
442812	Replaced by 451006		3702724	5	I
444576	46	I	3702742	22	I
444576	45	III	3709094	6	I
444672	41	I	3713622	Replaces 3702082	

## NUMERICAL INDEX

PART NO	REFERENCE NO	FIGURE NO	PART NO	REFERENCE NO	FIGURE NO
3713622	19	I	6751531	14	II
3717166	21	I	6751531	18	IV
3719252	29	I	6751541	12	II
3719260	Replaces 3702099		6751541	16	IV
3719260	12	I	6751822	1	VI-A
3719261	14	I	6751839	12, 15	IV
3719262	Replaces 3702718		6752033	9	VII-A
3719262	4	I	6752034	11	VII-A
3737894	Replaces 760612		6752035	10	VII-A
3737894	25	I	6753487	2	VI-A
5192142	15	V-A	6753849	Replaced by 6758213	
5192153	2	V-A	6753857	8	II
5192163	14	VI-A	6753857	10	IV
5192176	18	V-A	6753859	15	II
5192180	1	V-A	6753859	20	IV
5192180	14	VI-A	6753860	15	II
5192182	7	V-A	6753860	20	IV
5192489	28	V-A	6753866	23	III
5193064	27	V-A	6753871	Replaced by 6768351	
5193253	Replaced by 5194671		6753884	Replaced by 6768349	
5193255	31	V-A	6753966	5	II
5193258	5	V-A	6753966	4	IV
5193259	20	V-A	6754299	3	VII-A
5193260	21	V-A	6754314	5	VII-A
5193420	19	V-A	6754349	43	II
5193421	17	V-A	6754349	8	IV
5193422	13	V-A	6754488	21	III
5193430	12	V-A	6754489	Replaced by 6757729	
5193431	6	V-A	6754490	50	I
5194138	14	V-A	6754490	52	III
5194140	16	V-A	6754495	51	I
5194244	33	V-A	6754495	53	III
5194291	9	V-A	6754501	Replaced by 6759946	
5194294	8	V-A	6754505	Replaced by 6757783	
5194365	4	V-A	6754506	17	II
5194671	Replaces 5193253		6754506	22	IV
5194671	3	V-A	6754508	16	II
6700296	49	IV	6754508	21	IV
6701230	38	I	6754519	Replaced by 6757605	
6701230	37	III	6754527	Replaced by 113989	
6702958	33	III	6754528	Replaced by 6757599	
6703023	1	IV	6754549	Replaced by 6758599	
6703224	Replaced by 6758296		6754549	Replaced by 6768955	
6750046	7	I	6754550	Replaced by 6757621	
6750046	1	IV	6754922	4	III
6750046	3	II	6754947	10	IV
6750272	Replaced by 6768267		6754958	17	I
6750286	Replaced by 6768350		6754962	Replaced by 6759462	
6751524	27	II	6754963	9	II
6751524	33	IV	6754964	32	I

## NUMERICAL INDEX

PART NO	REFERENCE NO	FIGURE NO	PART NO	REFERENCE NO	FIGURE NO
6754968	33	I	6756616	10	VI-A
6754994	11	III	6756618	5	VI-A
6754999	9	III	6756620	4	VI-A
6755004	5	III	6756627	4	VI-A
6755031	17	IV	6756629	20	I
6755032	13	II	6756637	34	V-A
6755221	2	I	6756644	24	I
6755266	23	I	6756658	6	VII-A
6755271	Replaced by 6769234		6756659	6	VII-A
6755302	6	II	6756689	30	II
6755302	43	IV	6756689	40	IV
6755317	3	III	6756691	41	IV
6755325	Replaced by 6757712		6756693	45	I
6755333	44	IV	6756693	44	III
6755325	2	III	6756698	32	II
6755372	Replaced by 6759947		6756698	38	IV
6755377	21	II	6756706	31	II
6755377	27	IV	6756706	37	IV
6755380	36	IV	6756847	Replaces 6755999	
6755383	19	II	6756847	24	III
6755384	22	II	6756856	18	II
6755384	28	IV	6756864	15	VII-A
6755457	26	III	6756865	25	IV
6755463	Replaced by 6758284		6756869	17	IV
6755464	Replaced by 6768902		6756872	34	I
6755467	Replaced by 6757713		6756913	8	IV
6755469	42	II	6756946	26	IV
6755488	2	VII-A	6756947	24	IV
6755618	24	II	6756947	14	VII-A
6755618	30	IV	6757086	Replaced by 6768706	
6755619	20	II	6757115	36	II
6755619	35	IV	6757374	19	III
6755786	35	I	6757521	35	II
6755786	36	III	6757426	40	II
6755789	40	I	6757426	7	IV
6755789	40	III	6757599	Replaces 6754528	
6755803	Replaced by 6757634		6757599	34	III
6755838	Replaced by 6769091		6757605	Replaced by 6768714	
6755850	Replaced by 6757753		6757605	Replaces 6754519	
6755892	13	III	6757621	Replaced by 6768707	
6755896	16	III	6757621	Replaces 6754550	
6755897	14	III	6757634	Replaces 6755803	
6755988	25	III	6757634	17	III
6755999	Replaced by 6756847		6757709	Replaced by 6758597	
6756119	17	VII-A	6757712	Replaces 6755325	
6756233	18	I	6757712	3	III
6756321	34	II	6757713	Replaced by 6769453	
6756348	Not shown, listed page III-4		6757713	Replaces 6755467	
6756362	12	VII-A	6757729	Replaced by 6768942	
6756615	10	VI-A	6757729	Replaces 6754489	

## NUMERICAL INDEX

PART NO	REFERENCE NO	FIGURE NO	PART NO	REFERENCE NO	FIGURE NO
6757737	44	II	6768707	Replaces 6757621	
6757753	7	III	6768707	27	III
6757757	45	II	6768714	Replaces 6757605	
6757758	47	IV	6768714	20	III
6757783	Replaced by 6759948		6768902	Replaces 6755464	
6758054	26	IV	6768902	12	III
6758124	19	II	6768903	Replaces 6758284	
6758213	Replaced by 6768644		6768903	8	III
6758213	Replaces 6753849		6768942	Replaces 6757729	
6758284	Replaced by 6768903		6768942	42	I
6758284	Replaces 6755463		6768942	48	III
6758295	29	II	6768942	Replaces 6757729	
6758296	22	III	6768955	Replaces 6754549	
6758296	Replaces 6703224		6768955	39	I
6758592	42	II	6768956	Replaces 6758599	
6758597	Replaces 6757709		6768956	39	III
6758597	48	I	6769044	39	III
6758597	50	III	6769045	15	III
6758599	Replaced by 6768956		6769048	13	III
6758599	Replaces 6754549		6769049	Not shown, listed page III-4	
6758777	14	III	6769050	52	IV
6758987	10	VI-A	6769051	50	IV
6758988	10	VI-A	6769052	47	III
6759462	Replaces 6754962		6769053	Not shown, listed page III-4	
6759462	1	II	6769054	48	III
6759946	Replaces 6754501		6769055	34	III
6759946	14	IV	6769056	3	III
6759947	Replaces 6755372		6769057	43	IV
6759947	14	IV	6769058	51	IV
6759948	Replaces 6757783		6769060	6	III
6759948	11	IV	6769061	27	III
6763013	Replaces 7374627		6769062	20	III
6763013	3, 19	IV	6769069	59	III
6764025	48	IV	6769070	58	III
6768267	43	I	6769071	3	III
6768267	43	III	6769089	40	III
6768267	Replaces 6750272		6769090	36	III
6768346	42	IV	6769091	Replaces 6755838	
6768349	Replaced by 6768704		6769091	15	III
6768349	Replaces 6753884		6769073	46	III
6768350	32	III	6769105	8	III
6768351	31	III	6769234	Replaces 6755271	
6768425	30	IV	6769234	8	I
6768426	35	IV	6769453	Replaces 6757713	
6768644	Replaces 6758213		6769453	6	III
6768644	29	III	7374627	Replaced by 6763013	
6768704	Replaces 6768349		7450737	Replaces 8347400	
6768704	30	III	7450737	10	III
6768706	Replaces 6757086		7709143	1	VI-A
6768706	28	III	8347316	13	IV

## NUMERICAL PARTS INDEX

PART NO	REFERENCE NO	FIGURE NO	PART NO	REFERENCE NO	FIGURE NO
8347400	Replaced by 7450737		9409203	9, 10	IV
8522609	4	VII-A	9409227	23	IV
9409055	7	II	9409227	13	VII-A
9409055	23	IV	9409231	61	III
9409060	18	VII-A	9409231	13	VI-A
9409062	36	I	9409240	Replaces 9409203	
9409073	18	III	9409240	7	II
9409203	Replaced by 9409240		9409240	9, 23	IV
9409203	7, 41	II			

### WARRANTY

There are no warranties, expressed or implied, made by Seller on Allison Division products or parts furnished hereunder except as provided in the manufacturer's standard warranty as follows:

"Manufacturer warrants new Allison products to be free from defects in material or workmanship under normal use and service. The Manufacturer's obligation under this warranty is limited to making good at its factory any part or parts of such products which shall be returned to it with transportation charges prepaid within six (6) months from date of delivery of said products to the original purchaser and which its examination shall disclose to its satisfaction to have been thus defective. This warranty is in lieu of all other warranties, expressed or implied, and all other obligations and liabilities on its part, and it neither assumes nor authorizes any person to assume for it any other liability in connection with its products.

"This warranty shall not apply to any Allison product which shall have been repaired or altered in any way so as, in the judgment of the Manufacturer, to affect its reliability, or which has been subject to misuse, negligence or accident.

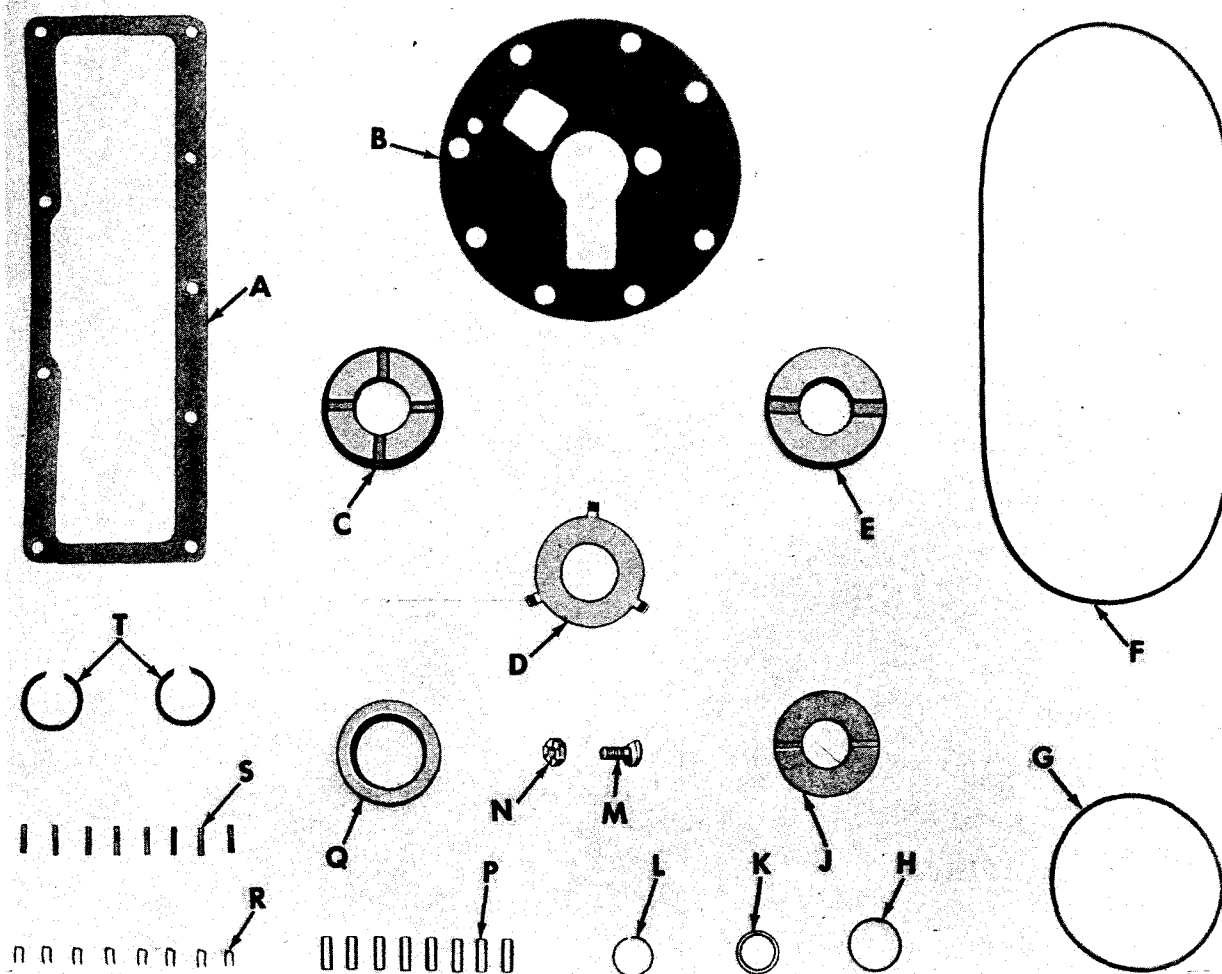
"The Manufacturer reserves the right to make changes in design or add any improvements on its products at any time without incurring any obligations to install same on units previously delivered by it."

ALLISON DIVISION  
GENERAL MOTORS CORPORATION

# Allison TORQMATIC CONVERTER

## SERVICE KIT

K-1



### KIT K-1 — P/N 6759026 FOR TC-200 SERIES CONVERTERS

A - 6754490	K - 105456
B - 6756872	L - 3689838
C - 3709094	M - 3717166
D - 6756629	N - 451006
E - 6756233	P - 3702101
F - 3713622	Q - 3737894
G - 3689826	R - 3691806
H - 3702079	S - 3689751
J - 3719262	T - 6750046

(See back of this page for parts nomenclature and model designation.)



# KIT K-1

Basic Overhaul Kit, P/N 6759026, Basic Converter TC 200 Series  
(For Options, see listings below marked with \*)

REF	NOMENCLATURE	PART NO	REQ
A-I	OVERHAUL KIT, TC 200 Models . . . . .	6759026	1
A	GASKET, Sump plate . . . . .	6754490	1
B	GASKET, Charging oil pump adapter . . .	6756872	1
C	WASHER, Stator front thrust . . . . .	3709094	1
D	WASHER, Converter pump thrust . . . . .	6756629	1
E	WASHER, Stator rear thrust . . . . .	6756233	1
F	SEAL RING, 12" I.D. . . . .	3713622	1
G	SEAL RING, Charging oil pump . . . . .	3689826	1
H	BUSHING, Gear and cover assembly . . .	3702079	1
J	WASHER, Turbine thrust . . . . .	3719262	1
K	GASKET, Drain plug . . . . .	105456	1
L	SEAL RING, Turbine shaft hook-type . .	3689838	1
M	BOLT, Converter sump to cover . . . . .	3717166	18
N	NUT, Converter pump to cover . . . . .	451006	18
P	ROLLER, Stator freewheel . . . . .	3702101	8
Q	SEAL, Charging oil pump . . . . .	3737894	1
R	GUIDE, Roller . . . . .	3691806	8
S	SPRING, Roller . . . . .	3689751	8
T	SNAP RING, 1 1/4" O.D. . . . .	6750046	2

## \*For Units with Automotive Shaft, Disconnect Clutch, or Chain Coupling

In addition to Basic Overhaul Kit 6759026 listed above,  
order the part listed below:

NOMENCLATURE	PART NO	QTY
KIT	6759027	1

## \*For Units with Industrial Shaft or Bevel Pinion Mounting

In addition to Basic Overhaul Kit 6759026 listed above,  
order the part listed below:

KIT	6759028	1
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## \*For Units with Governor Drive

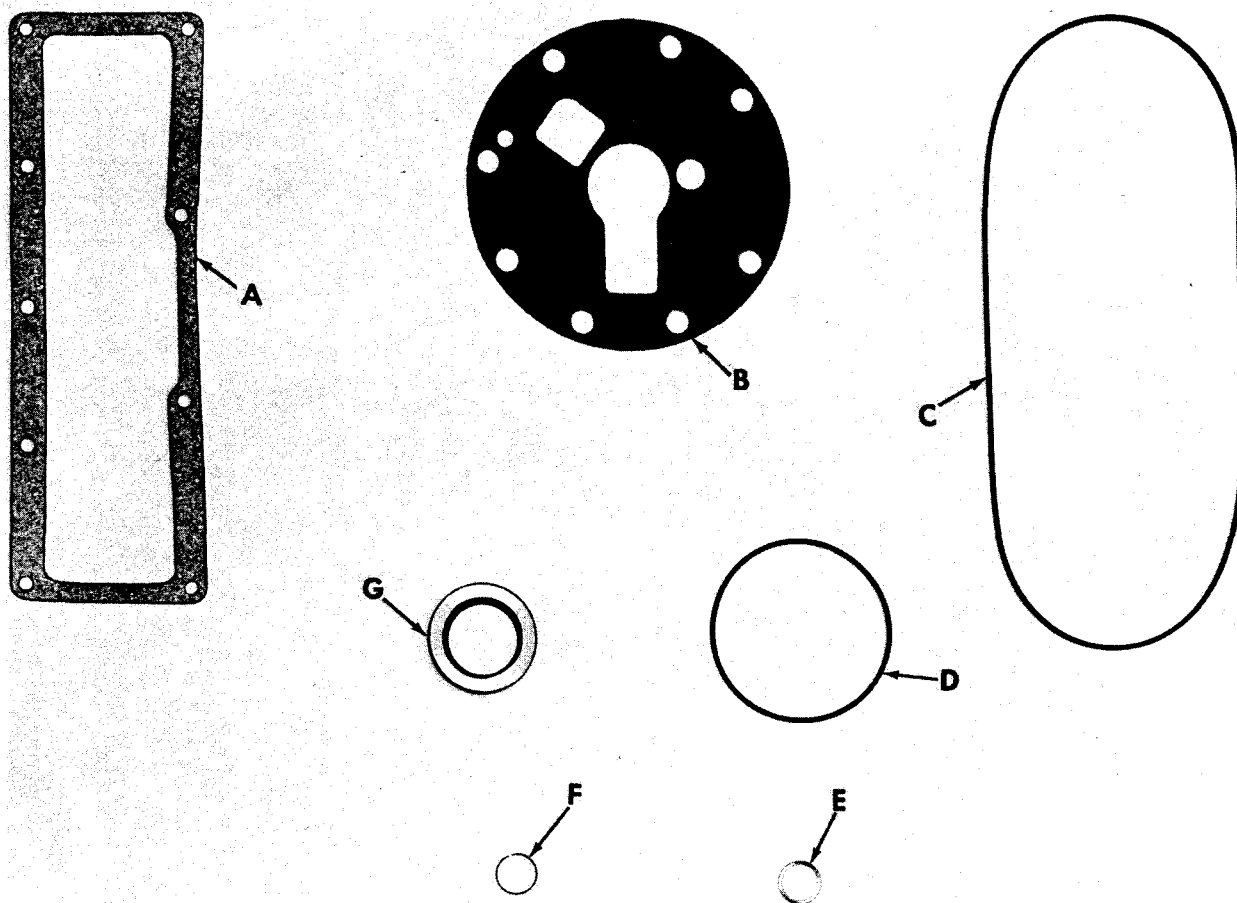
In addition to Basic Overhaul Kit 6759026 listed above,  
order the part listed below:

KIT	6759029	1
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# Allison TORQMATIC CONVERTER

## SERVICE KIT

L-1



KIT L-1 — P/N 6759030 FOR TC-200 SERIES CONVERTERS

- A - 6754490
- B - 6756872
- C - 3713622
- D - 3689826
- E - 105456
- F - 3689838
- G - 3737894

(See back of this page for parts nomenclature and model designation.)

# **KIT L-1**

Seal and Gasket Kit, P/N 6759030, Basic Converter TC 200 Series  
(For Options, see listings below marked with \*)

REF	NOMENCLATURE	PART NO	REQ
A-G	SEAL AND GASKET KIT, TC 200 Models . . . .	6759030	1
A	GASKET, Sump plate . . . . .	6754490	1
B	GASKET, Charging oil pump adapter . . .	6756872	1
C	SEAL, 12" I.D. . . . .	3713622	1
D	SEAL, Charging oil pump assy . . . . .	3689826	1
E	GASKET, Drain plug . . . . .	105456	1
F	SEAL, Turbine shaft, hook-type . . . .	3689838	1
G	SEAL, Charging oil pump assy . . . . .	3737894	1

## \*For Units With Automotive Shaft, Disconnect Clutch or Chain Coupling

In addition to Basic Seal and Gasket Kit 6759030  
listed above, order the parts listed below:

NOMENCLATURE	PART NO	QTY
SEAL	6753857	1
GASKET, Bearing retainer	6753966	1

## \*For Units With Industrial Shaft or Bevel Pinion Mounting Kit

In addition to Basic Seal and Gasket Kit 6759030  
listed above, order the part listed below:

SEAL	6754506	1
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## \*For Units With Governor Drive Kit

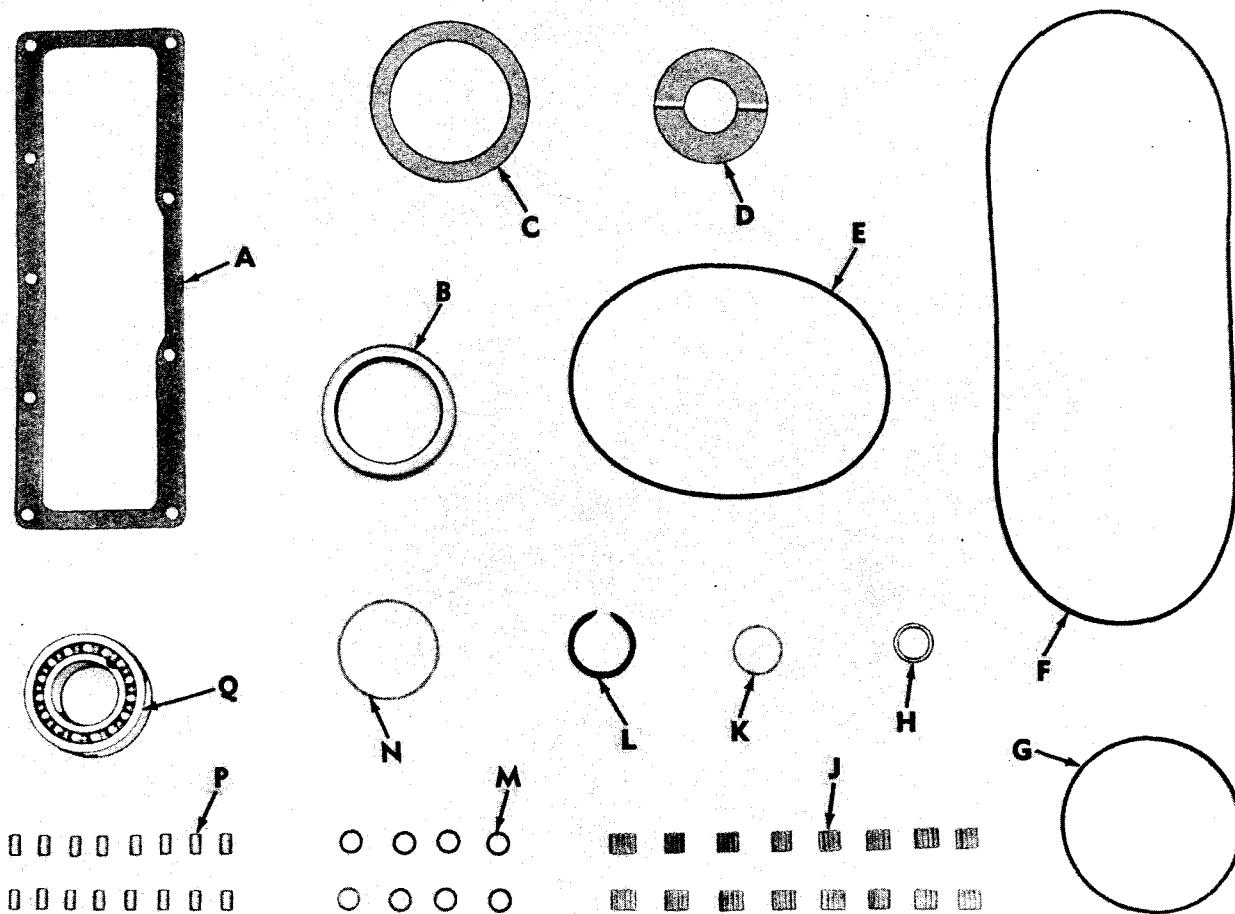
In addition to Basic Seal and Gasket Kit 6759030  
listed above, order the parts listed below:

GASKET	3224773	1
SEAL	6754506	1

# Allison TORQMATIC CONVERTER

## SERVICE KIT

M-1



### KIT M-1 — P/N 6759031 FOR TC-300 SERIES CONVERTERS

A - 6754490	E - 6755004	J - 6754999	N - 6754488
B - 6768644	F - 6753866	K - 6751839	P - 7450737
C - 6754994	G - 6758296	L - 6755897	Q - 6757374
D - 6702958	H - 105456	M - 6763013	

(See back of this page for parts nomenclature and model designation.)

# KIT M-1

Overhaul Kit, P/N 6759031, Basic Converter TC 300 Series  
(For Options, see listings below marked with \*\*)

REF	NOMENCLATURE	PART NO	REQ
A-Q	OVERHAUL KIT, TC 300 Models . . . . .	6759031	1
A	GASKET, Sump plate . . . . .	6754490	1
B	SEAL . . . . .	6768644	1
C	WASHER, Spacer . . . . .	6754994	1
D	RING, Seal . . . . .	6702958	1
E	WASHER, Turbine thrust (Used on units prior to S/N 13596 only)	6755004	1
F	RING, Seal . . . . .	6753866	1
G	RING, Seal . . . . .	6758296	1
H	GASKET, Drain plug annular . . . . .	105456	1
J	SPRING, Freewheel roller . . . . .	6754999	16
K	RING, Hook-type seal . . . . .	6751839	1
L	RING, External snap . . . . .	6755897	1
M	RING, Seal . . . . .	6763013	8
N	RING, Hook-type seal . . . . .	6754488	1
P	ROLLER, Stator freewheel . . . . .	7450737	16
Q	BEARING (Double row) . . . . .	6757374*	1

\*If unit has a single row bearing presently installed,  
use the 6757374 bearing in the above kit and order one  
6757634 retainer bearing, and shims 6757698 and 6757699.

## \*\*For Units With Automotive shaft, Rear Disconnect Clutch, or Chain Coupling Drive

In addition to Basic Overhaul Kit 6759031 listed above,  
order the part listed below:

NOMENCLATURE	PART NO	QTY
KIT	6759032	1

## \*\*For Units With Industrial Shaft

In addition to Basic Overhaul Kit 6759031 listed above,  
order the part listed below:

KIT	6759033	1
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## \*\*For Units With Industrial Shaft - with extra duty bearings

In addition to Basic Overhaul Kit 6759031 listed above,  
order the part listed below:

KIT	6759034	1
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## \*\*For Units With Governor Drive

In addition to Basic Overhaul Kit 6759031 listed above,  
order the part listed below:

KIT	6759035	1
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## \*\*For Units With Governor Drive - with extra duty bearings

In addition to Basic Overhaul Kit 6759031 listed above,  
order the part listed below:

KIT	6759036	1
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## \*\*For Units With Bevel Pinion Mounting

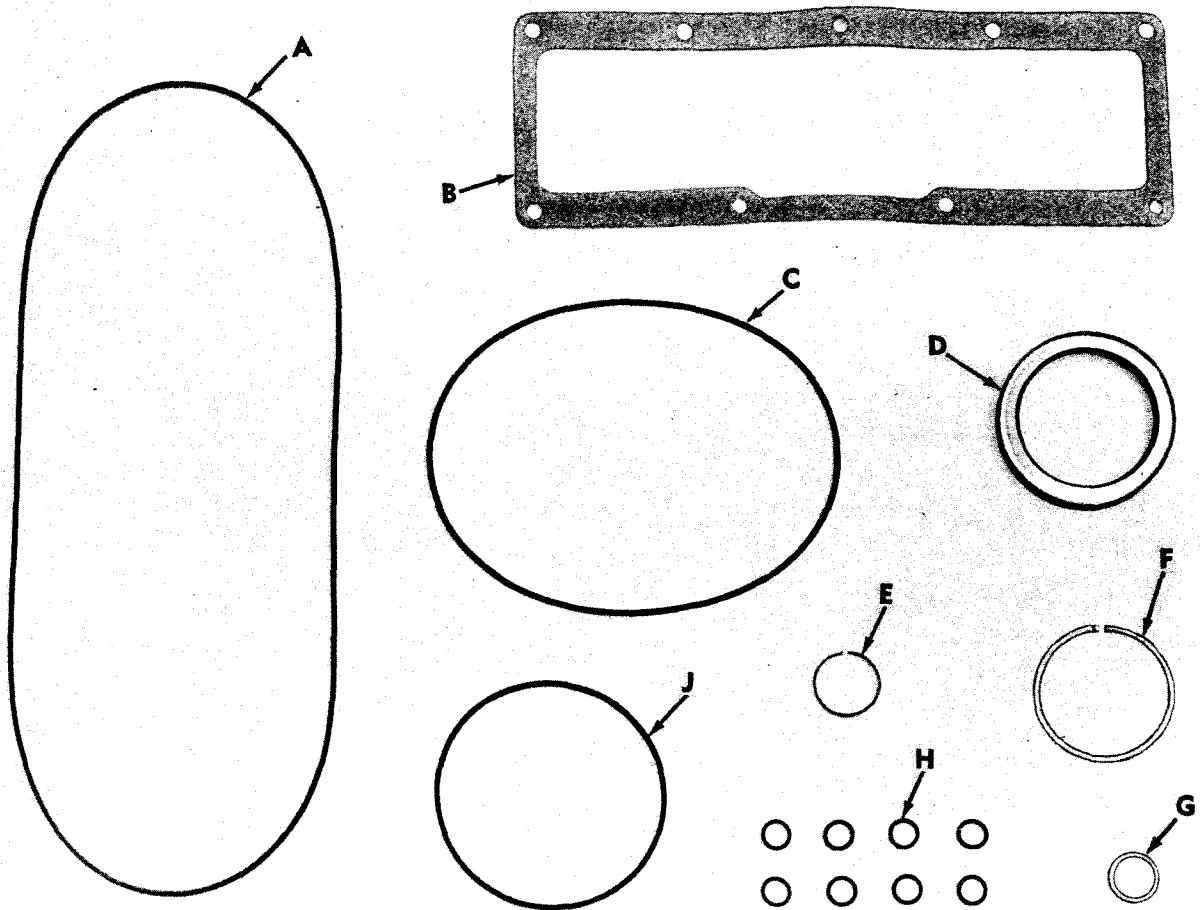
In addition to Basic Overhaul Kit 6759031 listed above,  
order the part listed below:

KIT	6759028	1
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# Allison TORQMATIC CONVERTER

## SERVICE KIT

N-1



KIT N-1 — P/N 6759038 FOR TC-300 SERIES CONVERTERS

- A - 6753866
- B - 6754490
- C - 6702958
- D - 6768644
- E - 6751839
- F - 6754488
- G - 105456
- H - 6763013
- J - 6758296

(See back of this page for parts nomenclature and model designation.)

### KIT N-1

Seal and Gasket Kit, P/N 6759038, Basic Converter TC 300 Series  
(For Options, see listings below marked with \*)

REF	NOMENCLATURE	PART NO	REQ
A-J	SEAL AND GASKET KIT, TC 300 Models . . . .	6759038	1
A	RING, Seal . . . . .	6753866	1
B	GASKET, Sump plate . . . . .	6754490	1
C	RING, Seal . . . . .	6702958	1
D	SEAL . . . . .	6768644	1
E	RING, Hook-type seal . . . . .	6751839	1
F	RING, Hook-type seal . . . . .	6754488	1
G	GASKET, Drain plug . . . . .	105456	1
H	RING, Seal . . . . .	6763013	8
J	RING, Seal . . . . .	6758296	1

#### \*For Units With Automotive Shaft, Rear Disconnect Clutch, or Chain Coupling Drive

In addition to Basic Seal and Gasket Kit 6759038 listed above,  
order the part listed below:

NOMENCLATURE	PART NO	QTY
KIT	6759039	1

#### \*For Units With Industrial Shaft

In addition to Basic Seal and Gasket Kit 6759038  
listed above, order parts listed below:

RING, Snap	8347316	1
SEAL	6754506	1

#### \*For Units With Governor Drive

In addition to Basic Seal and Gasket Kit 6759038 listed  
above, order the part listed below:

KIT	6759040	1
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#### \*For Units With Bevel Pinion Mounting

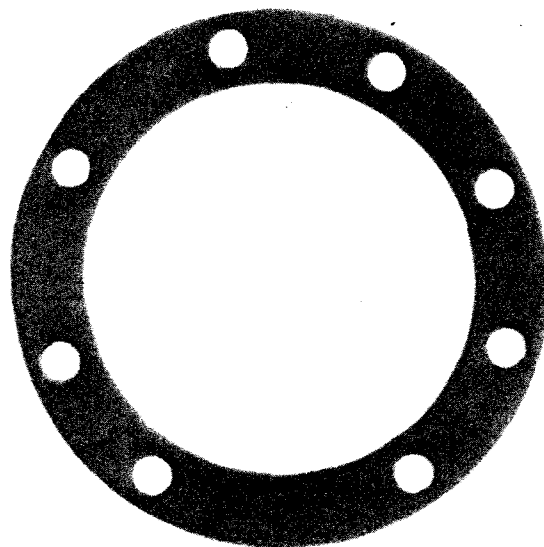
In addition to Basic Seal and Gasket Kit 6759038  
listed above, order the part listed below:

SEAL	6754506	1
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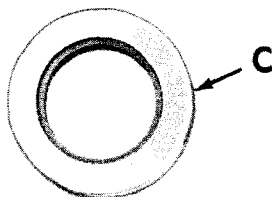
*Allison*  
**TORQMATIC CONVERTER**

**S E R V I C E  
K I T**

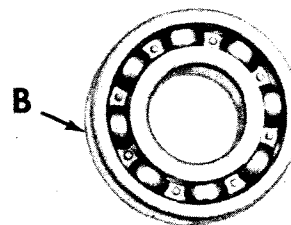
**P**



**A**



**C**



**B**

**KIT P — P/N 6759027 FOR TC-200 SERIES CONVERTERS**

A - 6753966  
B - 903307  
C - 6753857

(See back of this page for parts nomenclature and model designation.)

*Allison*  *Drives*



**KIT P — P/N 6759027**

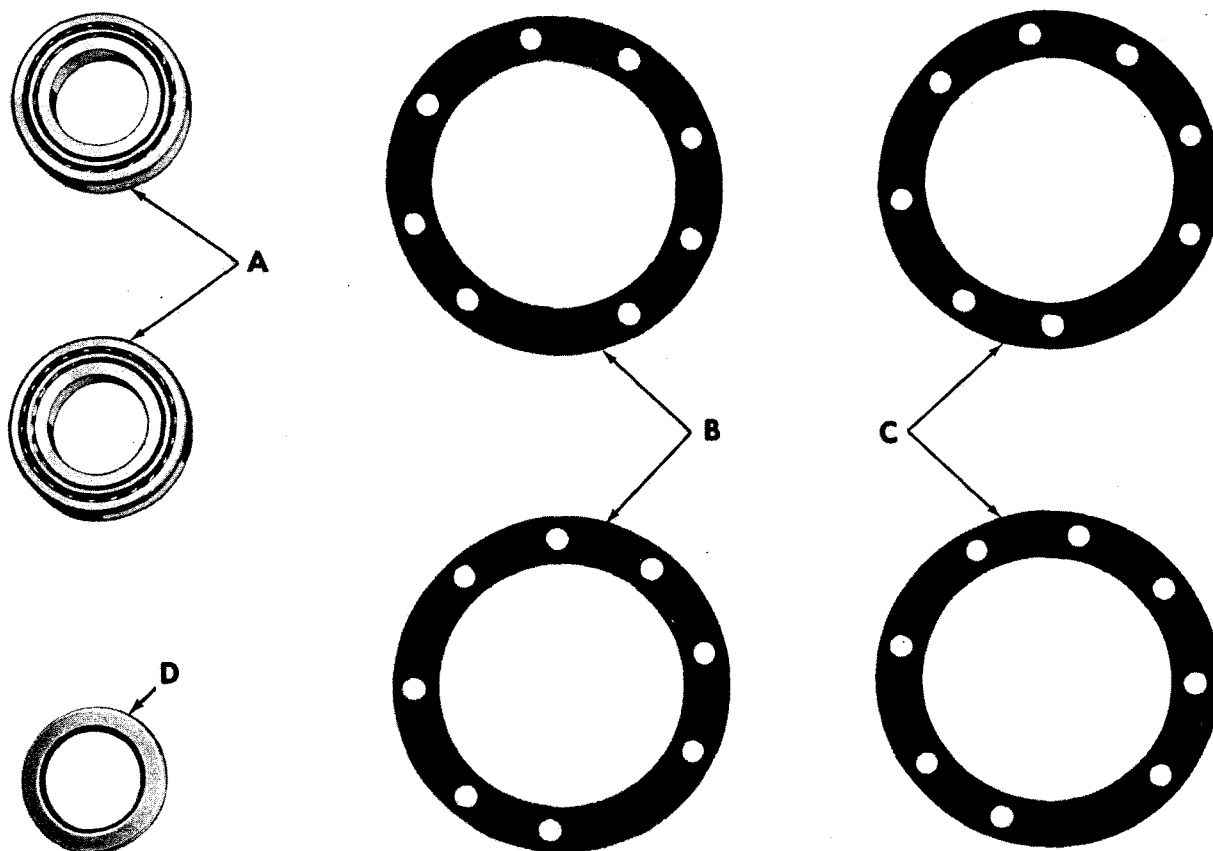
This kit for use with KIT K P/N 6759026 on units with automotive shaft, rear disconnect clutch, or chain coupling drive - TC-200 Series.

REF	NOMENCLATURE	PART NO	REQ
A-C	KIT . . . . .	6759027	1
A	GASKET, Brng rtnr . . . . .	6753966	1
B	BEARING . . . . .	903307	1
C	SEAL . . . . .	6753857	1

# Allison TORQMATIC CONVERTER

## SERVICE KIT

Q



KIT Q — P/N 6759028 FOR TC-200 SERIES CONVERTERS

A - 6751541  
B - 6753859

C - 6753860  
D - 6754506

(See back of this page for parts nomenclature and model designation.)

**KIT Q — P/N 6759028**

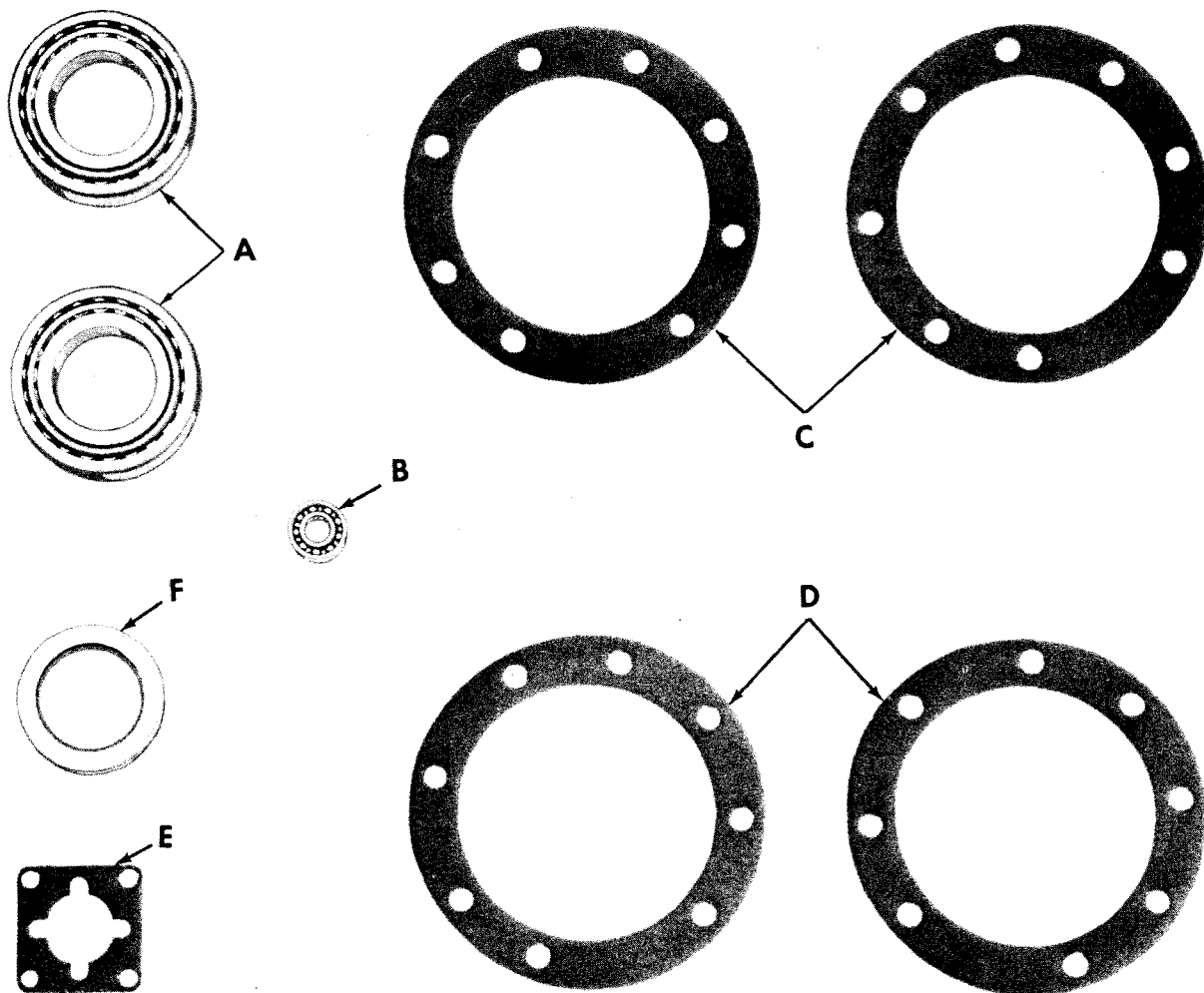
This Kit for use with KIT K P/N 6759026 on units with industrial shaft or bevel pinion mounting - TC-200 Series.

REF	NOMENCLATURE	PART NO	REQ
A-D	KIT . . . . .	6759028	1
A	BEARING . . . . .	6751541	2
B	SHIM . . . . .	6753859	2
C	SHIM . . . . .	6753860	2
D	SEAL . . . . .	6754506	1

# Allison TORQMATIC CONVERTER

## SERVICE KIT

R



### KIT R — P/N 6759029 FOR TC-200 SERIES CONVERTERS

A - 6751541  
B - 954498

C - 6753859  
D - 6753860

E - 3224773  
F - 6754506

(See back of this page for parts nomenclature and model designation.)

**KIT R — P/N 6759029**

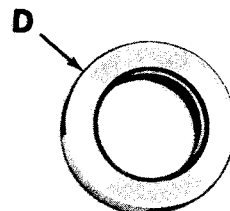
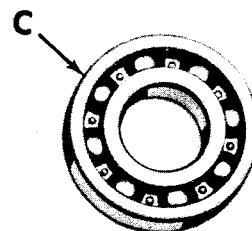
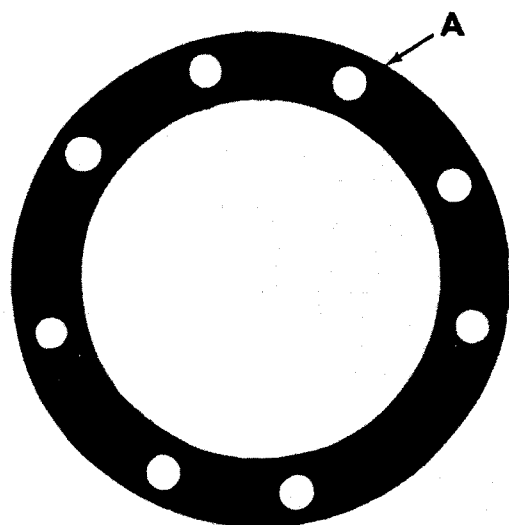
This Kit for use with KIT K P/N 6759026 on units with governor drive -  
TC-200 Series.

REF	NOMENCLATURE	PART NO	REQ
A-F	KIT . . . . .	6759029	1
A	BEARING . . . . .	6751541	2
B	BEARING . . . . .	954498	1
C	SHIM . . . . .	6753859	2
D	SHIM . . . . .	6753860	2
E	GASKET . . . . .	3224773	1
F	SEAL . . . . .	6754506	1

*Allison*  
**TORQMATIC CONVERTER**

**SERVICE  
KIT**

**S**



**KIT S — P/N 6759032 FOR TC-300 SERIES CONVERTERS**

A - 6753966  
B - 6750046

C - 903307  
D - 6753857

(See back of this page for parts nomenclature and model designation.)



**KIT S — P/N 6759032**

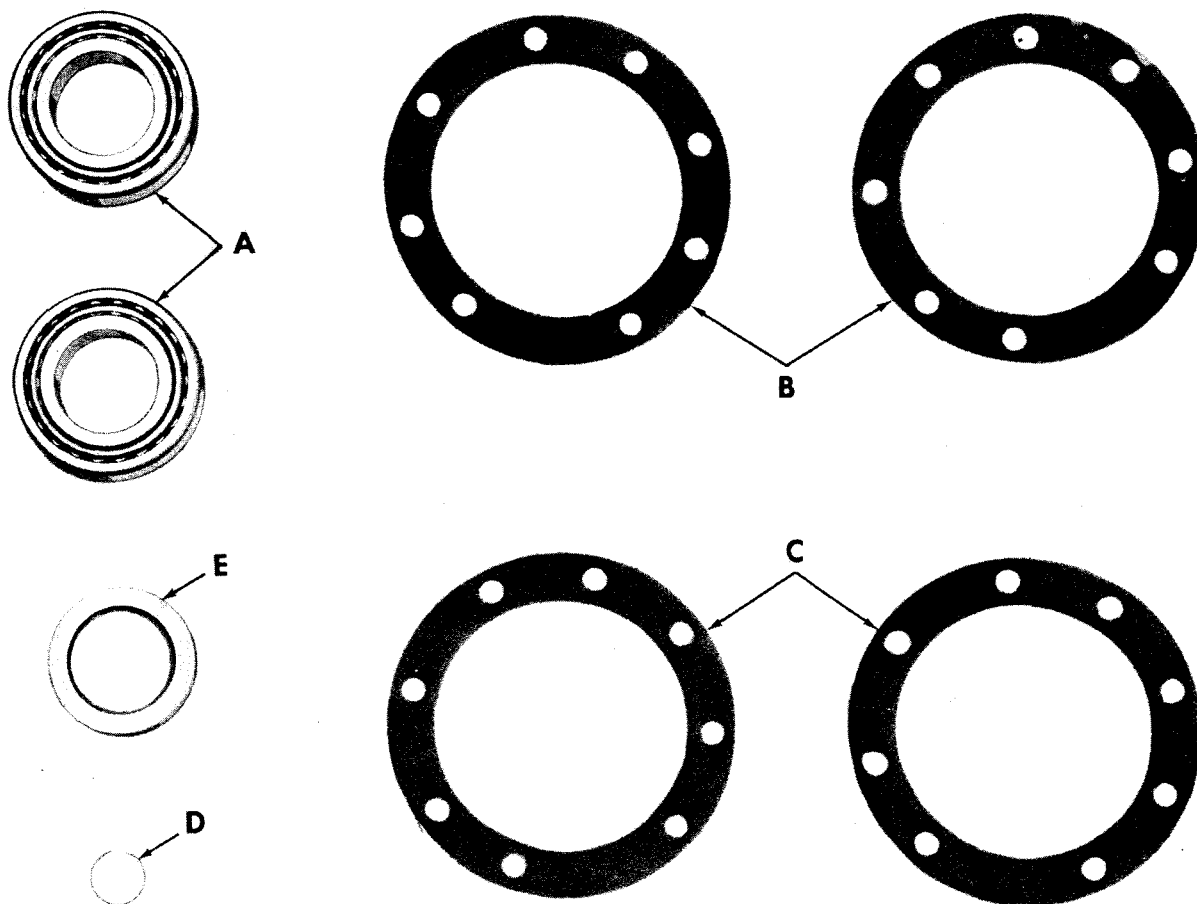
This Kit for use with KIT M P/N 6759031 on units with automotive shaft, rear disconnect clutch, or chain coupling drive - TC-300 Series.

REF	NOMENCLATURE	PART NO	REQ
A-D	KIT . . . . .	6759032	1
A	GASKET . . . . .	6753966	1
B	RING, Snap . . . . .	6750046	1
C	BEARING . . . . .	903307	1
D	SEAL . . . . .	6753857	1

*Allison*  
**TORQMATIC CONVERTER**

**SERVICE  
KIT**

**T**



**KIT T — P/N 6759033 FOR TC-300 SERIES CONVERTERS**

A - 6751541  
B - 6753860  
C - 6753859

D - 8347316  
E - 6754506

(See back of this page for parts nomenclature and model designation.)





**KIT T — P/N 6759033**

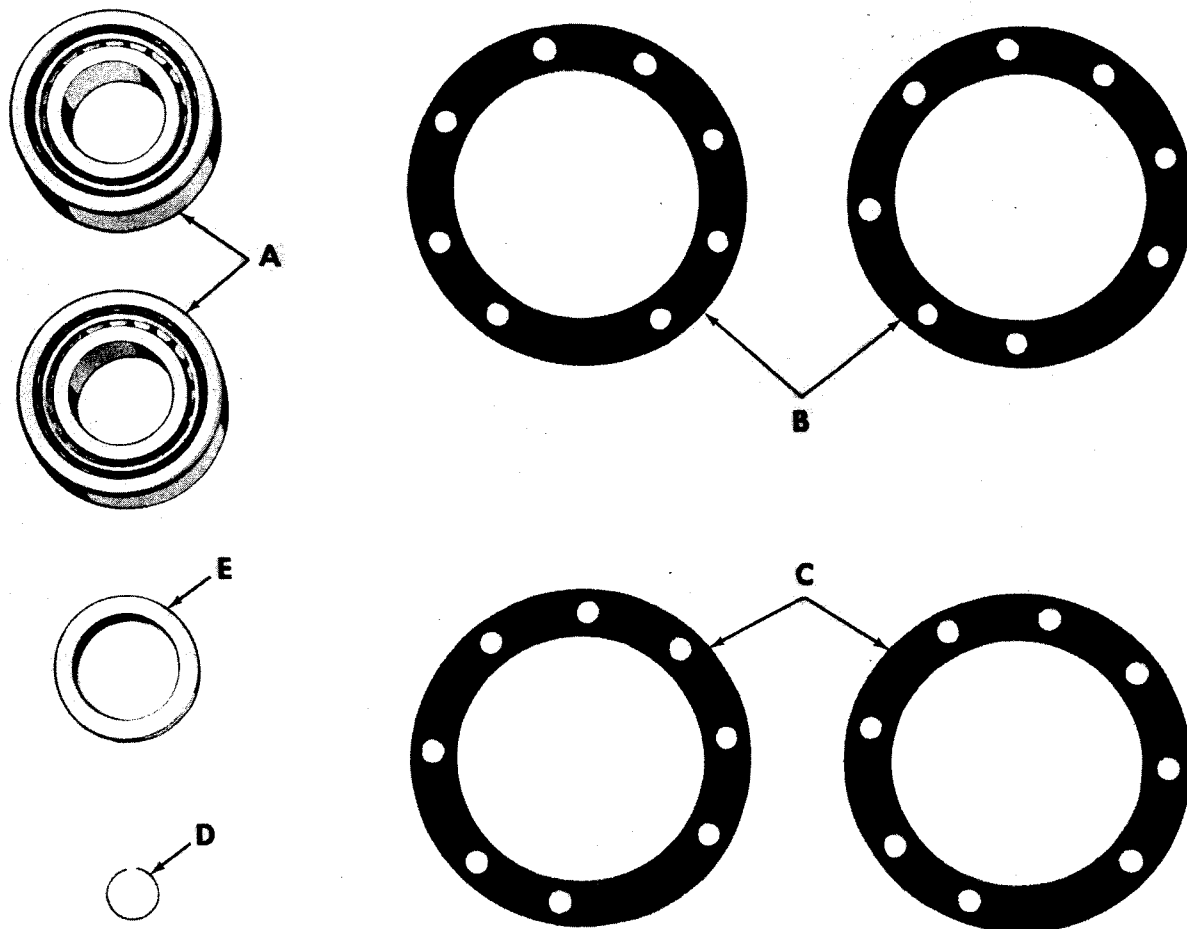
This Kit for use with KIT M P/N 6759031 on units with industrial shaft -  
TC-300 Series.

REF	NOMENCLATURE	PART NO	REQ
A-E	KIT . . . . .	6759033	1
A	BEARING . . . . .	6751541	2
B	SHIM . . . . .	6753860	2
C	SHIM . . . . .	6753859	2
D	RING, Snap . . . . .	8347316	1
E	SEAL . . . . .	6754506	1

# Allison TORQMATIC CONVERTER

## SERVICE KIT

U



KIT U — P/N 6759034 FOR TC-300 SERIES CONVERTERS

A - 456635  
B - 6753859  
C - 6753860

D - 8347316  
E - 6754506

(See back of this page for parts nomenclature and model designation.)

**KIT U — P/N 6759034**

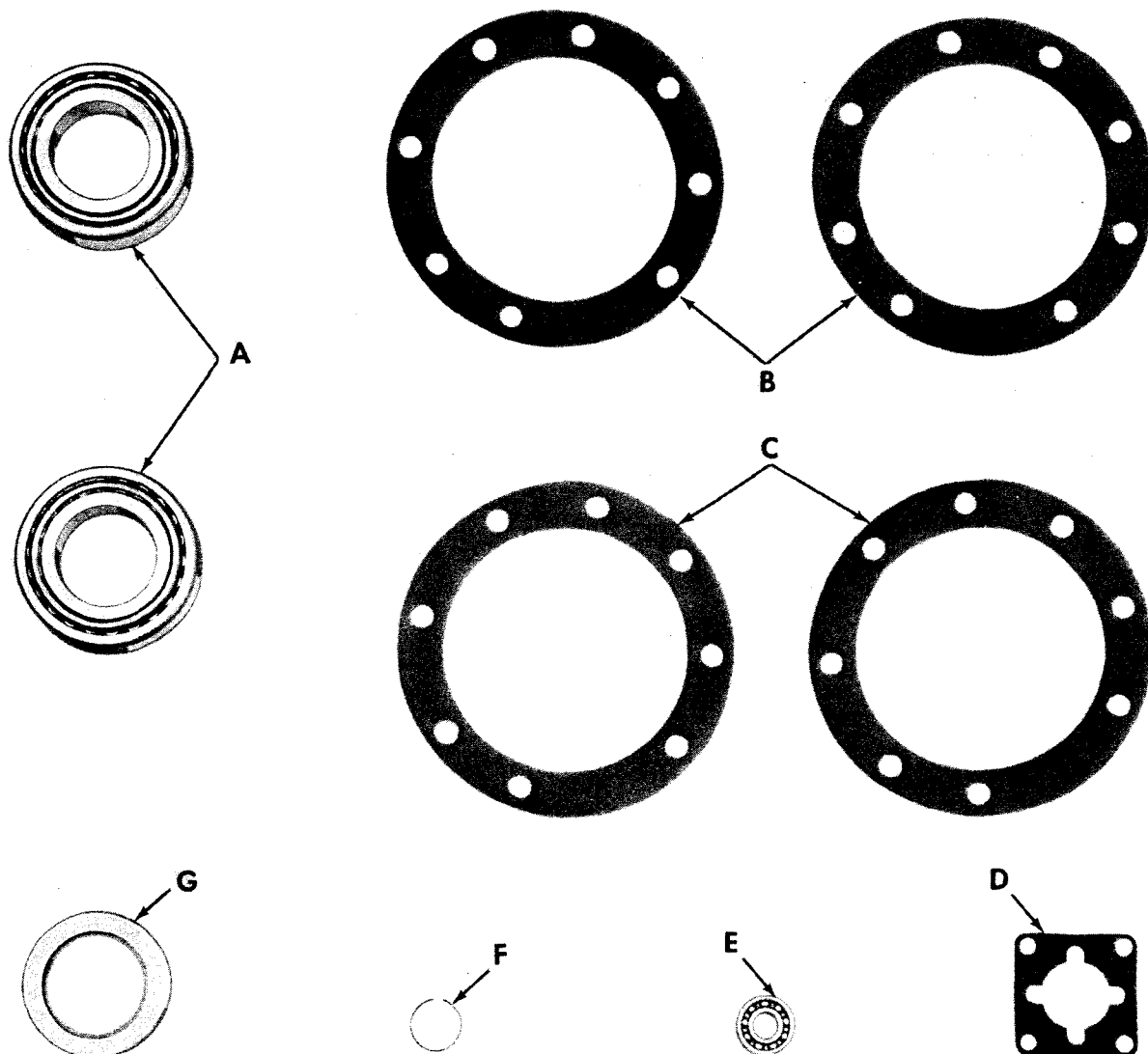
This Kit for use with KIT M P/N 6759031 on units with industrial shaft -  
with extra duty bearings - TC-300 Series.

REF	NOMENCLATURE	PART NO	REQ
A-E	KIT . . . . .	6759034	1
A	BEARING . . . . .	456635	2
B	SHIM . . . . .	6753859	2
C	SHIM . . . . .	6753860	2
D	RING, Snap . . . . .	8347316	1
E	SEAL . . . . .	6754506	1

# Allison TORQMATIC CONVERTER

## SERVICE KIT

V



### KIT V — P/N 6759035 FOR TC-300 SERIES CONVERTERS

A - 6751541  
B - 6753859  
C - 6753860

D - 3224773  
E - 954498

F - 8347316  
G - 6754506

(See back of this page for parts nomenclature and model designation.)

**KIT V — P/N 6759035**

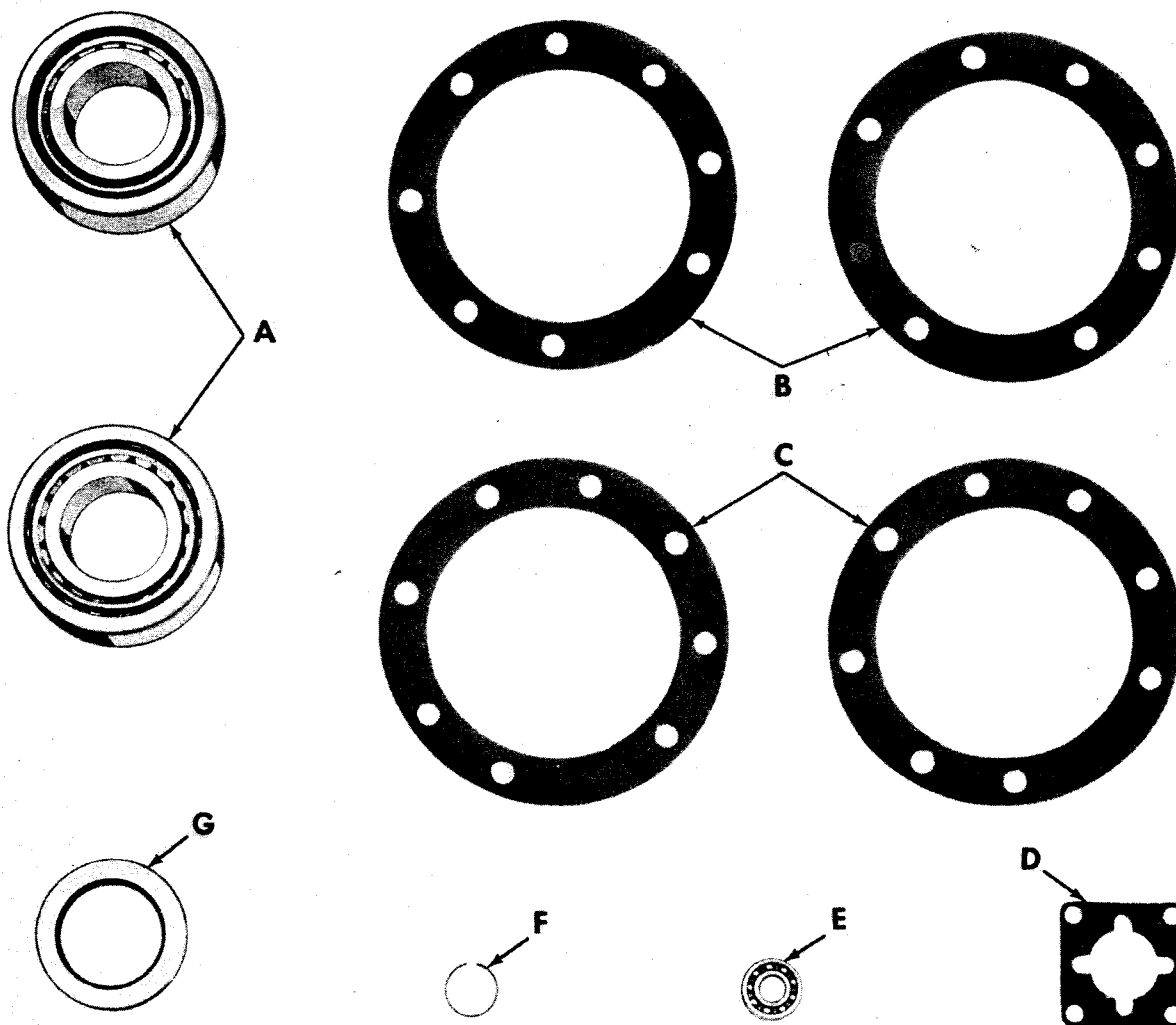
This Kit for use with KIT M P/N 6759031 on units with governor drive -  
TC-300 Series.

REF	NOMENCLATURE	PART NO	REQ
A-G	KIT . . . . .	6759035	1
A	BEARING . . . . .	6751541	2
B	SHIM . . . . .	6753859	2
C	SHIM . . . . .	6753860	2
D	GASKET . . . . .	3224773	1
E	BEARING . . . . .	954498	1
F	RING, Snap . . . . .	8347316	1
G	SEAL . . . . .	6754506	1

# Allison TORQMATIC CONVERTER

## SERVICE KIT

W



### KIT W — P/N 6759036 FOR TC-300 SERIES CONVERTERS

A - 456635  
B - 6753859  
C - 6753860

D - 3224773  
E - 954498

F - 8347316  
G - 6754506

(See back of this page for parts nomenclature and model designation.)

**KIT W -- P/N 6759036**

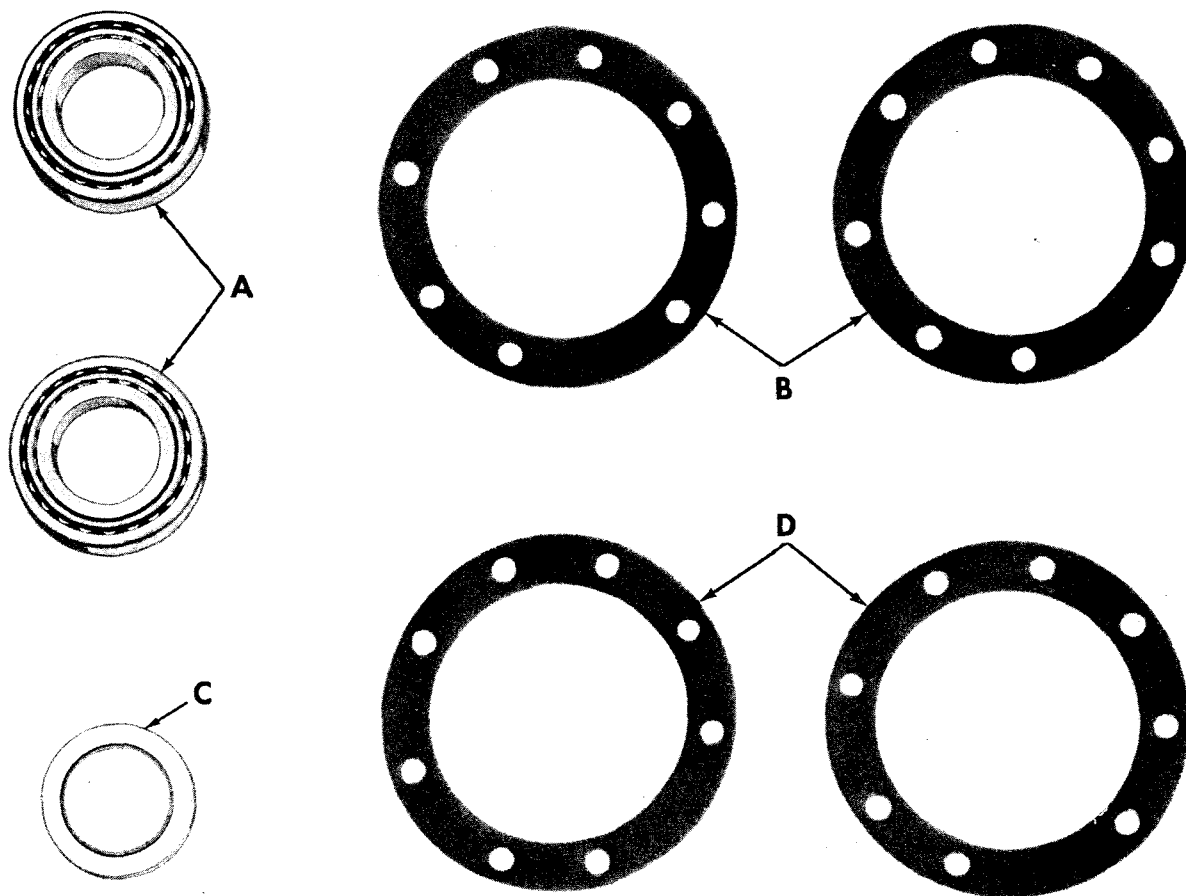
This Kit for use with KIT M P/N 6759031 on units with governor drive -  
with extra duty bearings - TC-300 Series.

REF	NOMENCLATURE	PART NO	REQ
A-G	KIT . . . . .	6759036	1
A	BEARING . . . . .	456635	2
B	SHIM . . . . .	6753859	2
C	SHIM . . . . .	6753860	2
D	GASKET . . . . .	3224773	1
E	BEARING . . . . .	954498	1
F	RING, Snap . . . . .	8347316	1
G	SEAL . . . . .	6754506	1

*Allison*  
**TORQMATIC CONVERTER**

**SERVICE  
KIT**

**X**



**KIT X — P/N 6759028 FOR TC-300 SERIES CONVERTERS**

A - 6751541  
B - 6753860

C - 6754506  
D - 6753859

(See back of this page for parts nomenclature and model designation.)

*Allison* **TORQMATIC** *Drives*



**KIT X — P/N 6759028**

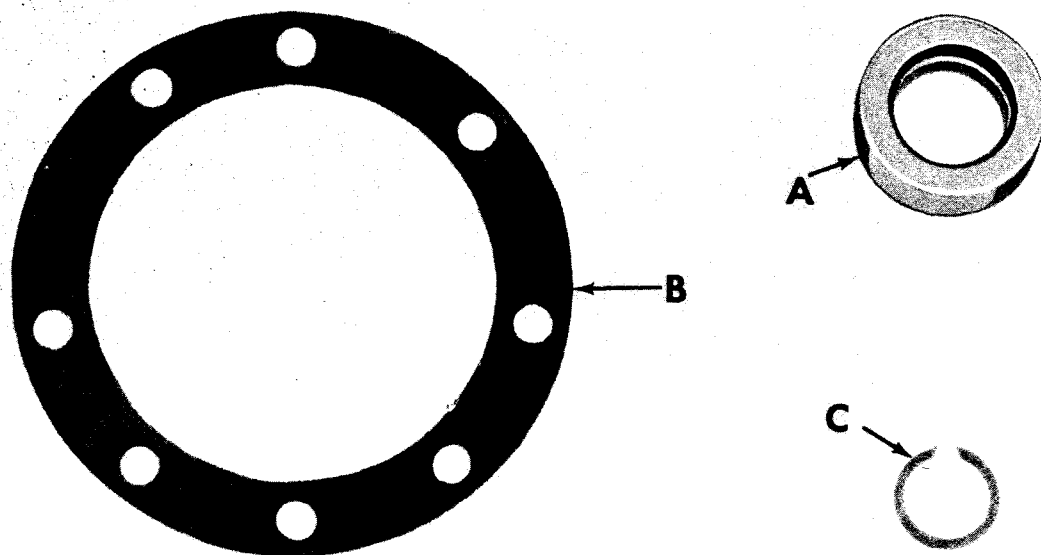
This Kit for use with KIT M P/N 6759031 on units with bevel pinion mounting -  
TC-300 Series.

REF	NOMENCLATURE	PART NO	REQ
A-D	KIT . . . . .	6759028	1
A	BEARING . . . . .	6751541	2
B	SHIM . . . . .	6753860	2
C	SEAL . . . . .	6754506	1
D	SHIM . . . . .	6753859	2

*Allison*  
**TORQMATIC CONVERTER**

**SERVICE  
KIT**

**Y**



**KIT Y — P/N 6759039 FOR TC-300 SERIES CONVERTERS**

A - 6753857  
B - 6753966  
C - 6750046

(See back of this page for parts nomenclature and model designation.)

*Allison* **(TORQMATIC)** *Drives*

**KIT Y — P/N 6759039**

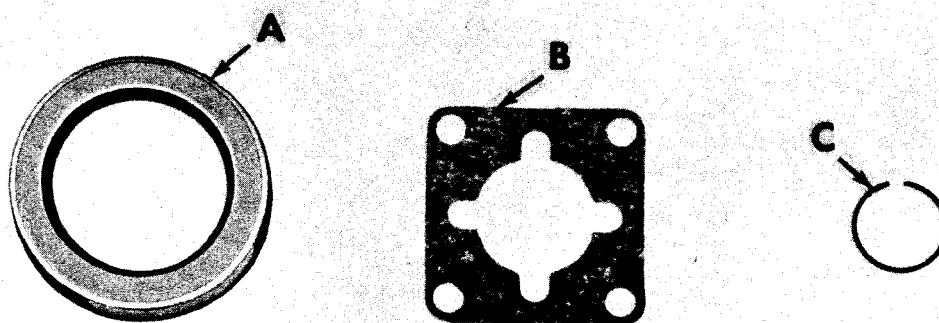
This Kit for use with KIT N P/N 6759038 on units with automotive shaft, rear disconnect clutch, or chain coupling drive - TC-300 Series.

REF	NOMENCLATURE	PART NO	REQ
A-C	KIT . . . . .	6759039	1
A	SEAL . . . . .	6753857	1
B	GASKET . . . . .	6753966	1
C	RING, Snap . . . . .	6750046	1

*Allison*  
**TORQMATIC CONVERTER**

**S E R V I C E  
K I T**

**Z**



**KIT Z — P/N 6759040 FOR TC-300 SERIES CONVERTERS**

A - 6754506  
B - 3224773  
C - 8347316

(See back of this page for parts nomenclature and model designation.)

*Allison* **TORQMATIC** *Drives*

**KIT Z — P/N 6759040**

This Kit for use with KIT N P/N 6759038 on units with governor drive -  
TC-300 Series.

REF	NOMENCLATURE	PART NO	REQ
A-C	KIT . . . . .	6759040	1
A	SEAL . . . . .	6754506	1
B	GASKET . . . . .	3224773	1
C	RING, Snap . . . . .	8347316	1