

Eaton® Fuller®
Transmissions

EATON

Illustrated Parts List

**FS-4005 Series
TRIP-0120 R2 June 1994
(P-596)**

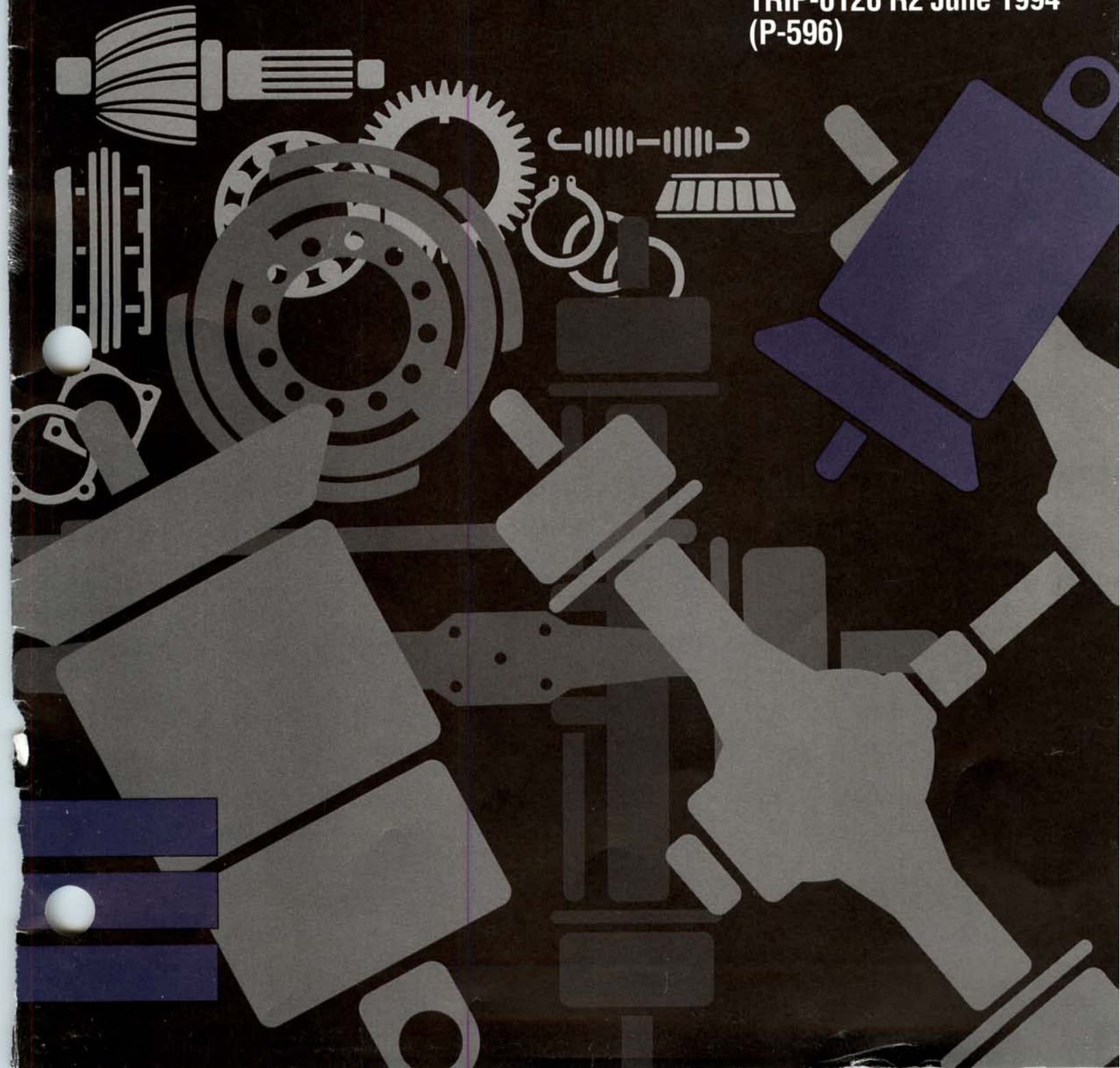
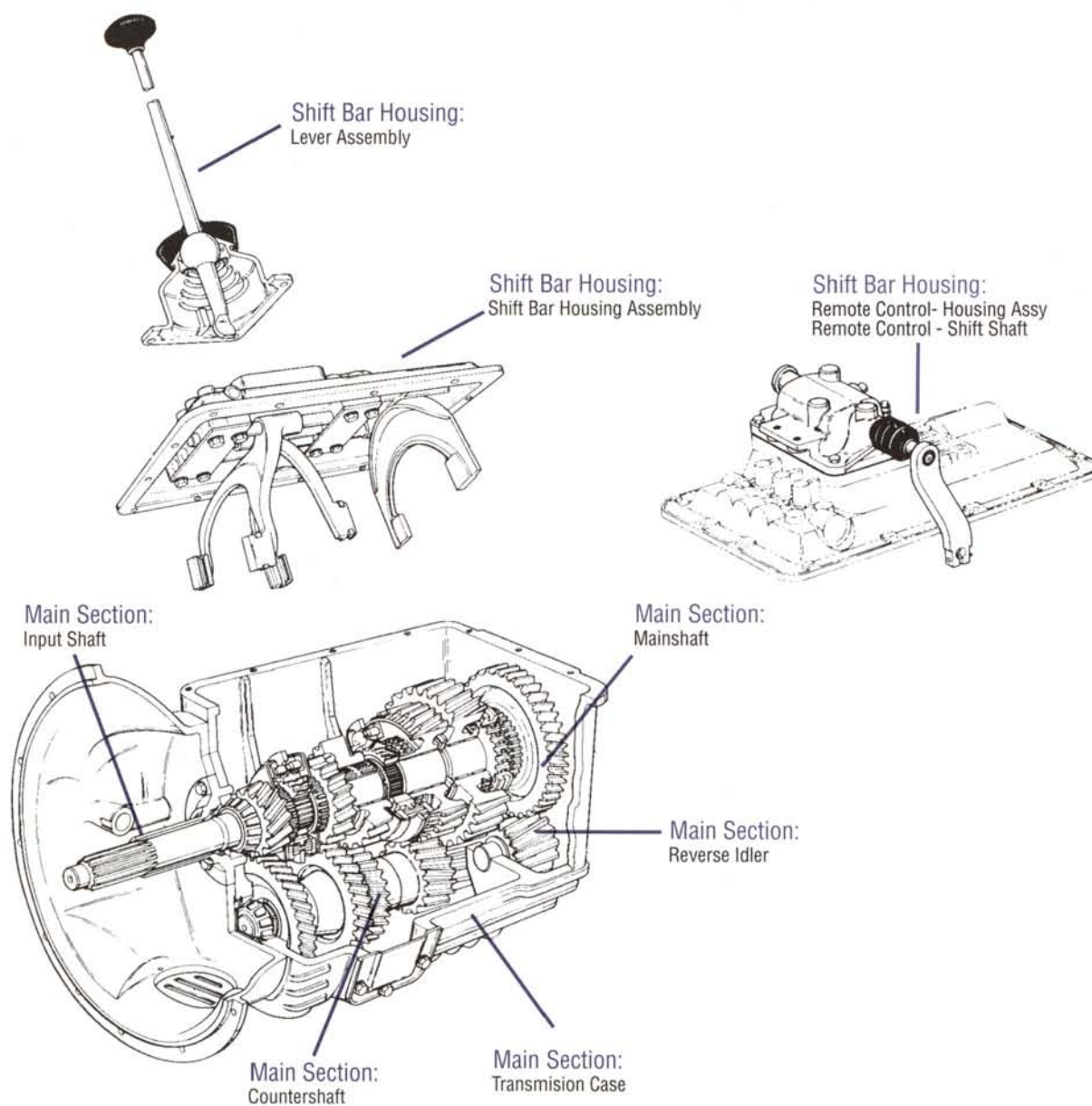




Table of Contents



00600 4/93 Medium Duty Trans

The Illustrated Parts List for this transmission series is divided into sections based on parts groupings, including:

Shift Bar Housing

Main Section

Locate the appropriate tab along the right hand side of the publication to identify parts groupings or sections and associated assemblies.

Contents

Introduction

How to Use This IPL

Using Model Designation or Nomenclature

Shift Bar Housing

Shift Bar Housing

Remote Control

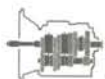
Lever Assembly

Main Section

2	Transmission Case	10
3	Mainshaft Assy	14
	Countershaft Assy	16
	Input Shaft — A-Ratio	18
4	Input Shaft — B-Ratio	20
6	Input Shaft — C-Ratio	22
8	Reverse Idler Gear Assy	22

Appendix

Kits and Assemblies – Reference	24
Kits and Assemblies - Components	25



How To Use The Illustrated Parts List

Using Model Designation or Nomenclature

- This information provides a guideline to assist you in identifying the transmission model designation or nomenclature assigned to a transmission model — information vital to identifying and ordering parts.

Kits and Assemblies (K/A's)

- Kits and Assemblies contain groups of individual or assembled parts developed for optimal replacement or repair of a service problem.
- Kits and Assemblies are shown with applicable parts groupings in the parts listings.
- See the Appendix for detailed information concerning kits applicable to this model.

Identifying Kits and Assemblies

- A — Part numbers beginning with the letter 'A' are pre-assembled Production Assemblies.
- K — Part numbers beginning with the letter 'K' are kits that are not assembled
- S — Part numbers beginning with the letter 'S' are pre-assembled Service Assemblies.
- Note: Some Production Assemblies do not begin with a letter prefix (Midrange only).

Illustrations

- Illustrations show parts in assembly groups.
- Item numbers on illustrations correspond with parts listings on pages adjacent to the illustrations.
- Notes are included on illustrations where additional information is needed.

Parts Listings

- Parts listings** are defined by parts groupings and are broken down by service assemblies.
- Parts listings** identify a part for servicing with the following categories:
 - Item Number** - correspond with numbers on illustrations for part identification
 - Current Part** - identifies part as it is available for service
 - Description** - specifies part name or description
 - Replaced Part** - identifies superseded or replaced part numbers
 - Quantity** - quantity required for assembly
 - Notes** - defines unique characteristics or requirements
 - Kits / Assy's Where Used** - indicates Kits or Assemblies that contain a particular part

Effectively using a parts listing — Example

- Follow the example below to locate and order exactly what is required for servicing.

Match to items on illustration		Use to identify Current Part		Order this quantity for servicing		Refer to this column to identify Kits or Assy's that contain the Current Part
Order this number		Indicates parts superseded or replaced by Current Part		Indicates information important to ordering or use		
Item	Current Part	Description	Replaced Part	Qty	Notes	Kits / Assy's Where Used
1	12345	Medallion		1	RT-RTO-RTX	K-5555
2	K-2000	Repair Kit-Valve		1		K-5555
3	21111	Cover	11112	1		K-5555/S-6666
4	X-0-000	Nut		1	½"-13	

Kits and Assemblies

K-5555 Small Parts Kit
K-6666 Valve Kit

Kits are noted for easy reference to the Appendix listing of Kits and Assemblies Components

Appendix

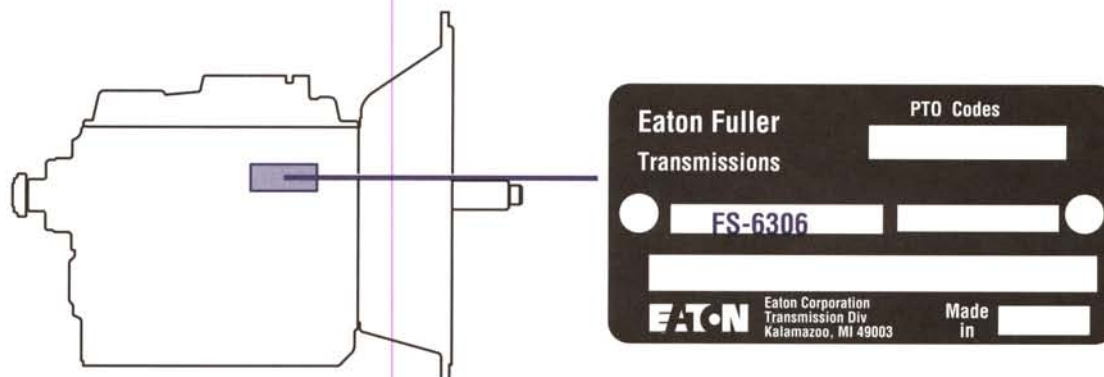
The **Appendix** contains pertinent information not easily addressed within the parts listings, a cataloging of Kits and Assemblies components and other useful information.

Using Model Designation or Nomenclature to Identify Part Requirements

Locating Transmission Tag and Identifying Model Designation

Transmission model designation (i.e. FS-6306), and other transmission identification information, are stamped on the transmission tag. To identify the transmission model designation (nomenclature), locate the tag on the transmission and then locate the model designation number as shown.

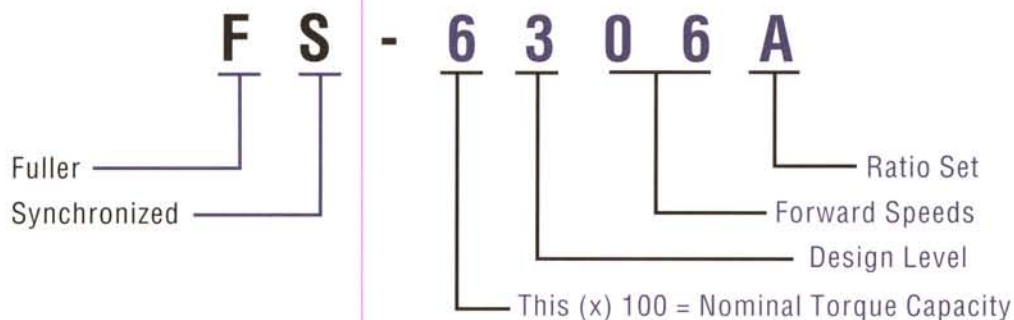
Location of transmission tag and model designation number



Using Model Designation or Nomenclature

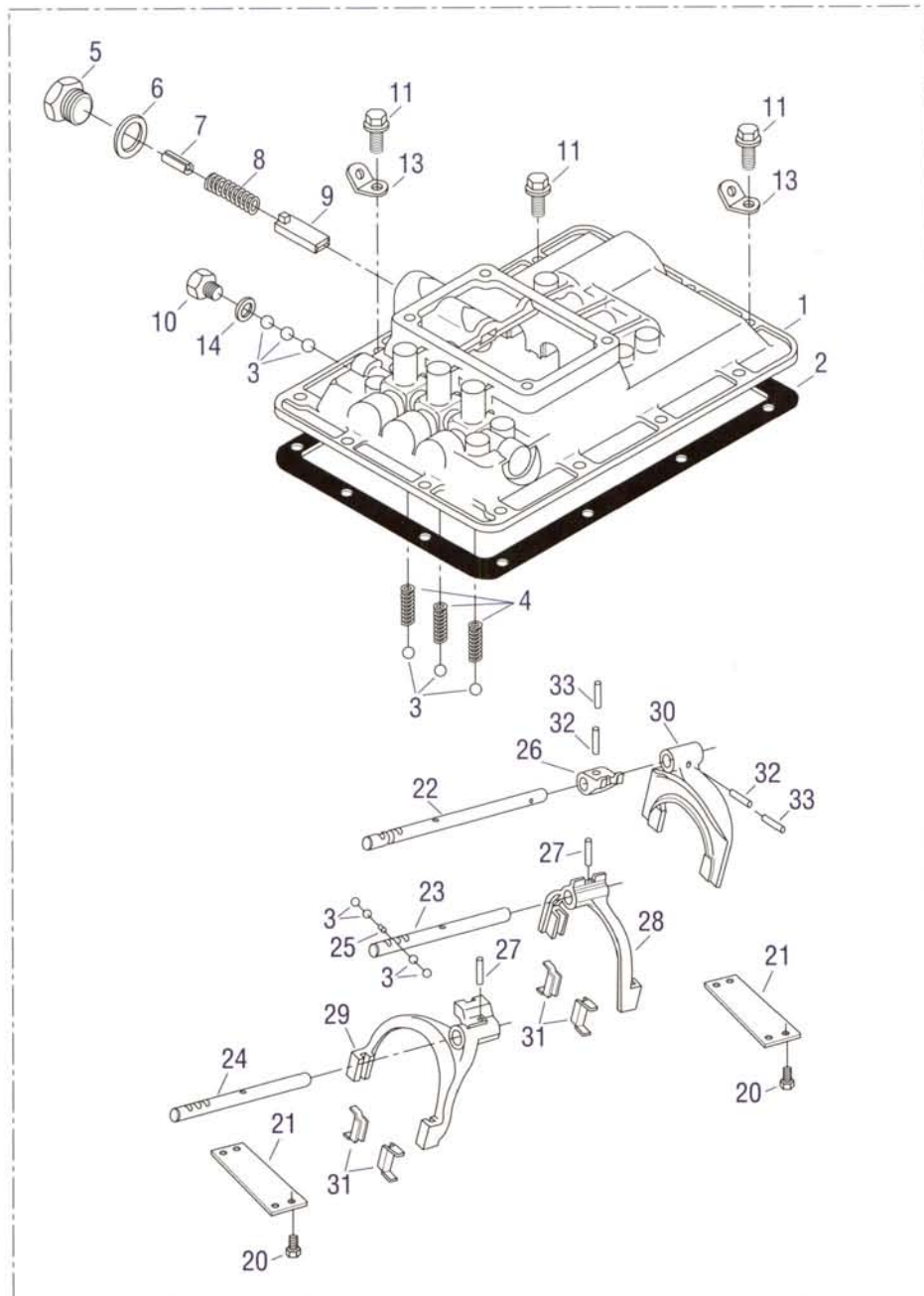
The model designation or nomenclature assigned to a transmission model provides information concerning transmission torque capacity, forward speeds, ratio set, shift bar housing and other provisions and options. Use the following guidelines to identify your transmission model designation. This information is useful when ordering parts.

Mid-Range Transmissions





Shift Bar Housing



999

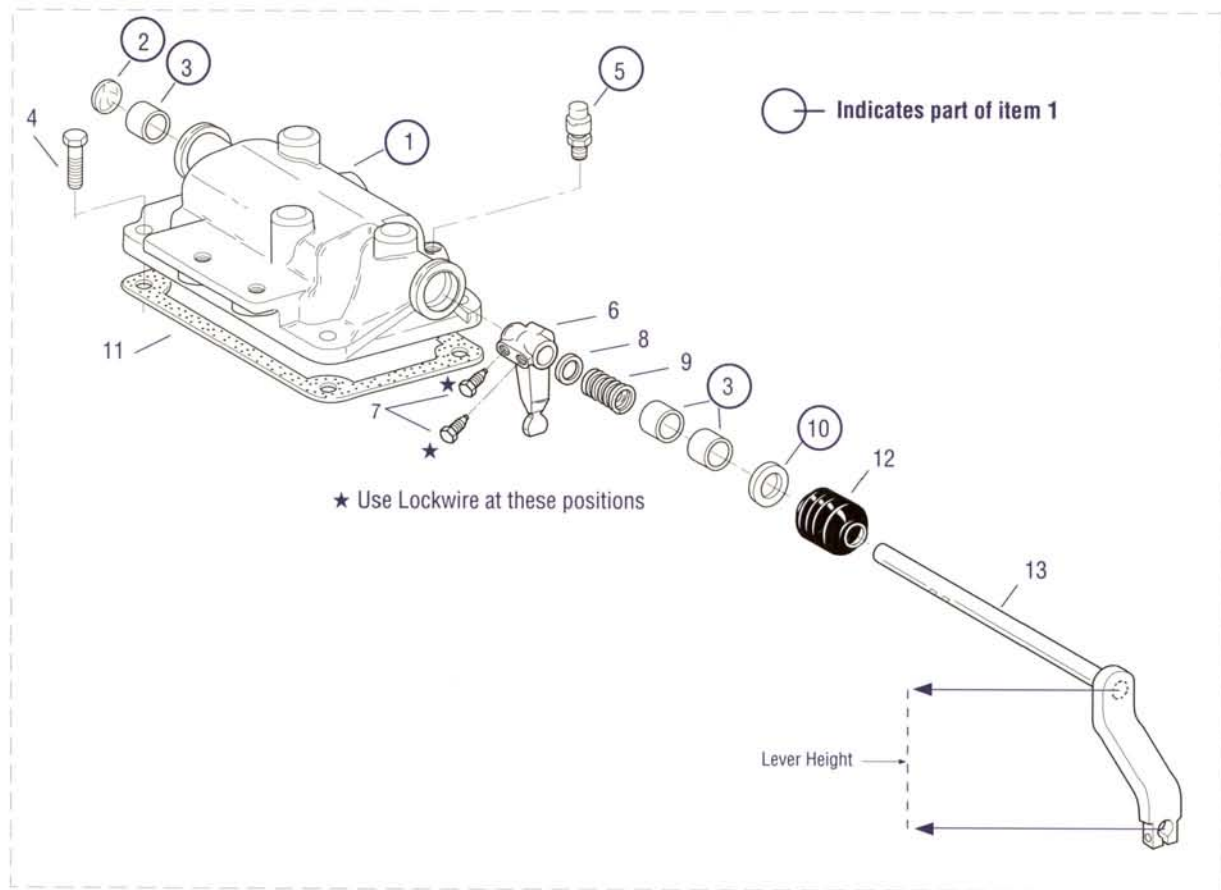
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Item	Current Part	Description	Replaced Part	Qty	Notes	Kits/Assys Where Used
1	239834	Shift Bar Hsg		1	Housing Only Reverse Switch Position - Right-Front	
1	4300336	Shift Bar Hsg		1	Housing Only Reverse Switch Position - Right-Back	
2	240038	Gasket		1		K-2143/S-7021/S-7022
3	10J14	Steel Ball		10	7/16"	
4	201045	Spring		3		
5	235621	Plug 1"		1		
6	235622	Gasket		1		K-2143
7	240496	Spacer		1		
8	233794	Spring		1		
9	23576	Plunger		1		
10	235052	Plug		1		
11	239611	Capscrew		13	3/8"-16X7/8"	
13	238370	Bracket		2		
14	15900	Gasket		1		K-2143/S-7021/S-7022
20	233043	Capscrew		8	3/8"-16X1"	
21	235608	Retainer		2		
22	4300337	Yoke Bar 1st/Rev		1	Use w/4300336 Housing	
22	4300400	Yoke Bar 1st/Rev		1	Use w/239834 Housing	
23	21548	Yoke Bar 2nd/3rd		1		
24	4300429	Yoke Bar 4th/5th		1		
25	201044	Pin		1		
26	4300402	Shift Block 1st/Rev		1		
27	14J1818	Pin		2		
28	240322	Yoke Assy 2nd/3rd	240323	1	Includes (2) 227675	
29	240324	Yoke Assy 4th/5th	240325	1	Includes (2) 227675	
30	4300401	Shift Yoke 1st/Rev		1		
31	227675	Bushing		4		K-2144
32	1JM6028	Pin		2		
33	1JM3528	Pin		2		
999	S-7021	Shift Bar Hsg Assy	239834	1	Complete Reverse Switch Position - Right-Front	
999	S-7022	Shift Bar Hsg Assy	4300336	1	Complete Reverse Switch Position - Right-Back	

Kits and Assemblies

K-2143	Gasket Kit
K-2144	Small Parts Kit
S-7021	Shift Bar Hsg Assy
S-7022	Shift Bar Hsg Assy

 Remote Control



999

00151-2-94 RCH

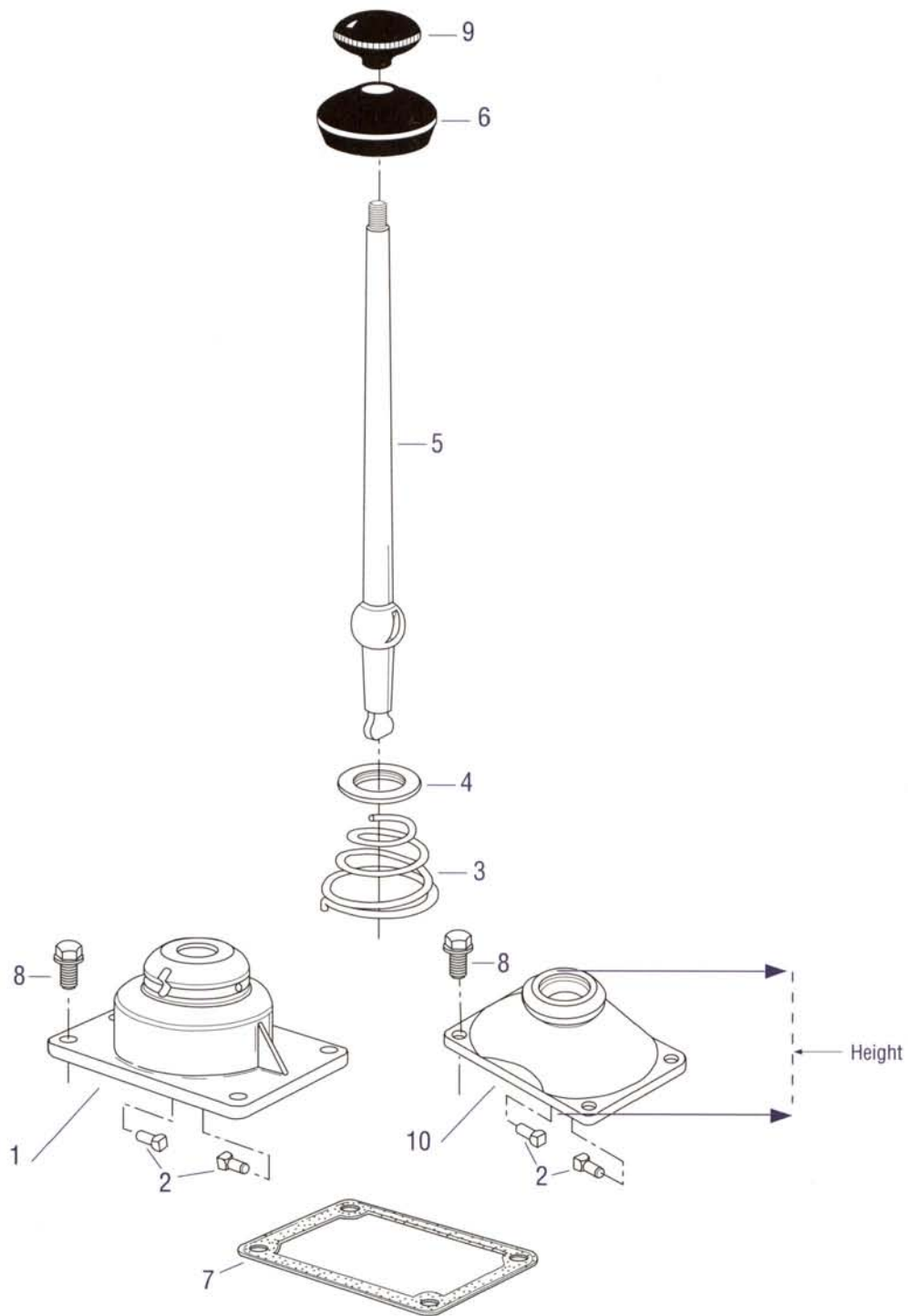
Item	Current Part	Description	Replaced Part	Qty	Notes	Kits/Assys Where Used
1	A-5739	Control Housing Assy	3316309	1	Two Drilled And Tapped Holes	
1	A-5825	Control Housing Assy	3316285	1	Three Drilled And Tapped Boss Holes	
1	3316284	Control Housing Assy	3316285	1		
2	12F100	Plug 1"		1		
3	3312252	Bushing		3		
4	X-8C-604	Capscrew		4	3/8"-16X1-1/4"	
5	3315948	Breather		1	Use With 3316284 Housing Assy	
5	4300217	Breather		1		
6	3316290	Shift Finger		1		
7	3315272	Screw		2		
8	3312745	Washer		1		
9	3315837	Spring		1		
10	3312225	Oil Seal		1		
11	4301958	Gasket		1		K-2143/S-7021/S-7022 S-1578
12	3314302	Boot		1		
13	A-5312	Shaft & Lever Assy		1	Lever Height 3-11/32"	
13	A-5473	Shaft & Lever Assy		1	Lever Height 3-3/4"	
13	3316288	Shaft & Lever Assy		1	Lever Height 5-1/8"	
999	A-5497	M/R Slave Control Assy		1	Lever Height 5-1/8"	
999	A-6028	M/R Slave Control Assy		1	Lever Height 3-3/4"	
999	A-6031	M/R Slave Control Assy		1	Lever Height 3-11/32"	

Kits and Assemblies

K-2143	Gasket Kit
S-1578	Shift Lever Assy-Low
S-7021	Shift Bar Hsg Assy
S-7022	Shift Bar Hsg Assy



Lever Assembly

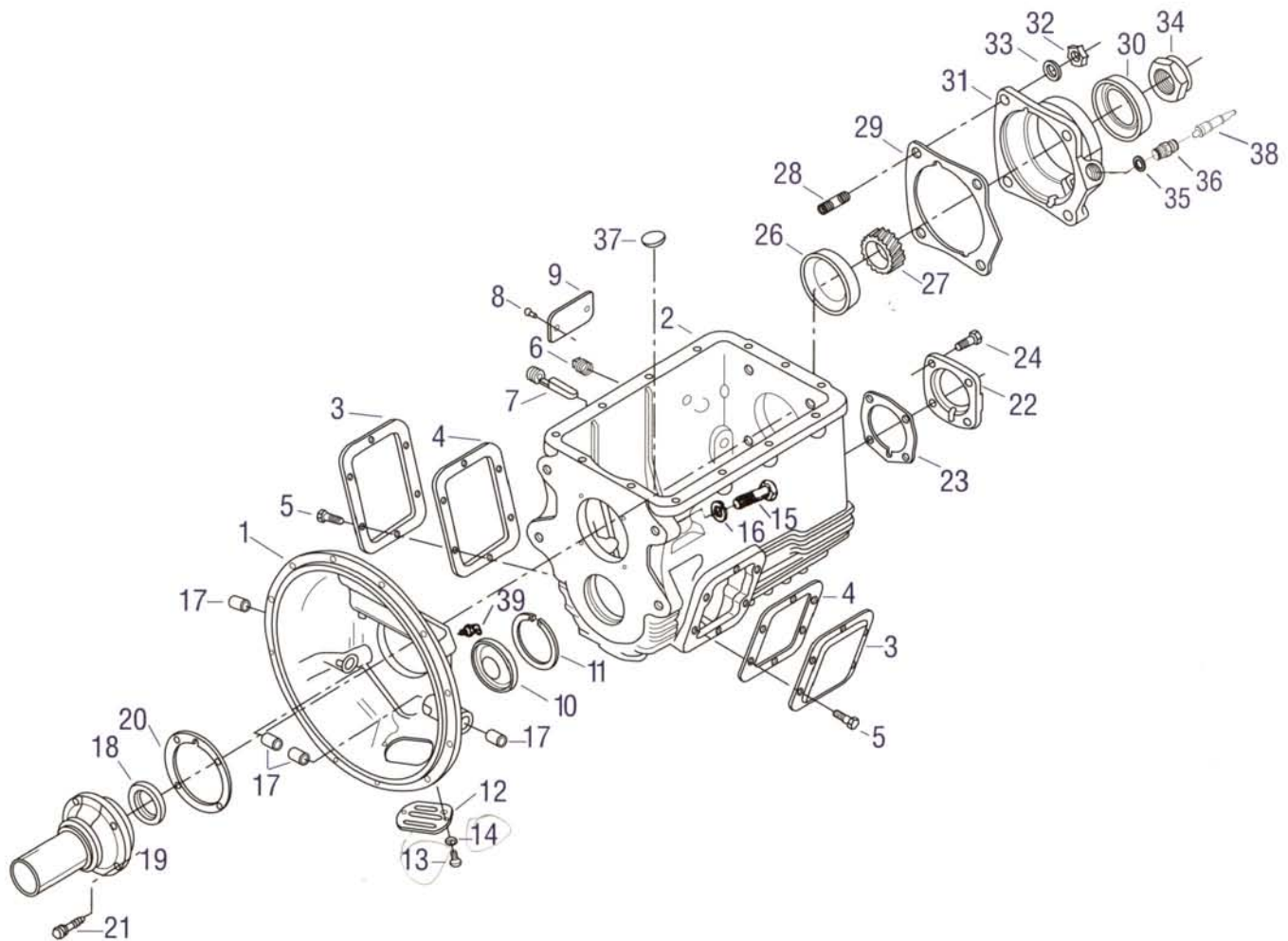


00170-4/93 LA

Item	Current Part	Description	Replaced Part	Qty	Notes	Kits/Assys Where Used
1	A-6440	Shift Lever Hsg Assy	233080	1	High - 3-1/2" Height	S-1578
2	201054	Pin		2	For Housings Without Pin Sleeves	
2	23180	Pin		2	For Housing With Pin Sleeves	S-1578/S-1642
3	4300690	Spring		1		S-1578/S-1642
4	23181	Washer		1		S-1578/S-1642
5	21722	Shift Lever		1	Use With A-6440 Straight Lever - "Bend To Suit"	S-1578
5	241076	Shift Lever		1	Use With A-6439 Straight Lever - "Bend To Suit"	S-1642
6	202484	Dust Cover		1		S-1578/S-1642
7	4301958	Gasket		1		K-2143/S-7021/S-7022
8	X-8C-604	Capscrew		4	3/8"-16X1-1/4"	
9	201401	Knob		1		
10	A-6439	Shift Lever Hsg Assy	241075	1	Medium - 3-1/8" Height	S-1642

Kits and Assemblies

K-2143	Gasket Kit
S-1578	Shift Lever Assy-High
S-1642	Shift Lever Assy-Medium
S-7021	Shift Bar Hsg Assy
S-7022	Shift Bar Hsg Assy

Transmission Case


00180-4/93 Case 42

Item	Current Part	Description	Replaced Part	Qty	Notes	Kits/Assys Where Used
1	A-5634	Clutch Hsg Assy	23726/3316236 3316237	1	#2 Pull-Aluminum w/11H15 Fittings	
1	A-5771	Clutch Hsg Assy	23726	1	#2 Pull-Aluminum	
1	A-5205	Clutch Hsg Assy	21646	1	#2 Push-Aluminum	
1	A-5751	Clutch Hsg Assy	4300418	1	#2 Push-Aluminum w/11H15 Fittings	
1	3316239	Clutch Hsg Assy	240898	1	#2 Push-Alumimun (Fork)	
1	A-5630	Clutch Hsg Assy	23722/229297	1	#2 Push-Iron	
1	A-5629	Clutch Hsg Assy	23721	1	#3 Push-Iron	
2	S-1873	Case Assy	4300816/A-5948	1		
2	S-1874	Case Assy	4300878/A-5979	1		
2	S-1875	Case Assy	4301099/A-6006	1		
2	S-1924	Case Assy	4301033/A-6001	1		
3	201398	PTO Cover		2		
4	201400	Gasket		2		K-2143
5	239613	Capscrew		12	3/8"-16X5/8"	
6	X-12-1206	Pipe Plug	X-12-1201	1	3/4"	S-1873/S-1874/S-1875/S-1924
7	X-12-1207	Pipe Plug	X-12-1202	1	3/4" Magnetic	S-1873/S-1874/S-1875/S-1924
8	207873	Screw		2		
9	23615	Name Plate		1		
10	239783	Plug		1		K-2144
11	240040	Snap Ring		1		K-2144
12	23380	Cover		1		
13	1C408	Capscrew		2	1/4"-20	
14	4E04	Lockwasher		2	1/4"	
15	1C936	Capscrew		4	9/16"-12	
16	4E09	Lockwasher		4	9/16"	
17	12815	Bushing		4		
17	8677	Bushing		2	Use w/A-5205 Clutch Hsg Assy	
18	4300121	Oil Seal		1	Shaft 1.873, Width .375, OD 2.68	K-2129
18	4300204	Oil Seal		1	Shaft 1.873, Width .375	
18	4300798	Oil Seal		1	Shaft 1.625, Width .375	K-2117/K-2120
19	22129	Front Brg Cover-Push		1	Use 4300798 Oil Seal	
19	23147	Front Brg Cover-Pull	3315538	1	Use 4300121 Oil Seal	
19	237743	Front Brg Cover-Push		1	Use 4300798 Oil Seal	
19	238104	Front Brg Cover-Push		1	Use 4300798 Oil Seal	
19	238870	Front Brg Cover-Push		1	Use 4300798 Oil Seal	
19	239821	Front Brg Cover-Push		1	Use 4300798 Oil Seal	
19	3315497	Front Brg Cover-Push		1	Use 4300798 Oil Seal	
19	3315552	Front Brg Cover-Push		1	Use 4300798 Oil Seal	
19	4300354	Front Brg Cover-Push		1	Use 4300204 Or 4300798 Oil Seal	
19	4300355	Front Brg Cover-Push		1	Use 4300204 Oil Seal	
19	4300882	Front Brg Cover-Push	237335	1	Use 4300798 Oil Seal	
20	240321	Gasket		1		K-2143
21	239614	Screw		4	3/8"-16X3/4"	
22	4300261	C/S Rear Brg Cover		1		

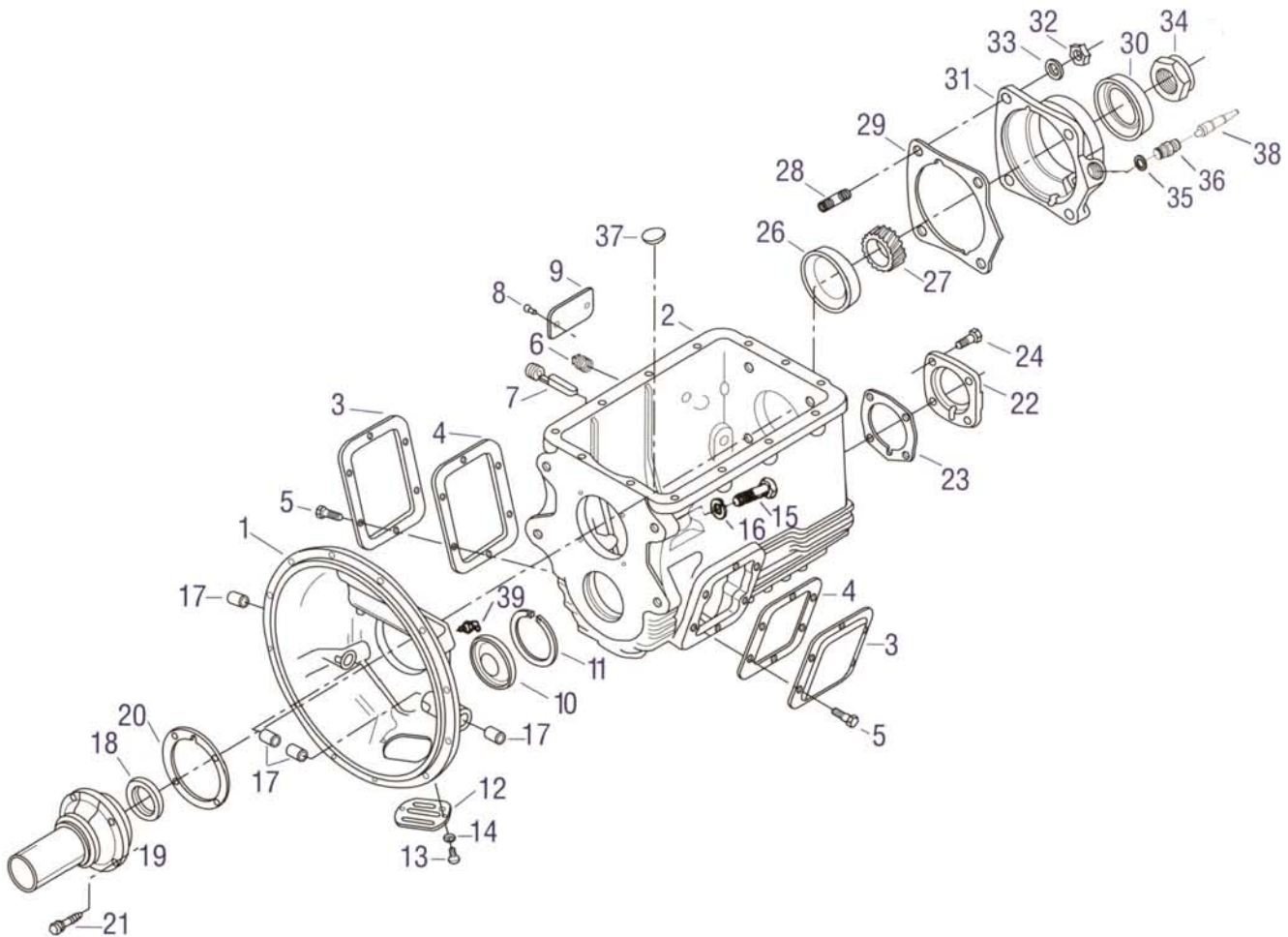
Kits and Assemblies

K-2116 Shim Kit
 K-2117 Rebuilder Kit
 K-2120 Basic Rebuild Kit
 K-2129 Basic Rebuild Kit
 K-2143 Gasket Kit

K-2144 Small Parts Kit
 S-1873 Case Assy
 S-1874 Case Assy
 S-1875 Case Assy
 S-1924 Case Assy



Transmission Case



00180-4/93 Case 42

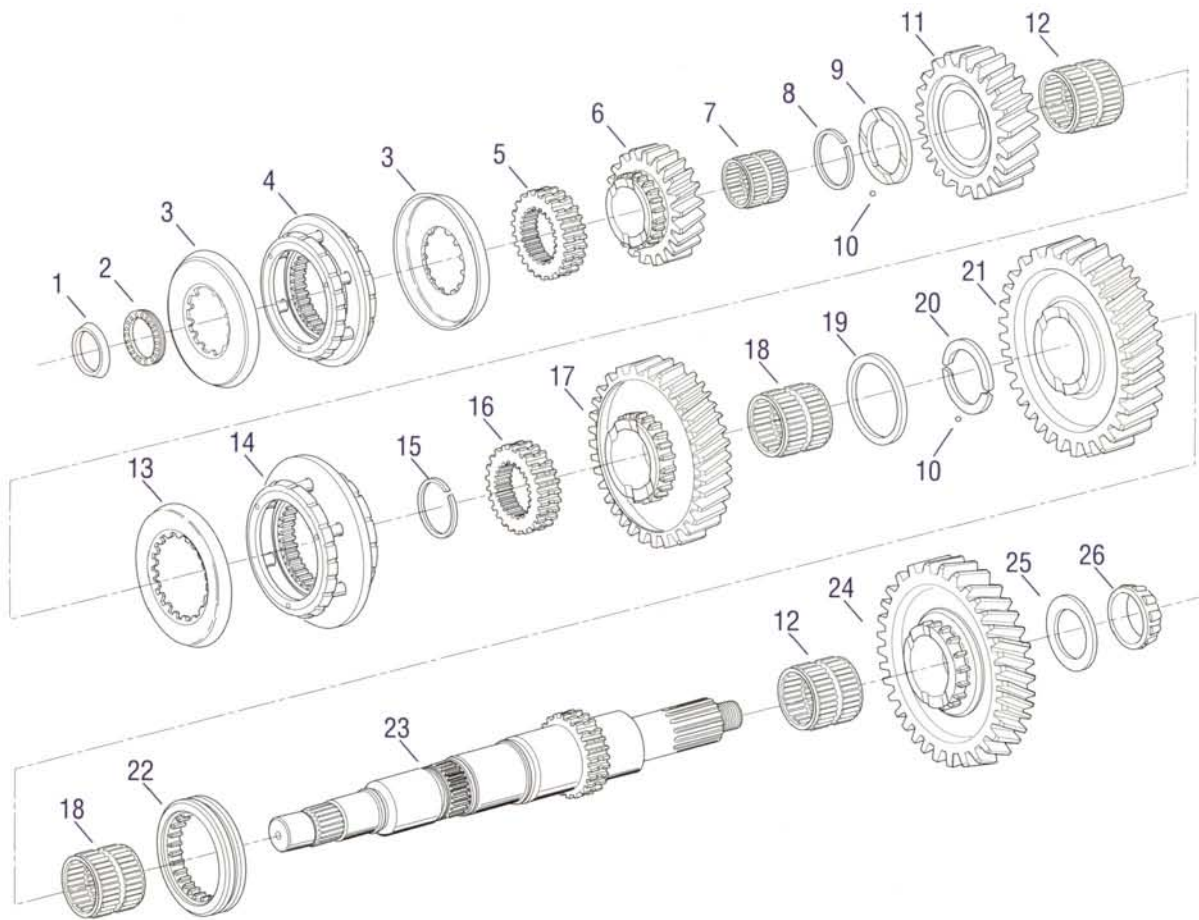
Item	Current Part	Description	Replaced Part	Qty	Notes	Kits/Assys Where Used
23	240017	Shim .004		1	Quantity As Required	K-2116
23	240018	Shim .007		1	Quantity As Required	K-2116
23	240019	Shim .010		1	Quantity As Required	K-2116
23	240020	Shim .020		1	Quantity As Required	K-2116
23	4300980	Shim .040		1		
24	X-8-688	Capscrew		4	3/8"-16X1"	
26	654166	Bearing Cup		1		K-2117/K-2120/K-2129
27	21555	Speedo Rotor		1		
27	3314356	Speedo Drive Gear		1	5 Teeth	
27	3314448	Speedo Drive Gear		1	6 Teeth	
27	86301	Speedo Drive Gear		1	5 Teeth	
28	239433	Stud		4	1/2"-20X2-5/16"	S-1873/S-1874/S-1875/S-1924
29	240329	Shim .004		1	Quantity As Required	K-2116
29	240330	Shim .007		1	Quantity As Required	K-2116
29	240331	Shim .010		1	Quantity As Required	K-2116
29	240332	Shim .020		1	Quantity As Required	K-2116
29	4300981	Shim .040		1		
30	208385	Oil Seal		1		
30	4300203	Oil Seal		1	Shaft 2.503, Width .5	K-2117/K-2120
31	K-7038	Rear Brg Cover Kit	4302614	1	Use 4300203 Oil Seal Note: Push-In Type Speedo Sensor	
31	K-7039	Rear Brg Cover Kit	4302615	1	Use 4300203 Oil Seal Note: Push-In Type Speedo Sensor	
31	S-7030	Rear Brg Cover Assy	4300845/4302037	1	Use 4300203 Oil Seal Note: Sensor Seal Required	
31	S-7031	Rear Brg Cover Assy	4301677/4302039	1	Use 4300203 Oil Seal Note: Sensor Seal Required	
31	4300846	Rear Brg Cover 241101		1	Use 4300203 Oil Seal	
31	4300849	Rear Brg Cover 241615		1	Use 4300203 Oil Seal	
31	4300877	Rear Brg Cover 241099		1	Use 4300203 Oil Seal	
31	4300970	Rear Brg Cover 3315498		1	Use 208385 Oil Seal	
31	4300972	Rear Brg Cover 241102		1	Use 4300203 Oil Seal	
31	4301053	Rear Brg Cover 241100		1	Use 4300203 Oil Seal	
31	4301985	Rear Brg Cover 23246		1	Use 4300203 Oil Seal Note: Sensor Seal Required	
32	86D08	Nut		4	1/2"-20	
33	239436	Washer		4	1/2"	
34	21937	Nut		1	1/4"-18	
35	4301954	Sensor Seal		1		S-7030/S-7031
36	86016	Sleeve		1		
37	14373	Magnet		1		S-1924
38	3313714	Speedo Driven Gear		1	17 Teeth	
38	3314433	Speedo Driven Gear		1	15 Teeth	
38	3314449	Speedo Driven Gear		1	17 Teeth	
38	3314545	Speedo Driven Gear		1	17 Teeth	
38	3315575	Speedo Driven Gear		1	16 Teeth	
38	5501502	Speedo Driven Gear		1	16 Teeth	
38	5501503	Speedo Driven Gear		1	17 Teeth	
39	11H15	Fitting-45 Degree		2		
39	12H15	Fitting-90 Degree		2		

Kits and Assemblies

K-2116 Shim Kit
 K-2117 Rebuilder Kit
 K-2120 Basic Rebuild Kit
 K-2129 Basic Rebuild Kit

S-1873 Case Assy
 S-1874 Case Assy
 S-1875 Case Assy

S-1924 Case Assy
 S-7030 Rear Brg Cover Assy
 S-7031 Rear Brg Cover Assy

 Mainshaft Assy

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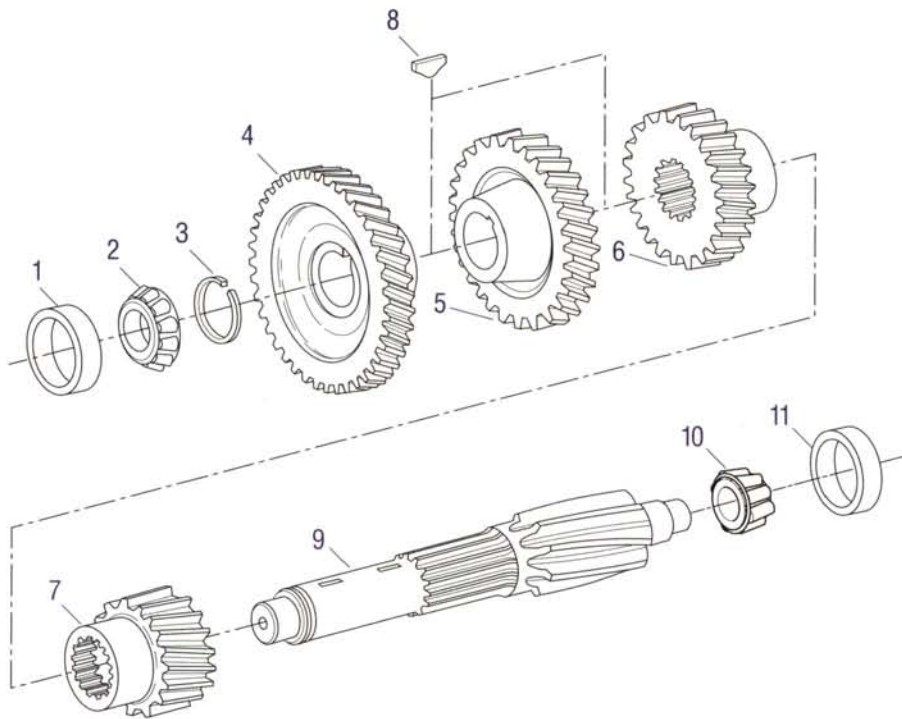
Item	Current Part	Description	Replaced Part	Qty	Notes	Kits/Assys Where Used
1	235383	Bearing Race		1		K-2117/K-2120/K-2129
2	235382	Bearing		1		K-2117/K-2120/K-2129
3	228296	Synchronizer Cup		2		K-2113/K-2117
4	A-5401	Synchronizer Assy 4/5		1		K-2113/K-2117
5	23694	Clutch Hub 4/5		1		
6	22079	4th Gear-Mainshaft		1	A/B-Ratios	
6	239815	4th Gear-Mainshaft		1	C-Ratio	
7	239651	Bearing		1		K-2117/K-2120/K-2129
8	224069	Snap Ring		1		
9	23127	Washer		1		
10	10J06	Steel Ball		2	3/16"	K-2144
11	21546	3rd Gear-Mainshaft		1		
12	239818	Bearing		2		K-2117/K-2120/K-2129
13	228306	Synchronizer Cup		1		K-2114/K-2117
14	A-5693	Synchronizer Assy 2/3	A-5254/A-5543	1		K-2114/K-2117
15	240037	Snap Ring		1		K-2144
16	21547	Clutch Hub 2/3		1		
17	21545	2nd Gear-Mainshaft		1		
18	239653	Bearing		2		K-2117/K-2120/K-2129
19	235379	Retainer		1		K-2144
20	235378	Split Washer		2		K-2144
21	239787	1st Gear-Mainshaft		1		
22	239832	Sliding Clutch		1		
23	23695	Mainshaft		1		
24	239789	Reverse Gear-Mainshaft		1		
25	240026	Washer		1		K-2144
26	654137	Bearing Cone		1		K-2117/K-2120/K-2129

Kits and Assemblies

K-2113	Synchronizer Kit
K-2114	Synchronizer Kit
K-2117	Rebuilder Kit
K-2120	Basic Rebuild Kit
K-2129	Basic Rebuild Kit
K-2144	Small Parts Kit



Countershaft Assy



00300-4/93 CS 42

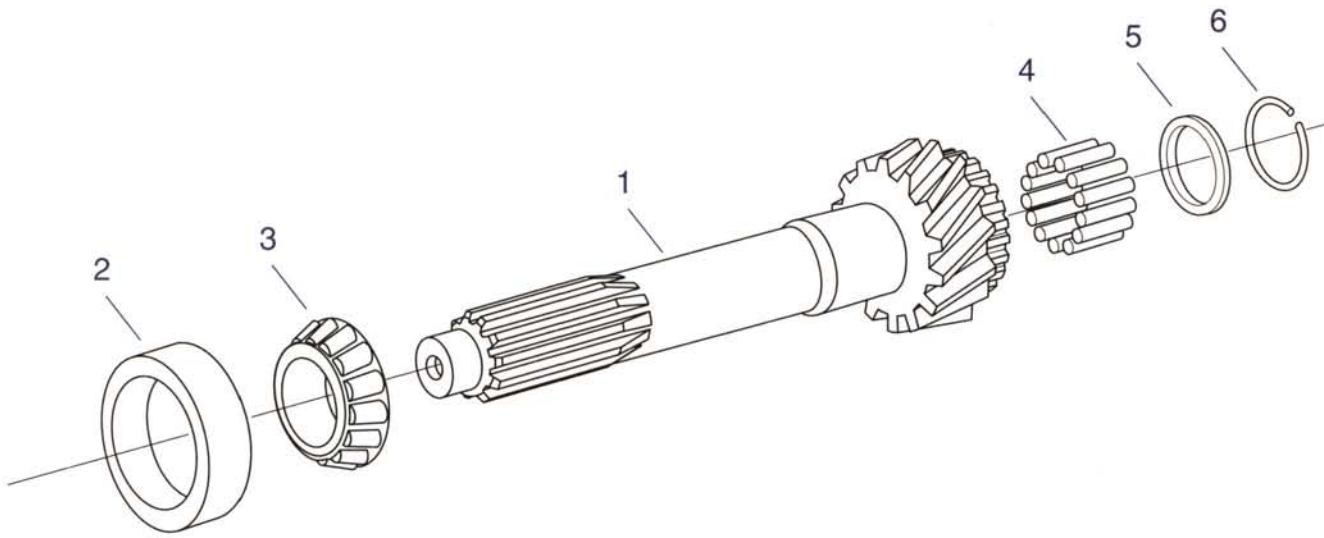
Item	Current Part	Description	Replaced Part	Qty	Notes	Kits/Assys Where Used
1	672070	Bearing Cup		1		K-2117/K-2120/K-2129
2	675246	Bearing Cone		1		K-2117/K-2120/K-2129
3	240767	Snap Ring		1		K-2144
4	241012	Drive Gear-Cntrshft		1	A-Ratio	
4	241013	Drive Gear-Cntrshft		1	B/C-Ratio	
5	22080	4th Gear-Cntrshft		1	A/B-Ratio	
5	241015	4th Gear-Cntrshft		1	C-Ratio	
6	241016	3rd Gear-Cntrshft		1		
7	241017	2nd Gear-Cntrshft		1		
8	230292	Key		2		K-2144
9	241018	Countershaft		1		
10	666554	Bearing Cone		1		K-2117/K-2120/K-2129
11	730362	Bearing Cup		1		K-2117/K-2120/K-2129

Kits and Assemblies

K-2117	Rebuilder Kit
K-2120	Basic Rebuild Kit
K-2129	Basic Rebuild Kit
K-2144	Small Parts Kit



Input Shaft — A-Ratio



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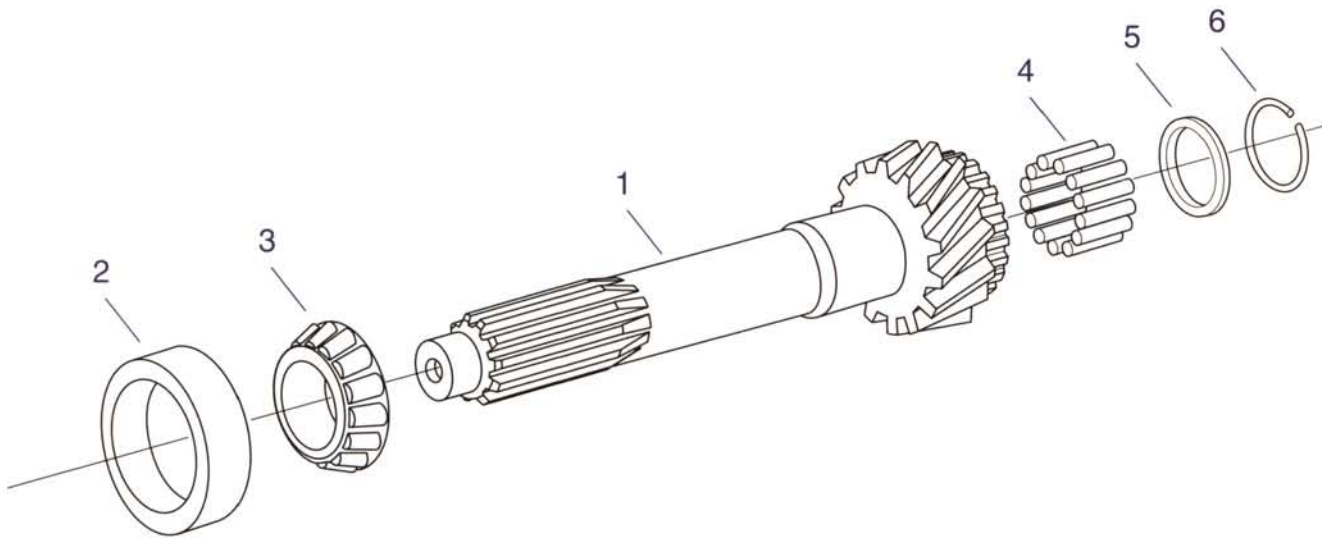
Item	Current Part	Description	Replaced Part	Qty	Notes	Kits/Assys Where Used
1	239813	Input Shaft-1.375" Push		1	Use 237743 Front Brg Cover	
1	3316412	Input Shaft-1.375" Push		1	Use 3315303 Front Brg Cover	
1	23056	Input Shaft-1.50" Push		1	Use 3315303 Front Brg Cover	
1	239802	Input Shaft-1.50" Push		1	Use 4300882 Or 238870 Front Brg Cover	
1	239803	Input Shaft-1.50" Push		1	Use 4300882 Or 239821 Front Brg Cover	
1	239806	Input Shaft-1.50" Push		1	Use 22129 Front Brg Cover	
1	4300414	Input Shaft-1.50" Push		1	Use 4300354 Or 4300355 Front Brg Cover	
1	4301050	Input Shaft-1.50" Push		1	Use 4300882 Front Brg Cover	
1	4301051	Input Shaft-1.50" Push		1	Use 4300882 Front Brg Cover	
1	23144	In/Shaft-1.50" Push/Pull		1	Use 23147 Front Brg Cover	
1	3315857	In/Shaft-1.75" Push/Pull		1	Use 23147 Or 3315538 Front Brg Cover	
2	1314774	Bearing Cup		1	1.375" & 1.50" Input	K-2117/K-2120
2	235417	Bearing Cup		1	1.75" Input	K-2129
3	1314773	Bearing Cone		1	1.375" & 1.50" Input	K-2117/K-2120
3	235418	Bearing Cone		1	1.75" Input	K-2129
4	235414	Bearing		14		K-2117/K-2120/K-2129
5	235415	Washer		1		K-2144
6	235416	Snap Ring		1		K-2144

Kits and Assemblies

K-2117	Rebuilder Kit
K-2120	Basic Rebuild Kit
K-2129	Basic Rebuild Kit
K-2144	Small Parts Kit



Input Shaft — B-Ratio



00400-4/93 IS 42

Item	Current Part	Description	Replaced Part	Qty	Notes	Kits/Assys Where Used
1	3316370	Input Shaft-1.375" Push		1	Use 3315303 Front Brg Cover	
1	239807	Input Shaft-1.50" Push		1	Use 4300882 Front Brg Cover	
1	239808	Input Shaft-1.50" Push		1	Use 239821 Or 4300882 Front Brg Cover	
1	239809	Input Shaft-1.50" Push		1	Use 238104 Front Brg Cover	
1	239812	Input Shaft-1.50" Push		1	Use 22129 Or 238870 Front Brg Cover	
1	4300420	Input Shaft-1.50" Push		1	Use 4300355 Front Brg Cover	
1	4300883	Input Shaft-1.50" Push		1	Use 4300882 Front Brg Cover	
1	4300884	Input Shaft-1.50" Push		1	Use 4300882 Front Brg Cover	
1	23145	In/Shaft-1.50" Push/Pull		1	Use 23147 Front Brg Cover	
1	240489	In/Shaft-1.75" Push/Pull		1	Use 23147 Front Brg Cover	
1	3315536	In/Shaft-1.75" Push/Pull		1	Use 23147 Or 3315538 Front Brg Cover	
2	1314774	Bearing Cup		1	1.375" & 1.50" Input	K-2117/K-2120
2	235417	Bearing Cup		1	1.75" Input	K-2129
3	1314773	Bearing Cone		1	1.375" & 1.50" Input	K-2117/K-2120
3	235418	Bearing Cone		1	1.75" Input	K-2129
4	235414	Bearing		14		K-2117/K-2120/K-2129
5	235415	Washer		1		K-2144
6	235416	Snap Ring		1		K-2144

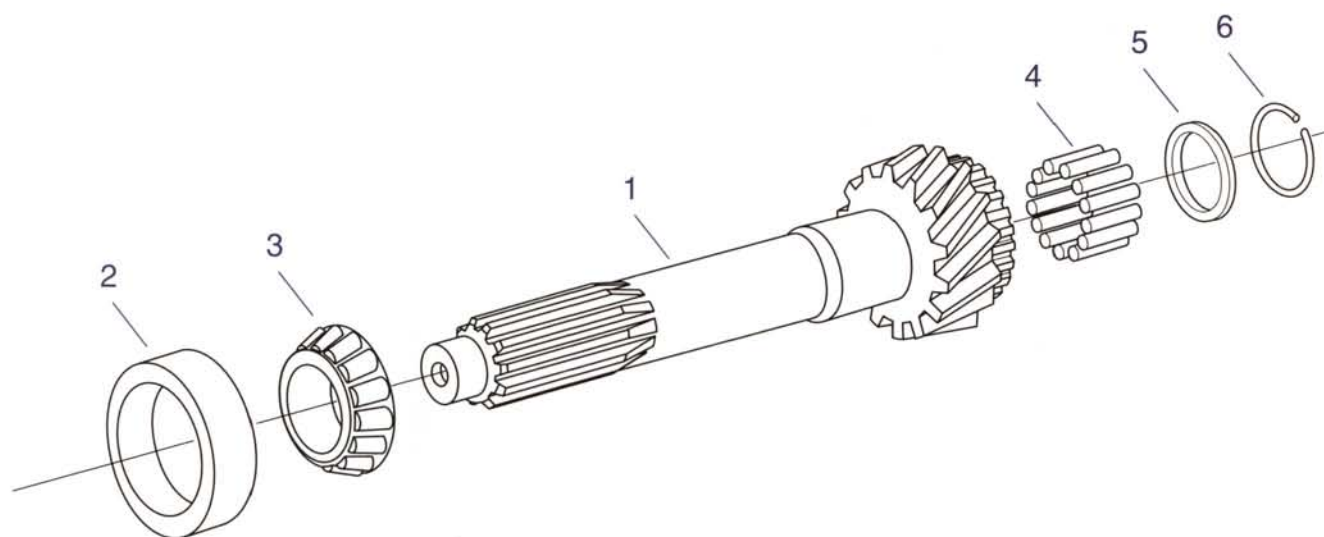
Kits and Assemblies

K-2117	Rebuilder Kit
K-2120	Basic Rebuild Kit
K-2129	Basic Rebuild Kit
K-2144	Small Parts Kit



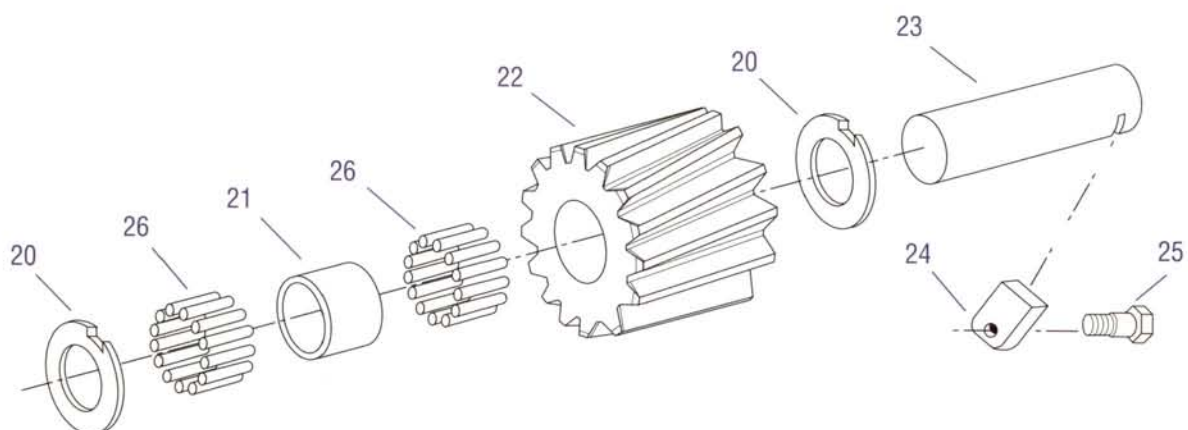
Input Shaft — C-Ratio / Reverse Idler Gear Assy

Input Shaft



00400-4/93 IS 42

Reverse Idler Gear Assy



00450-4/93 RI 42

Input Shaft

Item	Current Part	Description	Replaced Part	Qty	Notes	Kits/Assys Where Used
1	239807	Input Shaft-1.50" Push		1	Use 4300882 Front Brg Cover	
1	239808	Input Shaft-1.50" Push		1	Use 239821 Or 4300882 Front Brg Cover	
1	239809	Input Shaft-1.50" Push		1	Use 238104 Front Brg Cover	
1	239812	Input Shaft-1.50" Push		1	Use 22129 Or 238870 Front Brg Cover	
1	4300420	Input Shaft-1.50" Push		1	Use 4300355 Front Brg Cover	
1	4300883	Input Shaft-1.50" Push		1	Use 4300882 Front Brg Cover	
1	4300884	Input Shaft-1.50" Push		1	Use 4300882 Front Brg Cover	
1	23145	In/Shaft-1.50" Push/Pull		1	Use 23147 Front Brg Cover	
1	240489	In/Shaft-1.75" Push/Pull		1	Use 23147 Front Brg Cover	
1	3315536	In/Shaft-1.75" Push/Pull		1	Use 23147 Or 3315538 Front Brg Cover	
2	1314774	Bearing Cup		1	1.50" Input	K-2117/K-2120
2	235417	Bearing Cup		1	1.75" Input	K-2129
3	1314773	Bearing Cone		1	1.50" Input	K-2117/K-2120
3	235418	Bearing Cone		1	1.75" Input	K-2129
4	235414	Bearing		14		K-2117/K-2120/K-2129
5	235415	Washer		1		K-2144
6	235416	Snap Ring		1		K-2144

Reverse Idler Gear Assy

Item	Current Part	Description	Replaced Part	Qty	Notes	Kits/Assys Where Used
20	240023	Washer		2		K-2144
21	240024	Spacer		1		K-2144
22	239799	Idler Gear		1		
23	240022	Idler Shaft		1		
24	201929	Shaft Lock		1		
25	239611	Capscrew		1	3/8"-16X7/8"	
26	235376	Bearing		52		K-2117/K-2120/K-2129

Kits and Assemblies

K-2117	Rebuilder Kit
K-2120	Basic Rebuild Kit
K-2129	Basic Rebuild Kit
K-2144	Small Parts Kit



Kits and Assemblies – Reference

Current Part	Description	Replaced Part	Qty	Notes	Kits/Assys Where Used
K-2113	Synchronizer Kit		1		
K-2114	Synchronizer Kit		1		
K-2116	Shim Kit		1		K-2117
K-2117	Rebuilder Kit		1		
K-2120	Basic Rebuild Kit		1	For Units w/1.375" Or 1.50" Input Shaft	
K-2129	Basic Rebuild Kit		1	For Units w/1.75" Input Shaft	
K-2143	Gasket Kit		1		K-2117/K-2120/K-2129
K-2144	Small Parts Kit		1		K-2117
K-7038	Rear Brg Cover Kit	4302614	1		
K-7039	Rear Brg Cover Kit	4302615	1		
S-1578	Shift Lever Assy-High		1		
S-1642	Shift Lever Assy-Medium		1		
S-1873	Case Assy	4300816/A-5948	1		
S-1874	Case Assy	4300878/A-5979	1		
S-1875	Case Assy	4301099/A-6006	1		
S-1924	Case Assy	4301033/A-6001	1		
S-7021	Shift Bar Hsg Assy	239834	1		
S-7022	Shift Bar Hsg Assy	4300336	1		
S-7030	Rear Brg Cover Assy	4300845/4302037	1		
S-7031	Rear Brg Cover Assy	4301677/4302039	1		
71203	Silicone Lube		1	8 oz (236.59 CC)-Fleet Size	
71204	Adhesive Sealant		1	0.5 CC (Single Application Size)	
71205	Sealant		1	2 CC (Single Application Size)	
71206	Silicone Lube		1	4 CC (Single Application Size)	
71231	Gasket Sealant		1	8 Milliliter Size	K-2116
71232	Thread Adhesive		1	10 Milliliter Size	K-2117/K-2120/K-2129

K-2113 Synchronizer Kit

- 2 228296 Cup, Sync
- 1 A-5401 Sync Assy (450/550)

K-2114 Synchronizer Kit

- 1 228306 Cup, Sync
- 1 A-5693 Synchronizer Assy

K-2116 Shim Kit

- 1 71231 Sealant, Gasket
- 3 240017 Shim, C/S Rear Brg
- 3 240018 Shim, C/S Rear Brg
- 3 240019 Shim, C/S Rear Brg
- 3 240020 Shim, C/S Rear Brg
- 3 240329 Shim, M/S Rear Brg
- 3 240330 Shim, M/S Rear Brg
- 3 240331 Shim, M/S Rear Brg
- 3 240332 Shim, M/S Rear Brg

K-2117 Rebuilder Kit

- 1 71232 Adhesive, Thread
- 1 1314773 Cone, Brg
- 1 1314774 Cup, Brg
- 2 228296 Cup, Sync
- 1 228306 Cup, Sync
- 52 235376 Bearing, Roller
- 1 235382 Bearing, Thrust
- 1 235383 Race, Brg
- 15 235414 Bearing, Roller
- 1 239651 Bearing, Roller
- 2 239653 Bearing, Roller
- 2 239818 Bearing, Roller
- 1 3315624 Seal, Oil (M/S Rear Brg)
- 1 654137 Cone, Brg
- 1 654166 Cup, Brg
- 1 666554 Cone, Brg
- 1 672070 Cup, Brg
- 1 675246 Cone, Brg
- 1 730362 Cup, Brg
- 1 4300203 Seal, Oil (M/S Rear Brg)
- 1 4300798 Seal, Oil(Front Brg Cvr)
- 1 A-5401 Sync Assy (450/550)
- 1 A-5693 Synchronizer Assy
- 1 K-2116 Shim Kit
- 1 K-2143 Gasket Kit
- 1 K-2144 Small Parts Kit

K-2120 Basic Rebuild Kit

- 1 71232 Adhesive, Thread
- 1 1314773 Cone, Brg
- 1 1314774 Cup, Brg
- 52 235376 Bearing, Roller
- 1 235382 Bearing, Thrust
- 1 235383 Race, Brg
- 15 235414 Bearing, Roller
- 1 239651 Bearing, Roller
- 2 239653 Bearing, Roller
- 2 239818 Bearing, Roller
- 1 3315624 Seal, Oil (M/S Rear Brg)
- 1 654137 Cone, Brg
- 1 654166 Cup, Brg
- 1 666554 Cone, Brg
- 1 672070 Cup, Brg
- 1 675246 Cone, Brg
- 1 730362 Cup, Brg
- 1 4300203 Seal, Oil (M/S Rear Brg)
- 1 4300798 Seal, Oil(Front Brg Cvr)
- 1 K-2143 Gasket Kit

K-2129 Basic Rebuild Kit

- 1 71232 Adhesive, Thread
- 52 235376 Bearing, Roller
- 1 235382 Bearing, Thrust
- 1 235383 Race, Brg
- 15 235414 Bearing, Roller
- 1 235417 Cup, Brg
- 1 235418 Cone, Brg
- 1 239651 Bearing, Roller
- 2 239653 Bearing, Roller
- 2 239818 Bearing, Roller
- 1 3315624 Seal, Oil (M/S Rear Brg)
- 1 654137 Cone, Brg
- 1 654166 Cup, Brg
- 1 666554 Cone, Brg
- 1 672070 Cup, Brg
- 1 675246 Cone, Brg
- 1 730362 Cup, Brg
- 1 4300121 Seal, Oil-Front Brg Cov
- 1 K-2143 Gasket Kit

K-2143 Gasket Kit

- 1 15900 Gasket
- 2 201400 Gasket, PTO Cover
- 1 235622 Gasket-Sbh Latch Plunger
- 1 240038 Gasket, Shift Bar Hsg
- 1 240321 Gasket, Front Brg Cover
- 1 4301958 Gasket, Shift Lever Hsg

K-2144 Small Parts Kit

- 2 10J06 Ball, 3/16
- 4 227675 Insert - Yoke Pad
- 2 230292 Key, Woodruff (C/S)
- 2 235378 Washer, Split 2 1/8
- 1 235379 Ring, Split Washer Retg.
- 1 235415 Washer 1 3/8
- 1 235416 Snap Ring
- 1 239783 Plug, Front C/S Bore
- 1 239819 Snap Ring
- 2 240023 Washer, Thrust 1 5/32
- 1 240024 Spacer (Rev Idler Brg)
- 1 240026 Washer, Thrust (M/S)
- 1 240037 Snap Ring
- 1 240040 Snap Ring
- 1 240327 Washer, M/S Locating
- 1 240767 Snap Ring

K-7038 Rear Brg Cover Kit

- 1 4302614 Nr Cover, Rear Brg
- 1 4302707 Plug, Magc Speedo Sensor
- 1 L-1194 Letter
- 1 X-8C-409 Screw, 1/4 - 20 X .62

K-7039 Rear Brg Cover Kit

- 1 4302615 Nr Cover, Rear Brg
- 1 4302707 Plug, Magc Speedo Sensor
- 1 L-1194 Letter
- 1 X-8C-409 Screw, 1/4 - 20 X .62



Kits and Assemblies - Components

S-1578 Shift Lever Assy-High

1	21722	Lever, Shift
2	23180	Pin, Shift Lever Piv
1	23181	Washer, Shift Lever
1	201401	Ball
1	202484	Boot, Shift Lever
1	4300690	Spring, Shift Lever Sup.
1	4301958	Gasket, Shift Lever Hsg
1	A-6440	Housing Assy, Shift Lvr

S-1642 Shift Lever Assy-Medium

2	23180	Pin, Shift Lever Piv
1	23181	Washer, Shift Lever
1	202484	Boot, Shift Lever
1	241076	Lever, Shift
1	4300690	Spring, Shift Lever Sup.
1	A-6439	Housing Assy, Shift Lvr

S-1873 Case Assy

4	239433	Stud, 1/2-20 / 1/2-13
1	A-5948	Case Assy
1	X-12-1206	Plug, Pipe, 3/4
1	X-12-1207	Plug, Pipe, 3/4 Magd

S-1874 Case Assy

4	239433	Stud, 1/2-20 / 1/2-13
1	A-5979	Case Assy
1	X-12-1206	Plug, Pipe, 3/4
1	X-12-1207	Plug, Pipe, 3/4 Magd

S-1875 Case Assy

4	239433	Stud, 1/2-20 / 1/2-13
1	A-6006	Case Assy
1	X-12-1206	Plug, Pipe, 3/4
1	X-12-1207	Plug, Pipe, 3/4 Magd

S-1924 Case Assy

1	14373	Disc, Magc
4	239433	Stud, 1/2-20 / 1/2-13
1	4301033	Case
1	X-12-1206	Plug, Pipe, 3/4
1	X-12-1207	Plug, Pipe, 3/4 Magd

S-7021 Shift Bar Hsg Assy

1	15900	Gasket
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1	240038	Gasket, Shift Bar Hsg
1	4301958	Gasket, Shift Lever Hsg
1	21548	Bar, Yoke
1	23576	Plunger, Rev Latch
2	1JM3528	Pin
2	1JM6028	Pin, Roll
10	10J14	Ball, 7/16
2	14J1818	Pin
1	201044	Pin, Intlk Cross
3	201045	Spring, Position Finder
8	233043	Screw, 3/8 - 16 X 1
1	233794	Spring
1	235052	Plug, Rev Switch
2	235608	Support, Yoke Bar
1	235621	Plug, Rev Plunger Spring
1	235622	Gasket-SBH Latch PLU
1	239834	Housing, Shift Bar
1	240322	Yoke Assy, 2nd/3rd Shift
1	240324	Yoke Assy, 4th/5th Shift
1	240496	Stop, Rev Latch Plunger
1	4300400	Bar, Yoke (1st/Rev)
1	4300401	Yoke, Shift (1st/Rev)
1	4300402	Block, Shift (1st/Rev)
1	4300429	Bar, Yoke

S-7022 Shift Bar Hsg Assy

1	15900	Gasket
1	240038	Gasket, Shift Bar Hsg
1	4301958	Gasket, Shift Lever Hsg
1	21548	Bar, Yoke
1	23576	Plunger, Rev Latch
2	1JM3528	Pin
2	1JM6028	Pin, Roll
13	10J14	Ball, 7/16
2	14J1818	Pin
2	201044	Pin, Intlk Cross
3	201045	Spring, Position Finder
8	233043	Screw, 3/8 - 16 X 1
1	233794	Spring
1	235052	Plug, Rev Switch
2	235608	Support, Yoke Bar
1	235621	Plug, Rev Plunger Spring

1	235622	Gasket-SBH Latch PLU
1	240322	Yoke Assy, 2nd/3rd Shift
1	240324	Yoke Assy, 4th/5th Shift
1	240496	Stop, Rev Latch Plunger
1	4300336	Housing, Shift Bar
1	4300337	Bar, Yoke (1st/Rev)
1	4300401	Yoke, Shift (1st/Rev)
1	4300402	Block, Shift (1st/Rev)
1	4300429	Bar, Yoke
1	5561501	Plug

S-7030 Rear Brg Cover Assy

1	4301954	Seal, Sensor
1	4302037	Cover, M-Shaft Rear Brg
1	L-5193	Letter

S-7031 Rear Brg Cover Assy

1	4301954	Seal, Sensor
1	4302039	Cover, M-Shaft Rear Brg
1	L-5193	Letter



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TRIP-0120 R2
3M 6/94 PP
Printed in U.S.A.

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