

Roadranger®

Eaton®Fuller® Transmissions

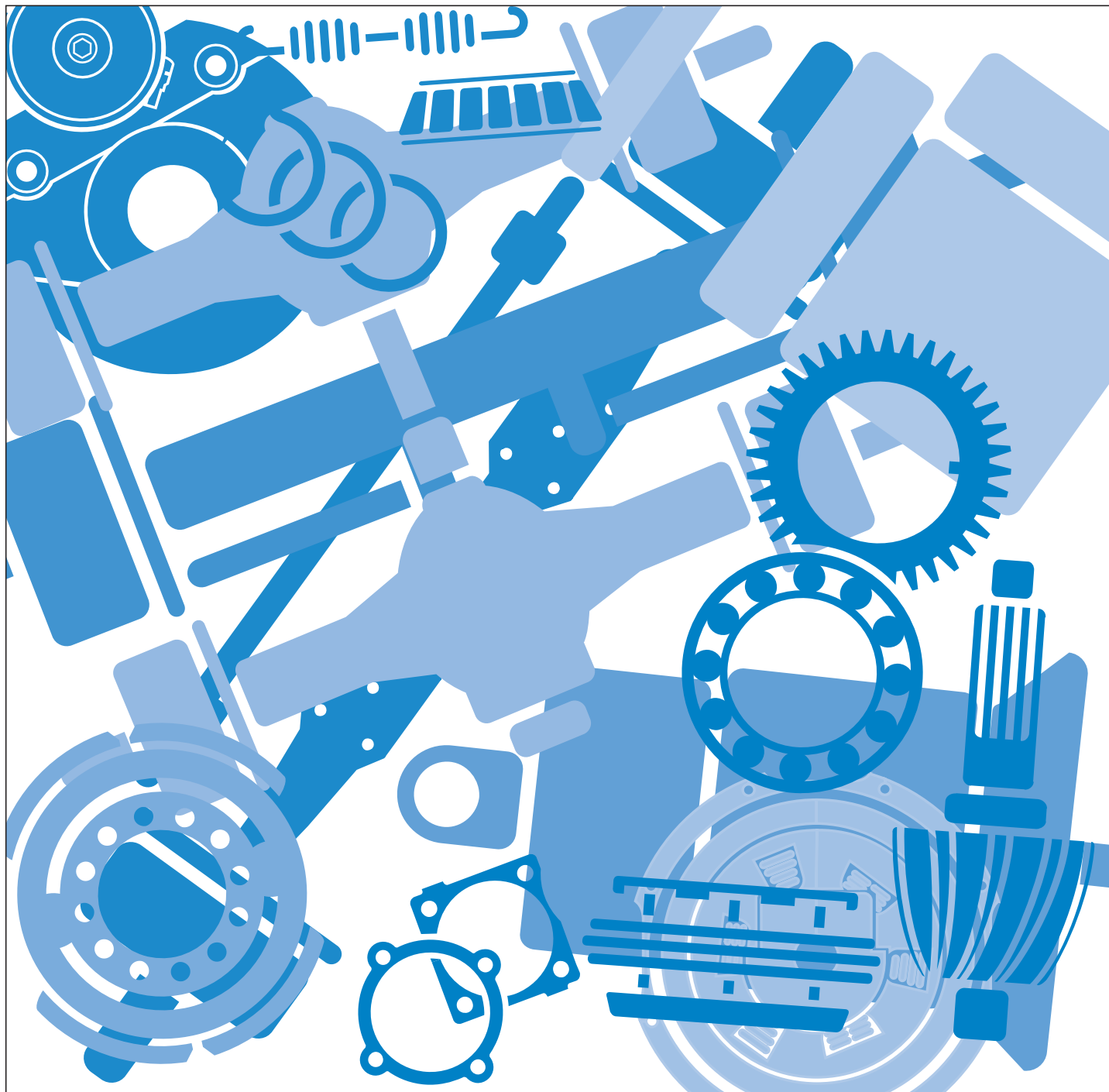
2-A-92 Series
2-B-92 Series



EAT•N

One Great Drivetrain from Two Great Companies

Illustrated Parts List TRIP-0991 June 1986



For the most current information, visit the Roadranger web site at www.roadranger.com

How To Use The Illustrated Parts List

All Lists are arranged the same; available kits, assemblies, drivers' instructions, and technical service literature are listed in the front. Air systems, air controls, cases, clutch housings, bar housings, lever assemblies, mainshafts, countershafts, drive gears, idler, auxiliary drive gears, cylinders, auxiliaries, and brakes follow in order.

Use of Kits and Assembly Listing (Page 2)

The first column shows on which page kit or assembly is found.

The second column shows symbols used to identify components of kits on that page.

If you do not have kit or assembly in stock, symbols will allow you to either put kit or assembly together from individual parts in your stock or find an individual part you may need that is in your inventory as part of a kit or assembly.

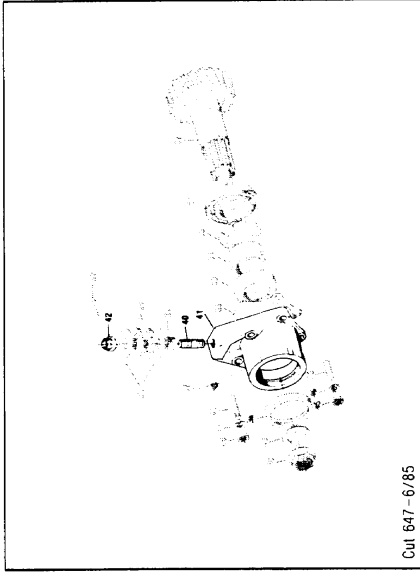
The third and fourth columns show part number and description.

The fifth column to far right (in Color) shows recommended stocking quantities based on 25 transmissions.

Page	Sym.	Part #	Description	Stock Qty.
3	A	A-1449	Front bearing cover assembly	

How to Identify Parts and Obtain Part Numbers.

Example: Service Front Bearing Cover



Determine item number of front bearing cover

Example: Item Number is 41.

ITEM	QTY. USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
39	1	81017	Bearing		4
40	1	4513	Stud	A	—
41	1	7561	Bearing housing	A	—
42	1	X-2-1200	Nut 3/4"-16	A	—
43	4	4807	Stud		—
44	2	7537	Stud		—

Use of Symbols

Items 40, 41 and 42 have symbol "A"
A-1449 assembly also has symbol "A"

This shows that items 40, 41 and 42 are contained in A-1449

39	1	81017	Bearing		4
40	1	4513	Stud	A	—
41	1	7561	Bearing housing	A	—
42	1	X-2-1200	Nut 3/4"-16	A	—
43	4	4807	Stud		—
44	2	7537	Stud		—
45	6	X-1-3800	Nut 7/8"-20		—

The symbol in stocking column of A-1449 shows that the stocking quantity is listed on page 2.

PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
A-1449	Front bearing cover assembly	A	—

Notes On Illustrations

Illustrations show parts in assembly groups.

Various notes are used where appropriate.

Current production

Not used in current production

Use of lockwire

Transmission model information

“Keep your Fuller Transmission Fuller.”

This booklet is designed to identify all parts in the 2-(A-B)-92 Series Transmissions and to recommend an initial parts stocking quantity. The suggested quantities are based on an inventory sufficient for maintaining 25 2-(A-B)-92 Series Transmissions.

Service Kits and Assemblies available for the 2-(A-B)-92 Series

Page	Sym.	Part #	Description	Stock Qty.
7	A	A-1449	Front bearing cover assembly	
—	—	K-1568	Gasket kit	
7	B	K-1827	Replacement kit nut	
7	C	A-1079	Trunnion assembly	

Purposes of Symbols

- A. To denote the parts included in a kit or an assembly.
- B. Used for notes.

Kit and Assembly Identification for Service Parts

- A — Denotes Production Assemblies
- K — Denotes Service Kit (Unassembled)
- S — Denotes Service Assembly

Sealants and Lubricants

Part #	Description	Stock Qty.
71203	Silicone Lubricant 8 oz. size (236.59 cc)—(fleet size)	
71204	Adhesive Sealant 0.5 cc size (single application size)	
71205	Sealant 2 cc size (single application size)	
71206	Silicone Lubricant 4 cc size (single application size)	

Operating Labels and Instructions

English	
18457	Shift warning label

Maintenance and Repair

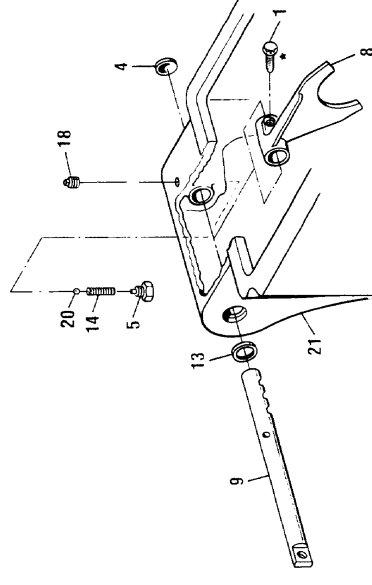
2-A-92 Series Service Manual Form Number 136

Every effort has been made to ensure the accuracy of all information in this brochure. **However, Eaton Transmission Division makes no expressed or implied warranty or representation based on the enclosed information.** Any errors or omissions may be reported to Marketing Communications, Eaton Transmission Division, P.O. Box 4013, Kalamazoo, MI 49003.

CASE ASSEMBLY - YOKE AND BAR

MAIN HOUSING ASSEMBLY

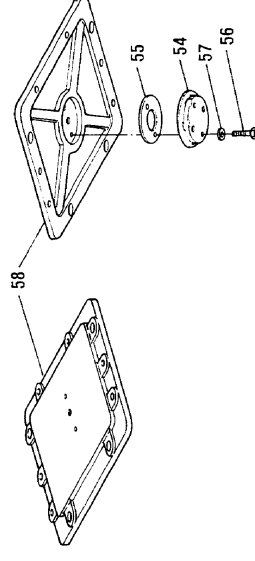
YOKE AND BAR



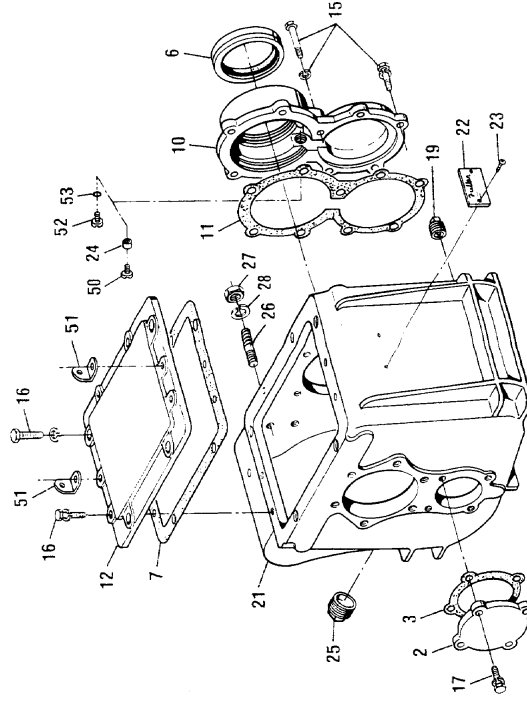
*Note: Use lock wire at this position

Cut 646-6/85

OIL BAFFLE



Cut 651-6/85



Cut 645-6/85

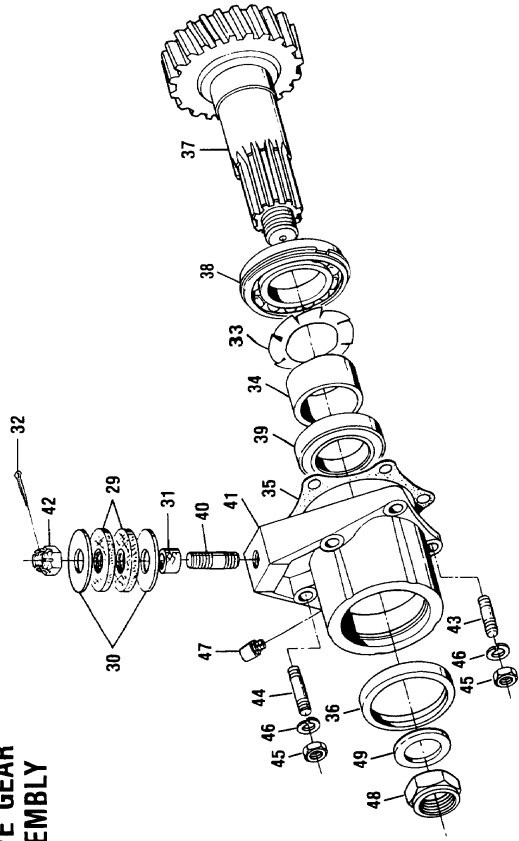
ITEM	QTY. USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
1	1	3220	Lock screw		—
2	1	4881	Cover		—
3	1	4886	Gasket		—
4	1	7253	Plug		—
5	1	7409	Screw		—
6	1	7512	Oil seal <i>replaced by 15087</i>		—
or 1	1	15087	Oil seal		8
7	1	7547	Gasket		—
8	1	7549	Shift yoke		2
9	1	7550	Yoke bar		2
10	1	7559	Rear bearing cover <i>mechanical only</i>		1
11	1	7560	Gasket		—
12	1	8528	Case cover		1
13	1	15571	Oil seal		6
14	1	15918	Spring		6
15	1	X-3-600	Lockwasher 3/8"		—
and 1	1	X-8L-614	Capscrew 3/8"-16 × 2"		—
and 8	8	X-8L-602	Capscrew 3/8"-16 × 1-1/2"		—
16	4	X-3-801	Lockwasher 1/2"		—
and 4	4	X-8-808	Capscrew 1/2"-13 × 1-1/4"		—
or 4	4	X-8L-808	<i>replaced by X-8L-808</i>		—
and 6	6	X-8L-604	Capscrew 1/2"-13 × 1-1/4"		—
			Capscrew 3/8"-16 × 1-1/4"		—

ITEM	QTY. USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
17	4	X-8L-600	Capscrew 3/8"-16 × 1"		—
18	1	X-12-601	Pipe plug 3/8"		—
19	1	X-12-1201	Pipe plug 3/4"		—
or 1	1	X-12-1202	Pipe plug 3/4" <i>magnetic</i>		—
20	1	X-14-800	Steel ball 1/2"		1
21	1	7557	Case		1
22	1	57000	Name plate		—
23	2	X-13-206	Self-tapping screw		—
24	1	7992	Bushing speedo		—
25	1	X-12-2001	Pipe plug 1-1/4"		—
26	4	10289	Stud		—
27	4	X-1-1000	Nut 5/8"-18		—
28	4	X-3-1000	Lockwasher 5/8"		—
50	1	2237	Plug <i>replaced by 20226</i>		—
51	2	12815	Lifting eye		—
52	1	20226	Plug		—
53	1	14142	"O" ring		—
54	1	21003	Oil baffle	C	—
55	1	21004	Gasket	C	—
56	2	X-8-438	Capscrew 1/4"-20 × 1"	C	—
57	2	X-10-401	Washer	C	—
58	1	21005	Case cover	C	1

C USE IN SETS FOR OIL BAFFLE. TIGHTEN
CAPSCREWS HAND TIGHT AND THEN AN
ADDITIONAL 1/4" TO 1/2" TURN.

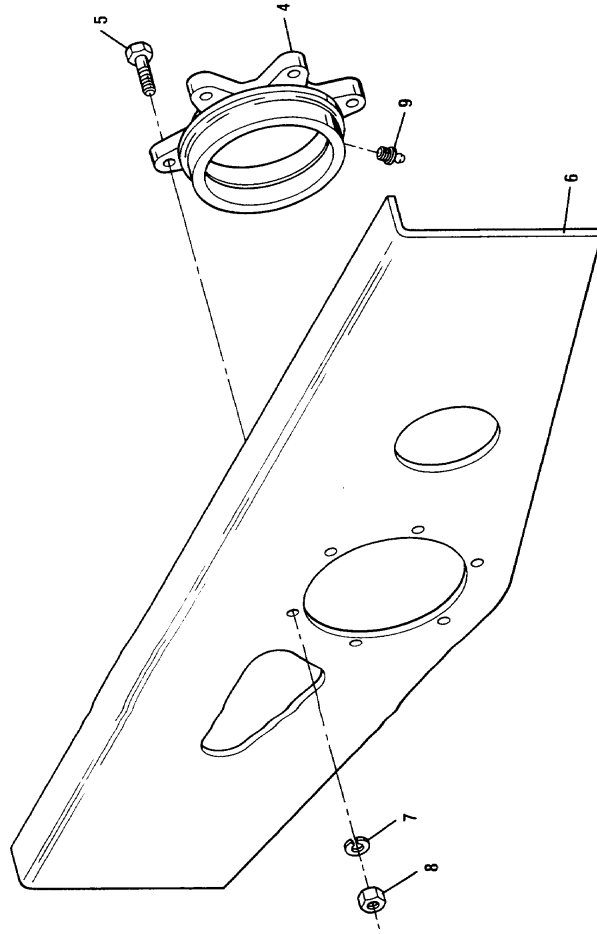
DRIVE GEAR - TRUNNION MOUNTS

DRIVE GEAR ASSEMBLY



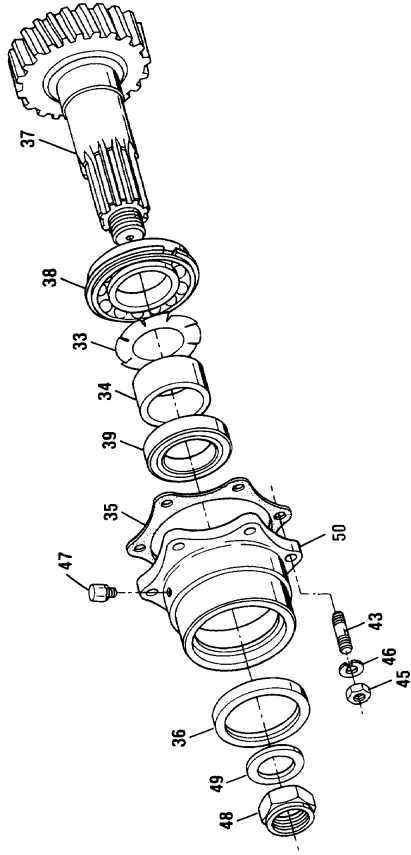
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TRUNNION MOUNTINGS

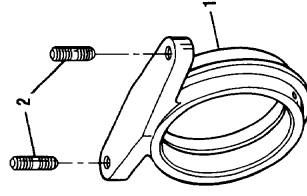


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DRIVE GEAR ASSEMBLY



Cut 652-7/86



QTY. ITEM	USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
1	1	8769	Trunnion	C	
2	2	5514	Stud	C	
4	1	7762	Trunnion		
5	6	X-7-803	Capscrew 1/2"-20 x 1-1/2"		
6	1	7761	Plate		
7	6	X-3-801	Lockwasher 1/2"		
8	6	X-1-800	Nut 1/2"-20		
9	1	4759	Grease fitting		
29	2	4514	Mounting pad		
30	2	4516	Washer		
31	1	4618	Sleeve		
32	1	X-4-414	Cotter pin		
33	1	7391	Oil deflector		
34	1	7392	Spacer		
35	1	7393	Gasket		

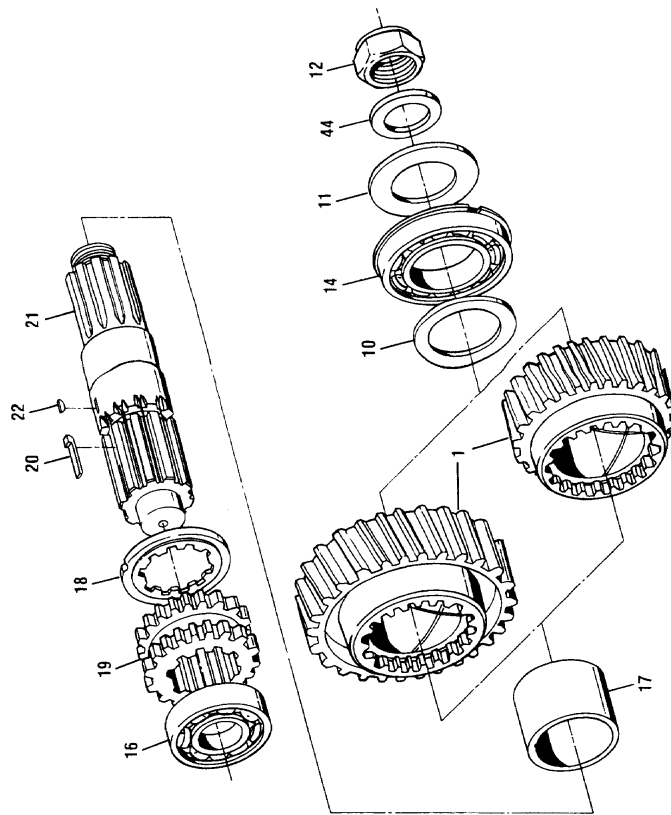
QTY. ITEM	USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
36	1	7512	Oil seal replaced by 15087		
	or 1	15087	Oil seal		
37	1	13298	Gear main drive		
38	1	81010	Bearing		
39	1	81017	Bearing		
40	1	4513	Stud	A	
41	1	7561	Bearing housing	A	
42	1	X-2-1200	Nut 3/4"-16	A	
43	6	4807	Stud		
44	2	7537	Stud		
45	6	X-1-800	Nut 1/2"-20		
46	6	X-3-801	Lockwasher 1/2"		
47	1	7935	Breather valve		
48	1	12128	Nut replaced by K-1827		
	or 1	11956	Nut	B	
49	1	16337	Washer	B	
50	1	7645	Bearing housing		

PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
A-1449	Front bearing cover assembly	A	
K-1827	Replacement kit nut	B	
A-1079	Trunnion assembly	C	

@ SEE PAGES 2 AND 3 FOR STOCKING QUANTITY

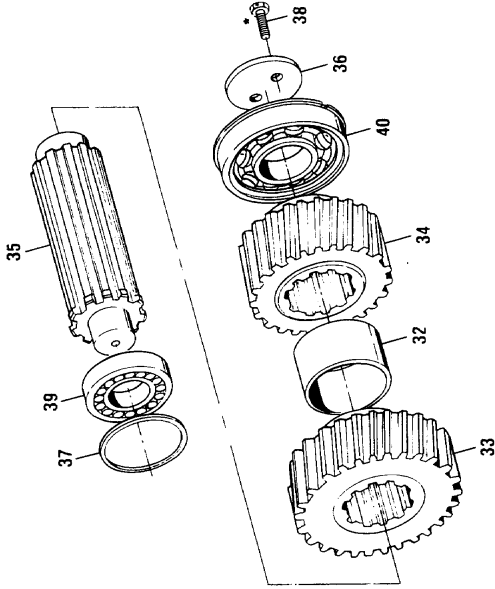
MAINSHAFT - COUNTERSHAFT

MAINSHAFT ASSEMBLY



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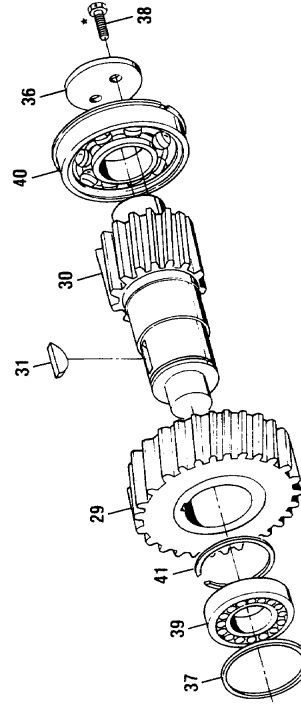
COUNTERSHAFT ASSEMBLY 2-B-92



*Note: Use lock wire at
this position

Cut 648-6/85

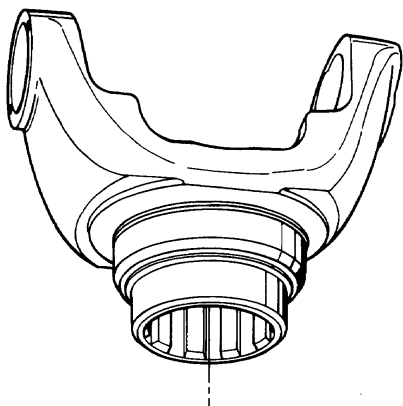
COUNTERSHAFT ASSEMBLY 2-A-92



*Note: Use lock wire at
this position

Cut 649-6/85

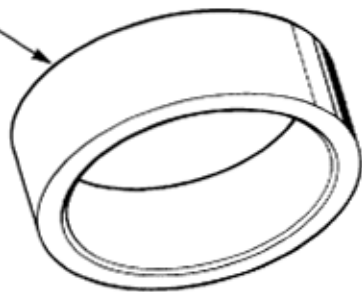
MAJOR DIA. 2.250 - 10 SPLINE		HUB DIA. AT OIL SEAL 3.500	
TRANSMISSION MODEL SERIES	TYPE	SERIES	FULLER PART NO.
2-(A-B)-92	Yoke	1760	86724
T-905	Yoke	1710	86733
MT-905 (Output)	Flange	1610	86734
RT-510	Flange	1650/1710	86735
RT-610			
T-11605			
MT-11605 (Output)			
RT-6610			
RT-8609			



Yoke with hardened
seal surface

SPEEDOMETER REPLACEMENT

PART #6162

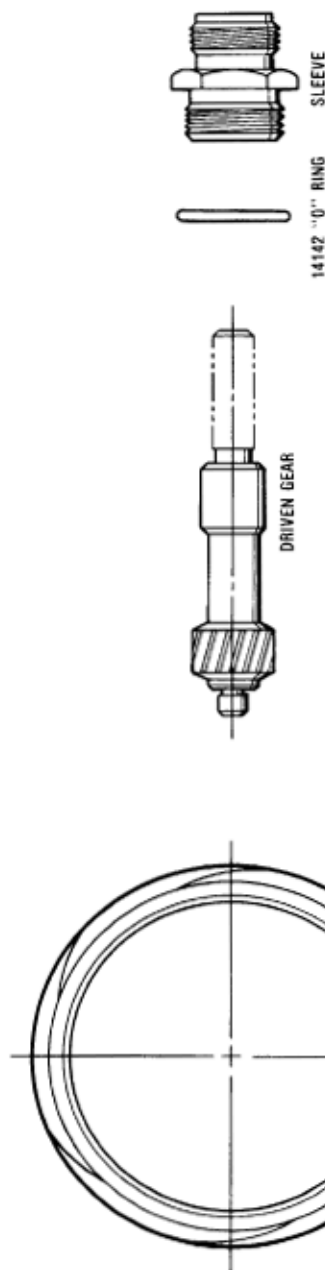


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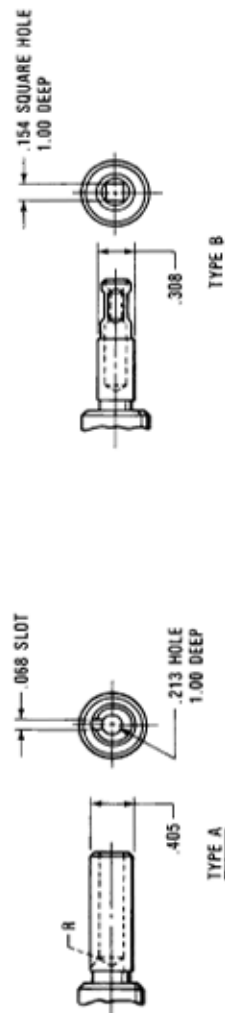
TRANSMISSION MODELS

2-(A-B)-92

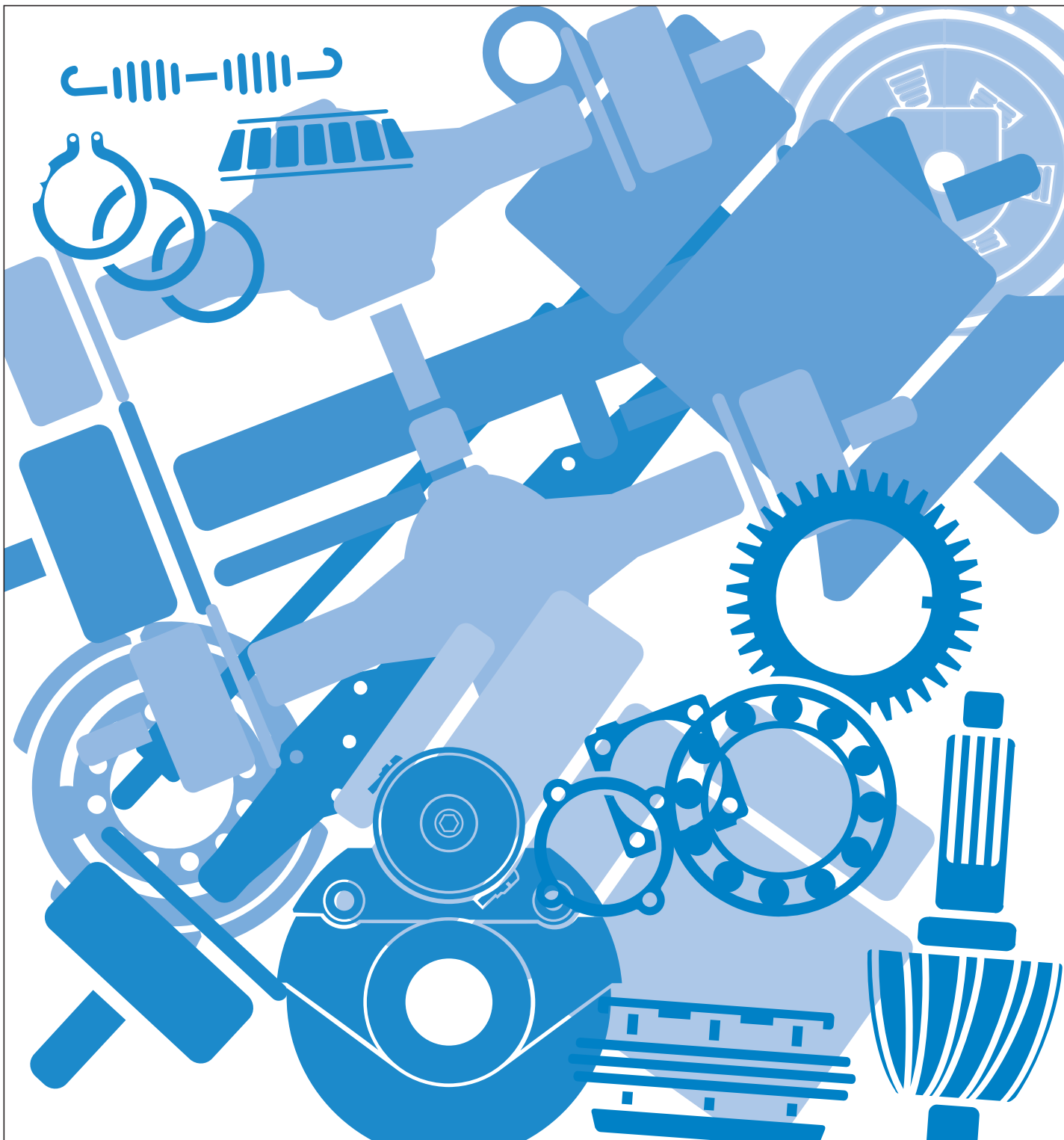
DRIVE GEAR	DRIVEN GEAR			RATIO
	PART NO.	T	TYPE	
86028	3	86029	14 A	3/14
86028	3	86073	15 A	3/15
86028	3	86069	16 A	3/16
86063	6	86092	13 A	6/13
86030	6	86031	14 A	6/14



DRIVEN GEAR TYPES



REQUIREMENTS FOR DRIVEN GEARS:
 FOR TYPES A AND C USE 86013 SLEEVE WITH RIGHT HAND OIL THREADS
 FOR TYPES B AND D USE 86016 SLEEVE WITHOUT OIL THREADS
 IF ADAPTER IS REQUIRED, DETERMINE ADAPTER RATIO AND USE:
 FOR TYPE A USE ADAPTER WITH .193 DIA. 9AR DRIVE END
 FOR TYPE B USE ADAPTER WITH .150 SQUARE DRIVE END
 FOR TYPE C USE ADAPTER WITH .183 SQUARE DRIVE END
 FOR TYPE D USE ADAPTER WITH .104 SQUARE DRIVE END



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**AUTOMOTIVE
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Roadranger®

MORE TIME ON THE ROAD

The Roadranger® System is an unbeatable combination of the best products from Eaton and Dana – partnering to provide you the most advanced, most trouble-free drivetrain in the industry. And it's backed by the Roadrangers – the most experienced, most expert, most accessible drivetrain consultants in the business.

For spec'ing or service assistance, call 1-800-826-HELP (4357) 24 hours a day, 7 days a week, (Mexico: 001-800-826-HELP (4357)) for more time on the road. Or visit our web site at www.roadranger.com.



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