

Roadranger®

Eaton® Fuller® Transmissions

Levers & Controls



One Great Drivetrain from Two Great Companies

Illustrated Parts List TRIP-0930 September 1987



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How To Use The Illustrated Parts List

All Lists are arranged the same; available kits, assemblies, drivers' instructions, technical service literature, and clutch housing information are listed in the front. Air systems, air controls, cases, clutch housings, bar housings, lever assemblies, main-shafts, countershafts, drive gears, idler, auxiliary drive gears, cylinders, auxiliaries, brakes, yokes, flanges and speedometer information 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.

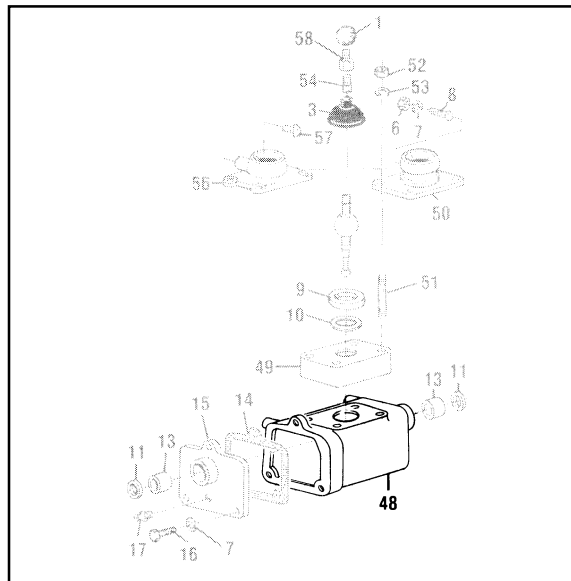
The third and fourth columns show part number and description.

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

Page	Sym.	Part #	Description	Stock Qty.
7	B	A-3940	Housing assembly	1

How to Identify Parts and Obtain Part Numbers.

Example: Service Control Housing



Determine item number of housing
Example: Item Number is 48.

ITEM	QTY. USED	PART NO.	DESCRIPTION	SYM-BOL	STOCK QTY.
17	1	4759	Fitting	DL	—
18	1	13947	Shift yoke	L	1
19	4	14016	Lockscrew	L	—
20	2	14015	"U" joint	L	2
48	1	17185	Control housing <i>order A-4247</i>	J	@
49	1	17183	Adapter	—	—
50	1	17184	Cap <i>replaced by K-1480</i>	@	—

Use of Symbols

Items 56 and 57 have symbol "R"
K-1831 assembly also has symbol "R"
This shows that items 56 and 57 are contained in K-1831.

54	1	17186	Gear shift lever (<i>std.</i>) <i>replaced by K-1298</i>		
or	1	17858	Gear shift lever (<i>std.</i>)	E	
56	1	A-4450	Housing replaced by A-4913	LR	1
or	1	A-4913	Housing		—
or	1	A-4682	Housing replaced by A-4914		1
or	1	A-4914	Housing	LR	2
57	1	18299	Pin	LR	

The symbol in stocking column of K-1831 shows that the stocking quantity is listed on page 2.

PART NO.	DESCRIPTION	SYM-BOL	STOCK QTY.
A-3940	Housing assembly	B	@
A-2932	End cap assembly	C	@
A-3932	End cap assembly	D	@
A-4247	housing Assembly	J	@
S-1138	Master control complete	L	@
K-1831	Housing kit	R	@
K-1298	Shift lever replacement kit	E	@

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 Levers/Controls and to recommend an initial parts stocking quantity. The suggested quantities are based on an inventory sufficient for maintaining 25 Levers/Controls.

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

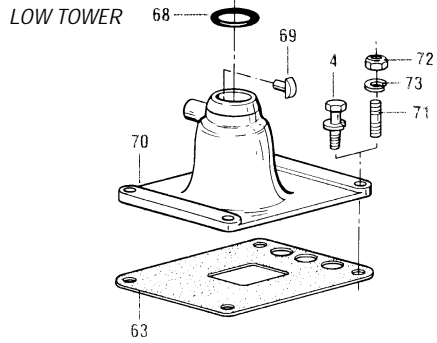
Sealants and Lubricants

Part #	Description	Stock Qty.
71203	Silicone Lubricant 8 oz. size (236.59 cc)—(fleet size)	1
71204	Adhesive Sealant 0.5 cc size (single application size)	12
71205	Sealant 2 cc size (single application size)	12
71206	Silicone Lubricant 4 cc size (single application size)	12

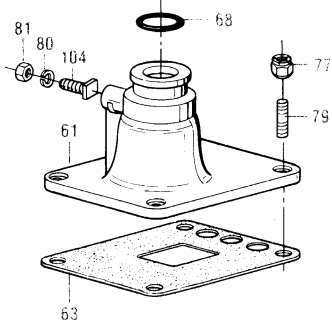
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LEVER ASSEMBLY HEAVY DUTY

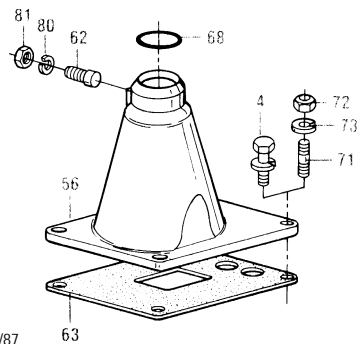
LEVER HOUSING ASSEMBLY



LOW TOWER
USED WITH 14795 BOOT

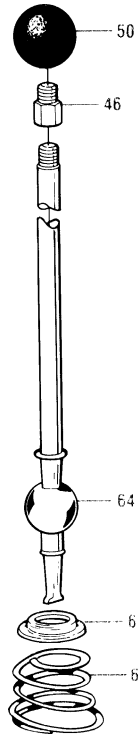


HIGH TOWER



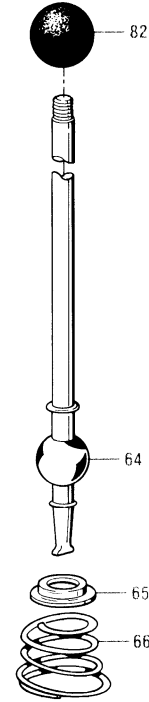
Cut 6290-6/87

LEVER ASSEMBLY



Cut 6292B-8/85

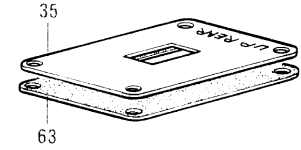
LEVER ASSEMBLY



Cut 6292-8/85

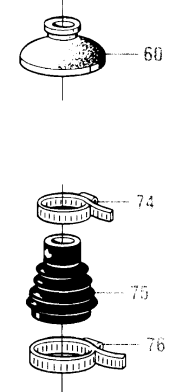
TOWER BAFFLE

NOT USED IN CURRENT PRODUCTION



Cut 6298-8/85

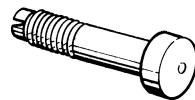
TOWER BOOTS



Cut 6296-8/85

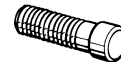
TOWER PINS

6541 (3/8")



Cut 6294-8/85

2271 (5/16")

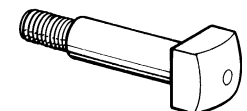


NOT USED IN
CURRENT
PRODUCTION

18299

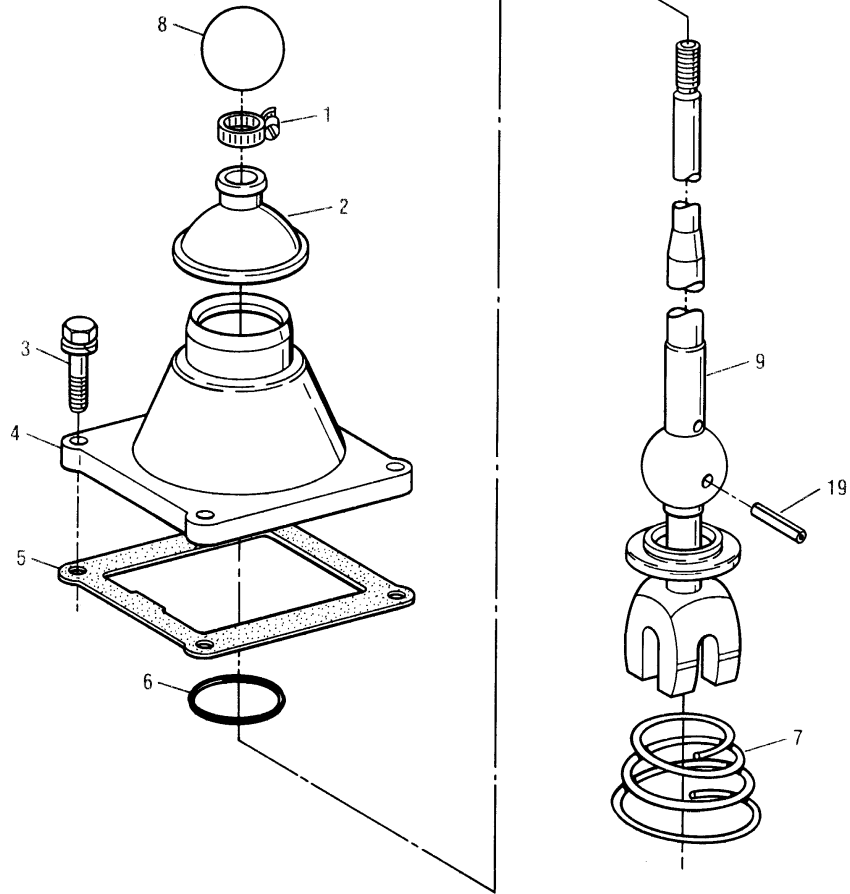


14461

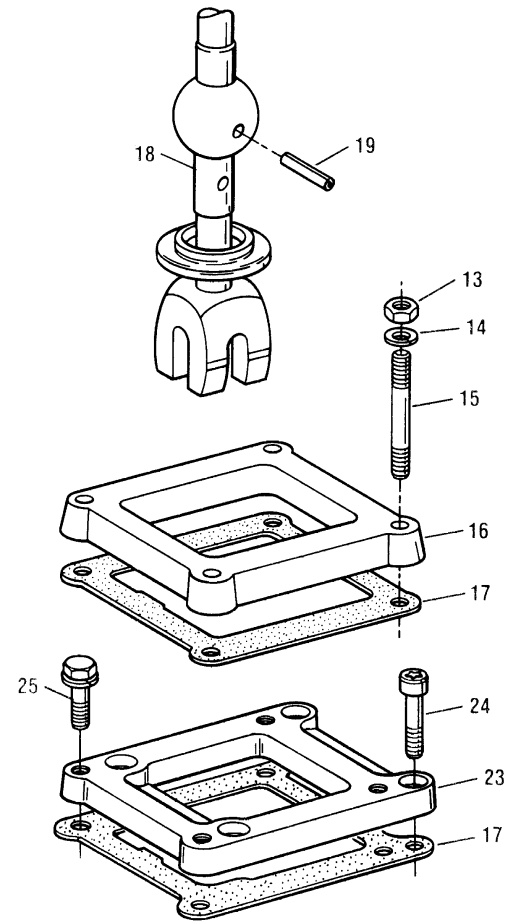


ITEM	QTY. USED	PART NO.	DESCRIPTION	SYM-BOL	STOCK QTY.	ITEM	QTY. USED	PART NO.	DESCRIPTION	SYM-BOL	STOCK QTY.	PART NO.	DESCRIPTION	SYM-BOL	STOCK QTY.
4	4	X-8L-604	Capscrew 3/8"-16 X 1-1/4"		—	65	1	2538	Retainer	∂	1	K-1124	Shift lever kit low	λ	1
35	1	15722	Oil baffle (optional)		—	66	1	2536	Spring	∂	—	K-1476	Replacement kit lever housing	N	1
46	1	17886	Adapter 3/8"-24 to 1/2"-1 3		—	68	1	17162	"O" ring (special)	∂MNO	2				
or	1	17887	Adapter 7/16"-14 to 1/2"-13		—	69	1	18299	Pin	∂N	6	K-1584	Shift lever kit high	↑	1
or	1	17888	Adapter 1/2"-20 to 1/2"-13		—	70	1	4530	Housing shift lever low		—	K-1630	Replacement kit lever housing (std.)	M	1
or	1	17889	Adapter 5/8"-11 to 1/2"-13		—				replaced by K-1476						
50	1	1075	Lever grip 5/8"-11		—	or	1	17163	Housing shift lever low		—	K-1631	Replacement kit lever housing	0	1
or	1	4715	Lever grip 3/8"-24		—				replaced by K-1476						
or	1	17560	Lever grip 1/2"-13		—	or	1	18298	Housing shift lever low		—	S-1019	Shift lever assembly	∂	1
56	1	16398	Housing shift lever high		—				order K-1476	∂N	@				
			replaced by K-1630		—	71	4	7467	Stud replaced by 11934		—				
or	1	17167	Housing shift lever high		—	or	4	11934	Stud		—				
			order K-1630	M	@	72	4	X-1-600	Nut 3/8"-24		—				
60	1	10427	Boot	∂↑	1	73	4	X-3-600	Lockwasher 3/8"		—				
61	1	14456	Housing shift lever low		—	74	1	14453	Clamp		—				
			replaced by K-1631		—	75	1	14795	Boot		1				
or	1	17168	Housing shift lever low		—	76	1	14454	Clamp		—				
			order by K-1631	0	@	77	4	X-1-610	Nut 3/8"-24		—				
62	1	6541	Pin		2	79	4	14236	Stud		—				
63	1	1642	Gasket replaced by 19870		—	80	1	X-3-600	Lockwasher 3/8"		—				
or	1	19870	Gasket	∂MNO	—	81	1	X-1-600	Nut 3/8"-24		—				
64	1	17600	Gear shift lever (std.) low	∂λ	—	82	1	17560	Lever grip 1/2"-13	∂	—				
or	1	18482	Gear shift lever (std.) high	↑	—	104	1	14461	Pin		2				

LEVER ASSEMBLY MID-RANGE (FS-6106 FLAT RAIL)

LEVER HOUSING
ASSEMBLY

HIGH TOWER

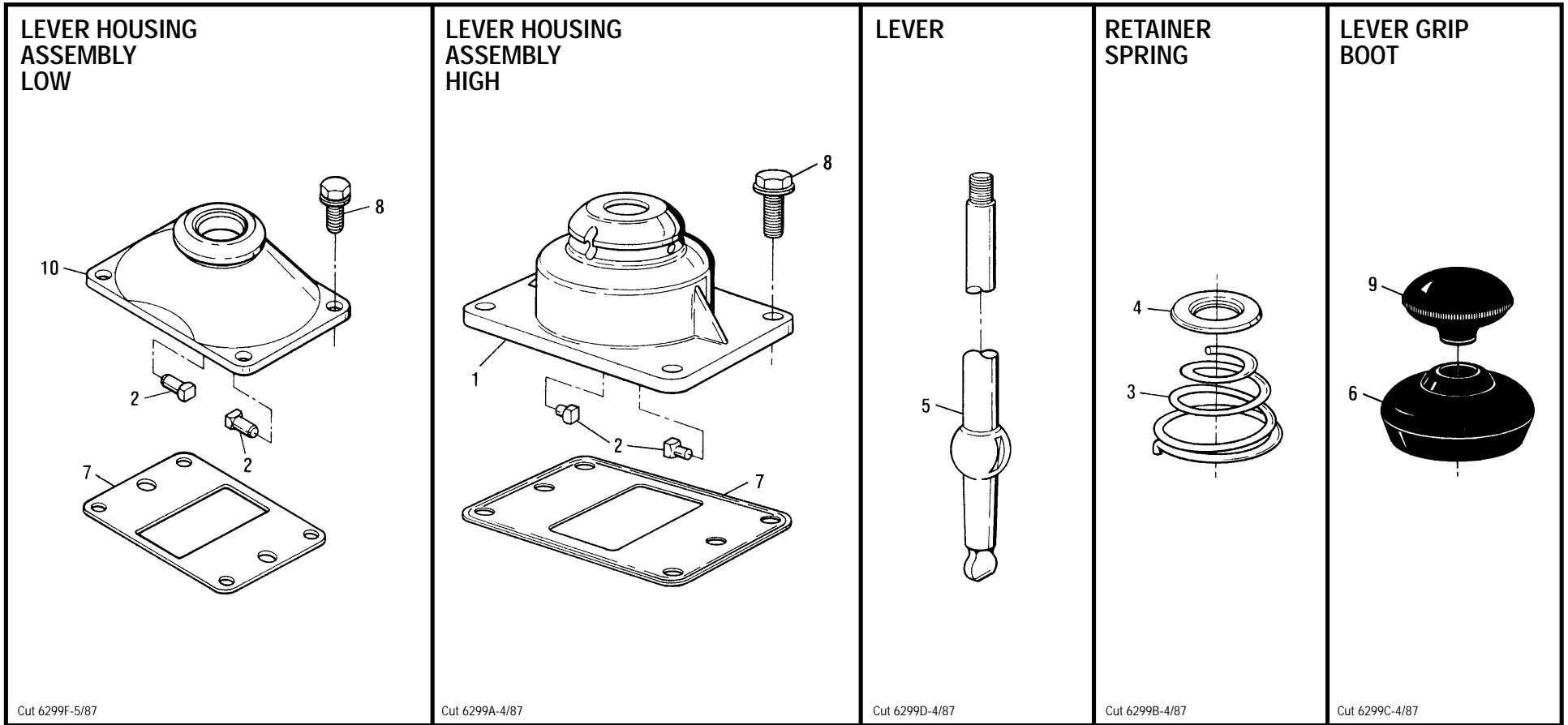


ITEM	QTY. USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
1	1	14453	Clamp		—
2	1	10427	Boot		—
3	4	X-8L-602	Capscrew 3/8"-16 X 1-1/2"		—
4	1	20657	Housing shift lever	G	1
5	1	20699	Gasket	G	—
6	1	17162	"O" ring (<i>special</i>)	G	2
7	1	2536	Spring		—
8	1	17560	Lever grip		—
9	1	21167	Shift lever <i>23.94" long</i>		—
or	1	20876	Shift lever <i>21.0" long</i>		—
13	4	X-1-600	Nut 3/8"-24		—
14	4	X-3-600	Lockwasher		—
15	4	21072	Stud		—
16	1	21060	Riser block		—
17	1	20699	Gasket		—
18	1	21267	Shift lever <i>35.62" long</i>		—
19	1	62523	Roll pin		—
23	1	21617	Riser block	Å	—
24	4	X-8-687	Capscrew 3/8"-16 x 1-1/4"	Å	—
25	4	X-8L-604	Capscrew 3/8"-16 x 1-1/4"	Å	—

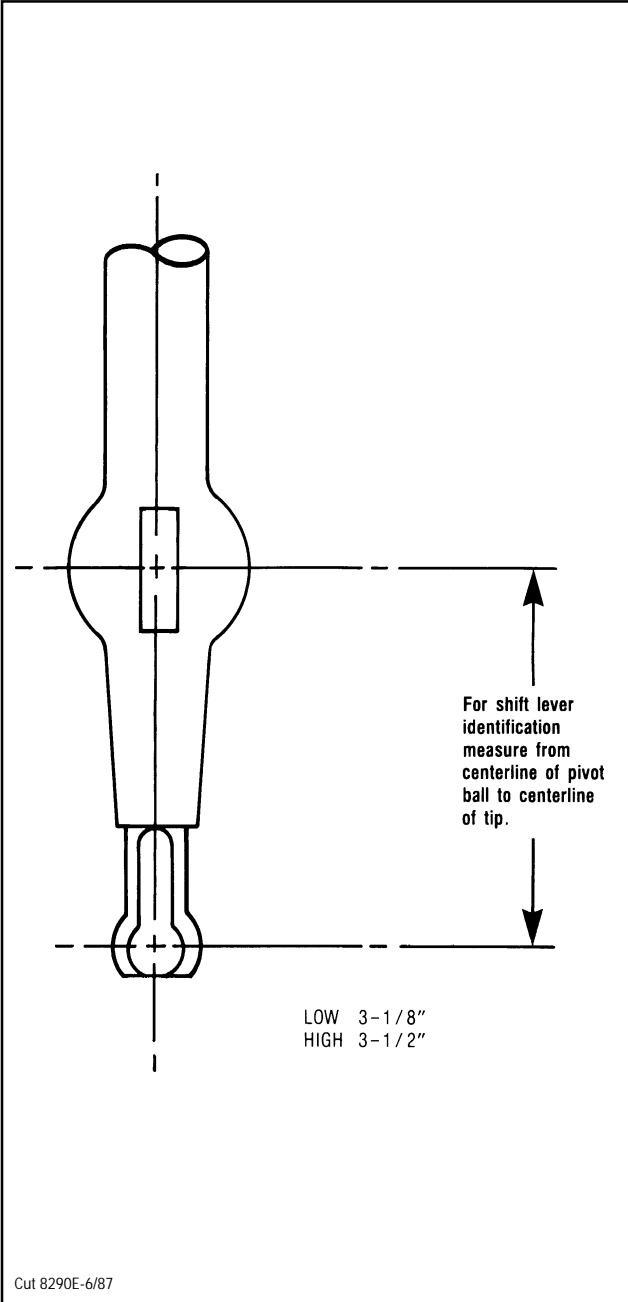
PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
K-1954	Replacement kit lever housing	G	1

Å USE IN SETS

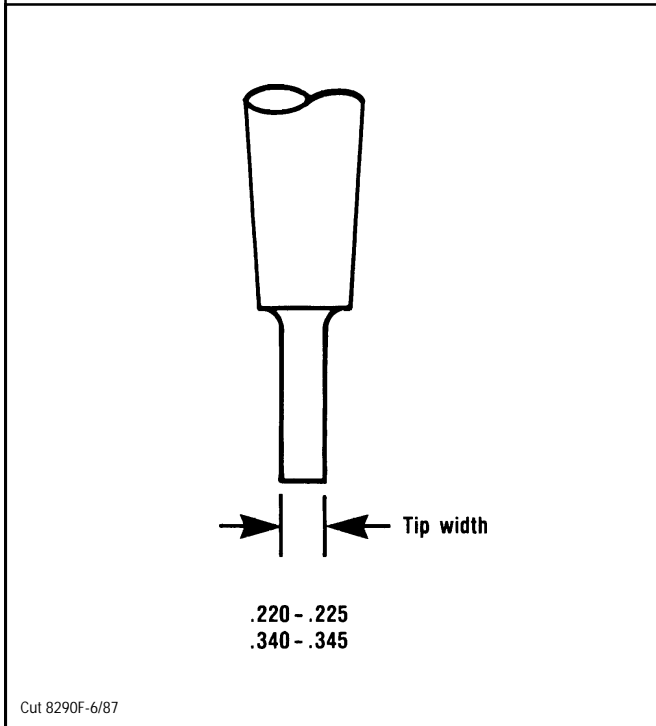
LEVER ASSEMBLY MID-RANGE



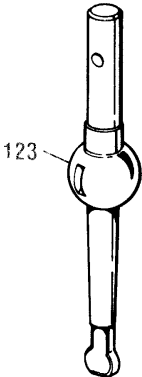
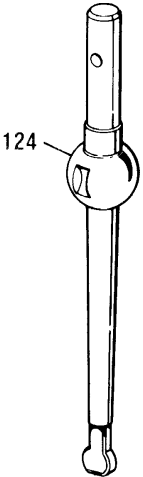
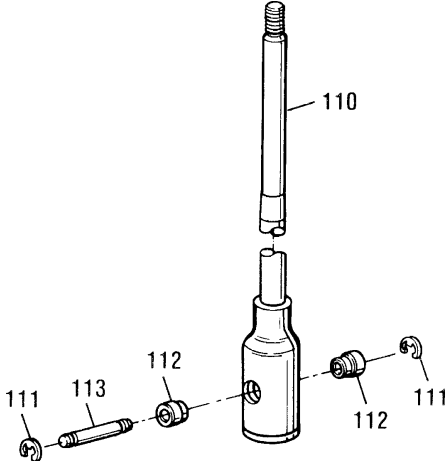
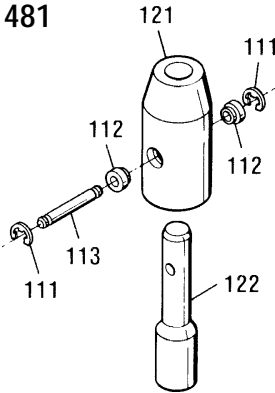
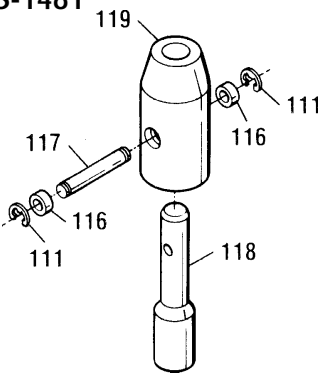
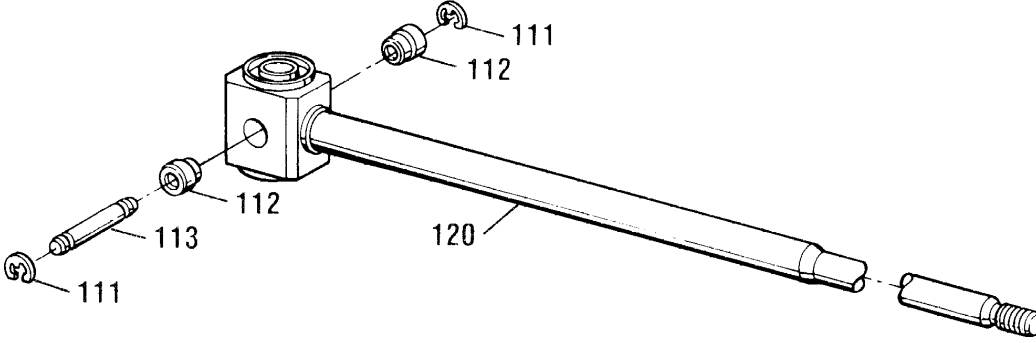
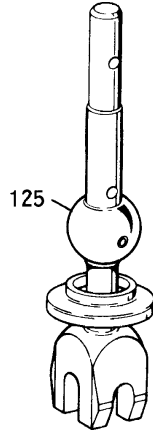
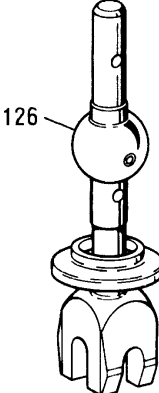
MODEL SERIES	HOUSING		STANDARD LEVER		
	LOW	HIGH	LOW	HIGH	TIP WIDTH
FS-4005, FS-5106, FS-6105 FS-6106 (Round Shift Rail)	241075	233080	22139	22138	.220-. 225
FS-5005	N/A	233080	N/A	228648	.340-. 345

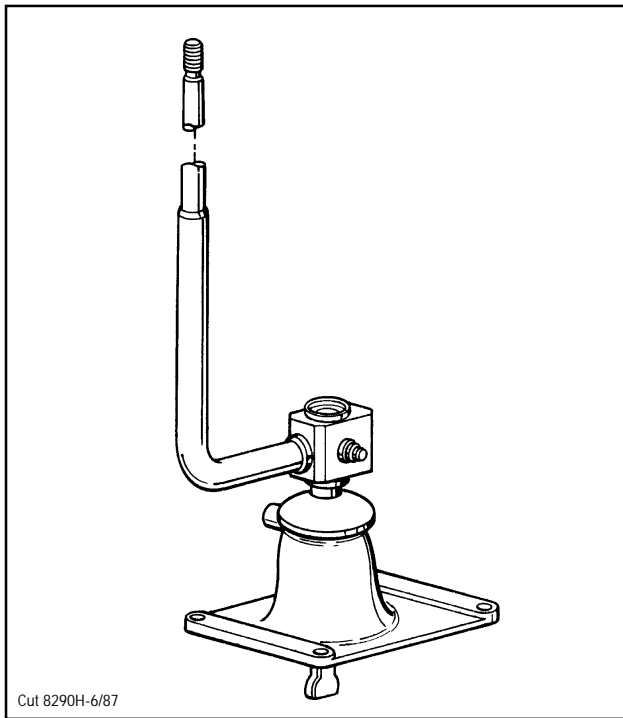


ITEM	QTY. USED	PART NO.	DESCRIPTION	SYM-BOL	STOCK QTY.
1	1	233080	Housing high		1
2	2	201054	Pin		1
3	1	229337	Spring		—
4	1	201299	Washer		—
5	1	241076	Shift lever low		—
or	1	21722	Shift lever high		—
6	1	202484	Dust cover		—
7	1	233113	Gasket		—
8	4	239611	Capscrew		—
9	1	201401	Lever grip		—
10	1	241075	Housing low		1



LEVER ISOLATOR

<p>LOWER LEVER LOW TOWER</p>  <p>Cut 8289H-5/87</p>	<p>LOWER LEVER HIGH TOWER</p>  <p>Cut 8289J-5/87</p>	<p>ISOLATOR UPPER LEVEL ASSEMBLY</p>  <p>Cut 6289E-12/86</p>	<p>SERVICE ISOLATOR ASSEMBLY</p> <div style="display: flex; justify-content: space-between;"> <div data-bbox="1186 237 1598 831"> <p>CURRENT LEVER ISOLATOR ASSEMBLY S-1481</p>  <p>Cut 289B-8/87</p> <p>Note: For installation instructions See Letter of Instructions Number L579</p> </div> <div data-bbox="1598 237 1988 831"> <p>SERVICE ISOLATOR LEVER ASSEMBLY S-1481</p>  <p>Cut 289-12/86</p> <p>Note: For installation instructions See Letter of Instructions Number L579</p> </div> </div>	
<p>FS-6106 (FLAT SHIFT RAIL)</p>		<p>90° ISLATOR UPPER LEVER ASSEMBLY</p>  <p>Cut 6289D-5/87</p>		
<p>LOWER LEVER LOW TOWER</p>  <p>Cut 8289K-5/87</p>	<p>LOWER LEVER HIGH TOWER</p>  <p>Cut 8289L-5/87</p>			



ITEM	QTY. USED	PART NO.	DESCRIPTION	SYM-BOL	STOCK QTY.
110	1	21247	Lever assembly (std.)		—
111	2	19124	"E" ring	⌘	—
112	2	21246	Bushing	⌘	—
113	1	21245	Pin	⌘	—
116	2	19123	Bushing	⌘	—
117	1	19122	Pin	⌘	—
118	1	19121	Adapter	⌘	—
119	1	A-4651	Isolator	⌘	—
120	1	21767	90° lever (std.)		—
121	1	A-5274	Isolator		—
122	1	22120	Adapter		—
123	1	21235	Lever (std.) low		—
124	1	21236	Lever (std.) high		—
125	1	21693	Lever (std.) low		—
126	1	21695	Lever (std.) high		—

PART NO.	DESCRIPTION	SYM-BOL	STOCK QTY.
K-2003	Pin and bushing kit	⌘	1

⌘ NOT AVAILABLE SEPARATELY — ORDER KIT OR ASSEMBLY

ITEM	MODELS	PART NO.	TYPE
123	Heavy-Duty	21235	Low
	Mid-Range ①		Low
	Mid-Range ②		Low
124	Heavy-Duty	21236	High
	Mid-Range ①		High
	Mid-Range ②		High
125	Mid-Range ③	21693	Low
126	Mid-Range ③	21695	High

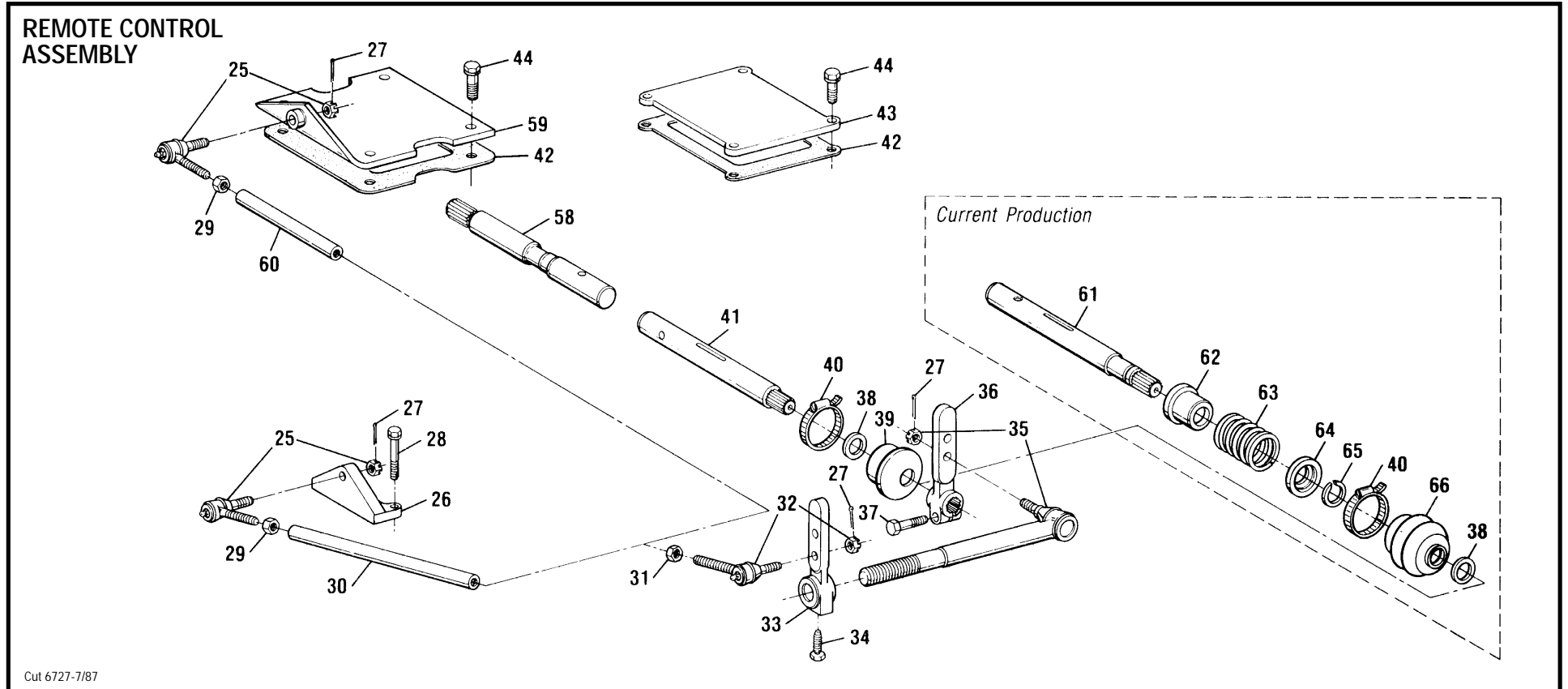
① - FS-4005, FS-5106, FS-6105, FS-6106 (Round Shift Rail)

② - FS-5005

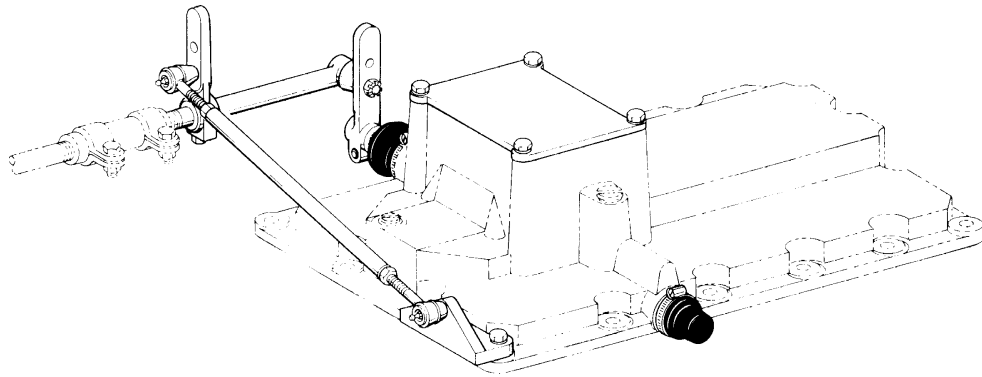
③ - FS-6106 (Flat Shift Rail)

Cut 8290G -5/87

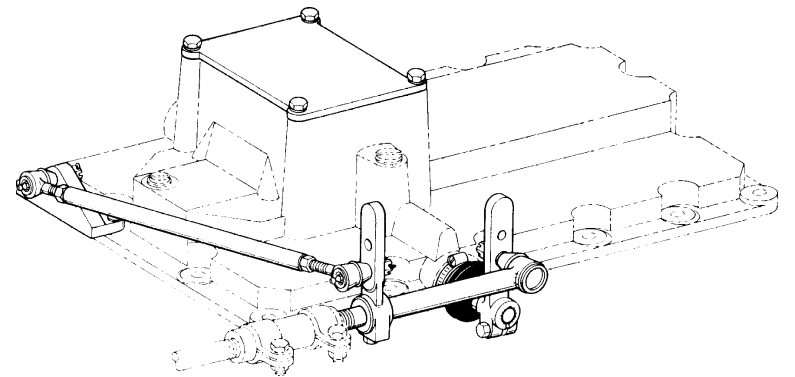
REMOTE CONTROL (FS-6106 FLAT RAIL)



RIGHT MOUNTING



LEFT MOUNTING

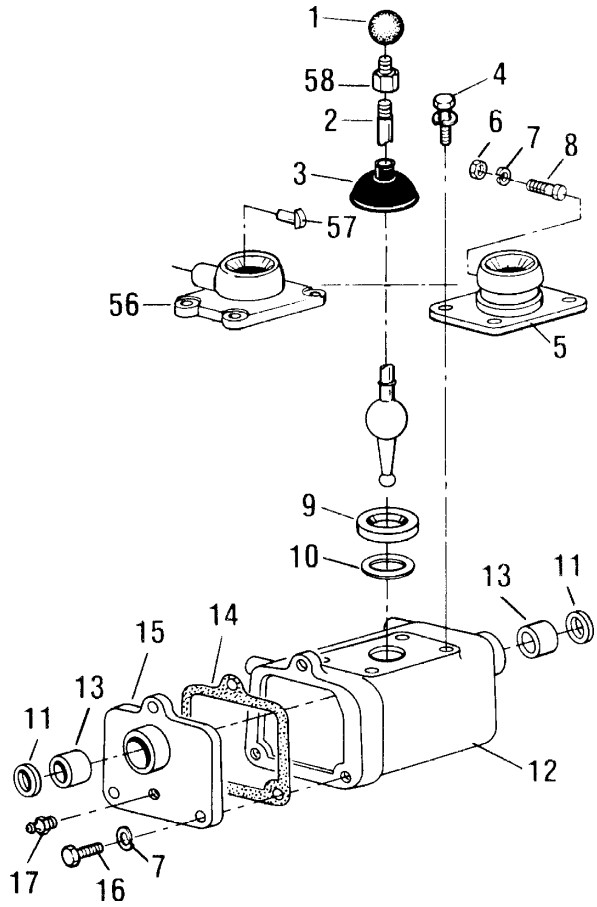


ITEM	QTY. USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.	ITEM	QTY. USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
25	1	21044	Rod end		1	38	1	11525	Retainer		1
26	1	20820	Bracket		—	39	1	20764	Boot		1
27	3	X-4-308	Cotter pin		—	40	1	13169	Clamp		1
28	2	X-8L-609	Capscrew 3/8"-16 x 1-3/4"		—	41	1	20767	Shift shaft (<i>left side</i>)		1
29	1	18242	Nut 1/2"-20 L-H		—	42	1	20699	Gasket		—
30	1	20768	Pivot link		1	43	1	20700	Cover		1
or	1	21941	Pivot link	A	1	44	4	X-8L-604	Capscrew 3/8"-16 x 1-1/4"		—
31	1	X-1-800	Nut 1/2"-20		—	58	1	21949	Shift shaft (<i>right side</i>)		1
32	1	21043	Rod end		1	59	1	21648	Cover		1
33	1	20769	Selection lever		1	60	1	21649	Pivot link		1
34	1	14016	Lockscrew		—	or	1	18473	Pivot link	A	1
35	1	20874	Shift rod assembly		1	61	1	21773	Shift shaft (<i>left side</i>)		1
36	1	20873	Outer shift lever		2	62	1	21770	Spring guide	A	1
37	1	X-8-604	Capscrew 3/8"-16 x 1-1/4"		—	63	1	21768	Spring	A	1
						64	1	21769	Spring retainer	A	1
						65	1	21774	Snap ring	A	1
						66	1	21772	Boot	A	1

A USE IN SETS

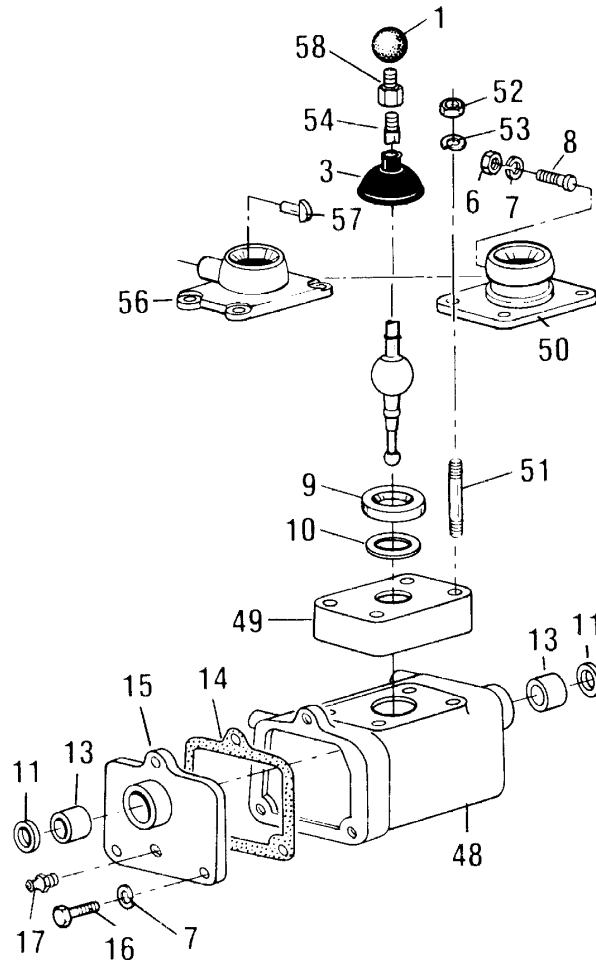
MASTER LEVER CONTROL

SRC-1 MASTER



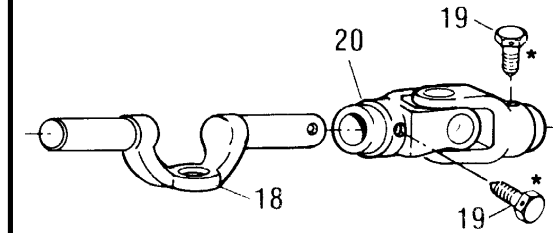
Cut 724-4/79

SRC-4-1 MASTER



Cut 725-4/79

SHIFT YOKE ASSEMBLY



Cut 726-4/79

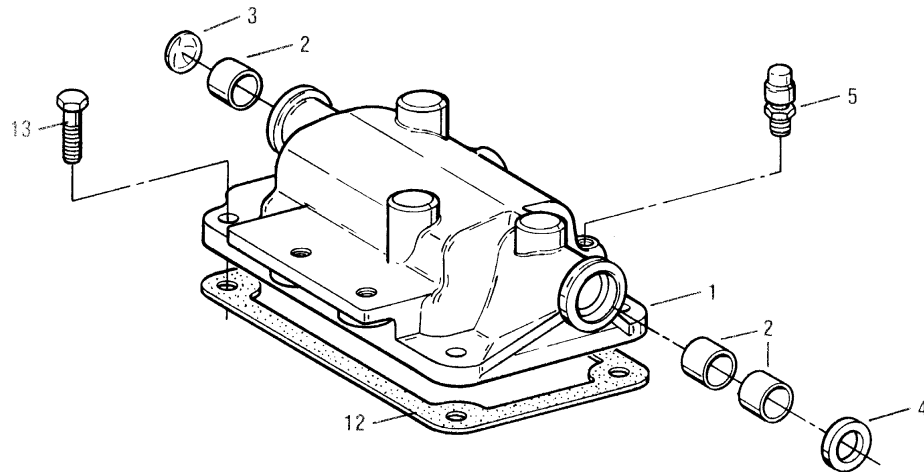
*Note: Use lock wire at these positions.

The SRC-4 Master is intended to be used to reduce the shift lever movement. However, it will also correspondingly increase shift effort.

QTY. ITEM USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.	QTY. ITEM USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
1	1075	Lever grip 5/8"-11		—	17	4759	Fitting	DL	—	A-3940	Housing assembly	B	1
or 1	4715	Lever grip 3/8"-24		—	18	13947	Shift yoke	L	1	A-3941	End cap assembly	D	1
or 1	17560	Lever grip 1/2"-13		—	19	14016	Lockscrew	GLMN	—	K-1298	Shift lever		
2	17675	Gear shift lever (std.)	L	—	20	14015	"U" joint	GLMN	2		replacement kit	H	—
3	13951	Boot	L	3	48	17185	Control housing		@	K-1831	Housing kit	R	1
4	X-8L-600	Capscrew 3/8"-16 x 1"	L	—	49	17183	Adapter		—	S-1138	SRC-1 master control		
5	13950	Cap <i>replaced by K-1480</i>		@	50	13950	Housing <i>replaced by K-1831</i>		—		<i>complete</i>	L	1
6	X-1-500	Nut 5/16"-24		—	or 1	17184	Housing <i>replaced by K-1831</i>		—	S-1139	SRC-10 slave L.H. front		
7	X-3-500	Lockwasher 5/16"		—	51	4	Stud		—		10-3/8" offset <i>complete</i>		
8	2271	Pin		6	52	X-1-600	Nut 3/8"-24		—		<i>also see pages 27 and 29</i>	M	1
9	13948	Seat	L	2	53	X-3-600	Lockwasher 3/8"		—	S-1140	SRC-1 18 slave L.H. front		
10	13949	Washer	L	2	54	17186	Gear shift lever (std.)		—		10-3/8" offset <i>complete</i>		
11	16388	Seal	†BDL	12			<i>replaced by K-1298</i>		—		<i>also see pages 27 and 29</i>	N	1
12	13945	Control housing		—	or 1	17858	Gear shift lever (std.)	H	—	S-1410	SRC-10 slave R.H. front		
		<i>replaced by A-3940</i>		—	56	18385	Housing <i>replaced by A-4913</i>		—		10-3/8" offset <i>complete</i>		
or 1	6402	Control housing		@	or 1	19150	Housing <i>replaced by A-4914</i>		—		<i>also see pages 27 and 29</i>	G	1
		<i>order A-3940</i>	BL	@	or 1	20005	Housing <i>order A-4913</i>	R	1				
13	15313	Bushing	ABDL	12	or 1	20006	Housing <i>order A-4914</i>		1				
14	13952	Gasket	L	6	57	18299	Pin	LR	2				
15	13946	End cap <i>replaced by A-3941</i>		@	58	17886	Adapter 3/8"-24 to 1/2"-13		—				
or 1	16401	End cap <i>order A-3941</i>	DL	@	or 1	17887	Adapter 7/16"-14 to 1/2"-13		—				
16	X-8-518	Capscrew 5/16"-18 * 7/8"	L	—	or 1	17888	Adapter 1/2"-20 to 1/2"-13		—				
				—	or 1	17889	Adapter 5/8"-11 to 1/2"-13	H	—				

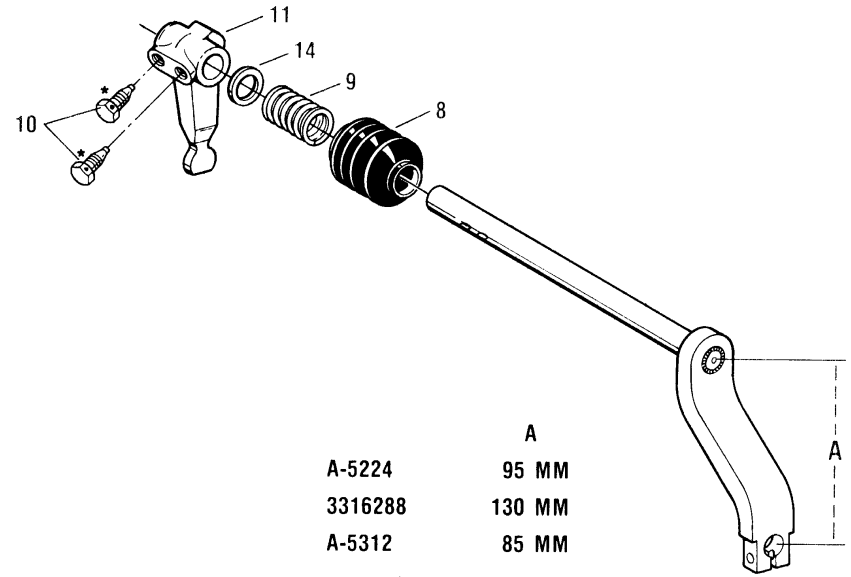
† W/16402 - 16401 ONLY

M-R CONTROL

HOUSING
ASSEMBLY

Cut 728-6/87

SHIFT SHAFT



A-5224	95 MM
3316288	130 MM
A-5312	85 MM

Cut 727-8/87

*Note: Use lock wire at
these positions.

Right-hand remote is pictured. Left-hand remote uses identical components but are installed on reverse side of control housing.

QTY. ITEM USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.	
1	1	22115	Housing	A	1
2	3	3312252	Bushing	A	6
3	1	12F-100	Plug		—
4	1	3312225	Seal		1
5	1	3315948	Breather		—
8	1	3314302	Boot		1
9	1	3315837	Spring <i>(optional)</i>		1
10	2	3315272	Lockscrew		—
11	1	3316290	Shift finger	M	2
or	1	21775	Shift finger	N	2
12	1	233113	Gasket		—
13	4	233128	Capscrew		—
14	1	3312745	Washer <i>(optional)</i>		—

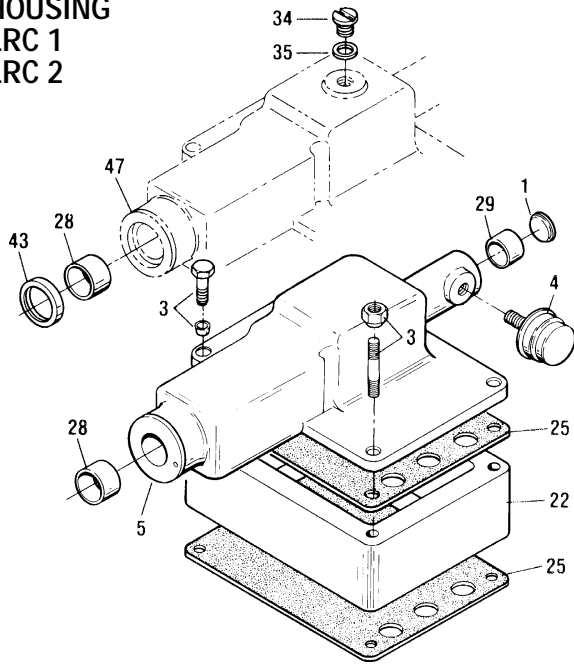
PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
3316309	Housing assembly	A	1

M USE WITH THE FOLOWING TRANSMISSION MODEL
SERIES:
FS-4005, FS-5106, FS-6105, FS-6106 (ROUND RAIL)

N USE WITH THE FOLLOWING TRANSMISSION MODEL
SERIES:
FS-5005

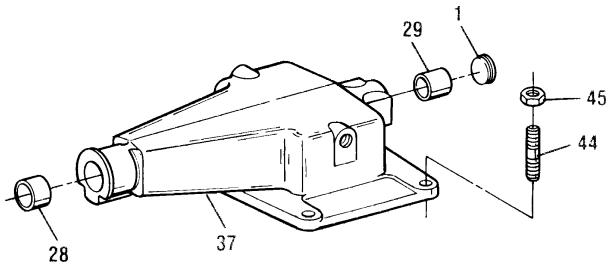
LRC CONTROL

HOUSING LRC 1 LRC 2



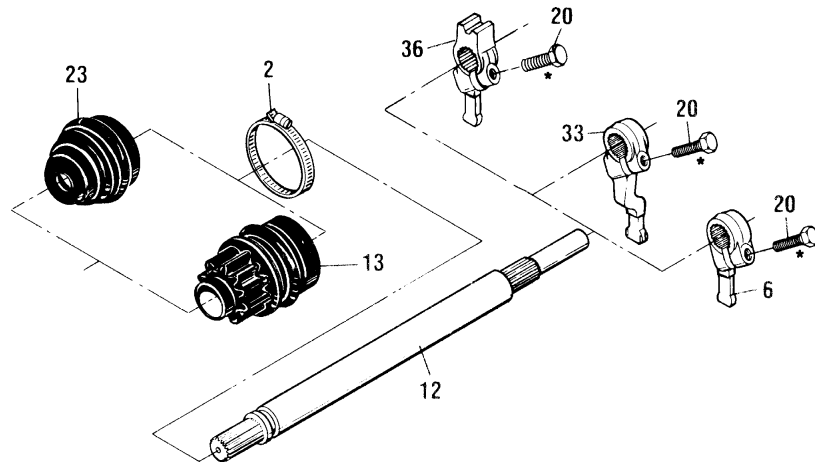
Cut 677-3/85

HOUSING LRC 3 LRC 4



Cut 686-3/85

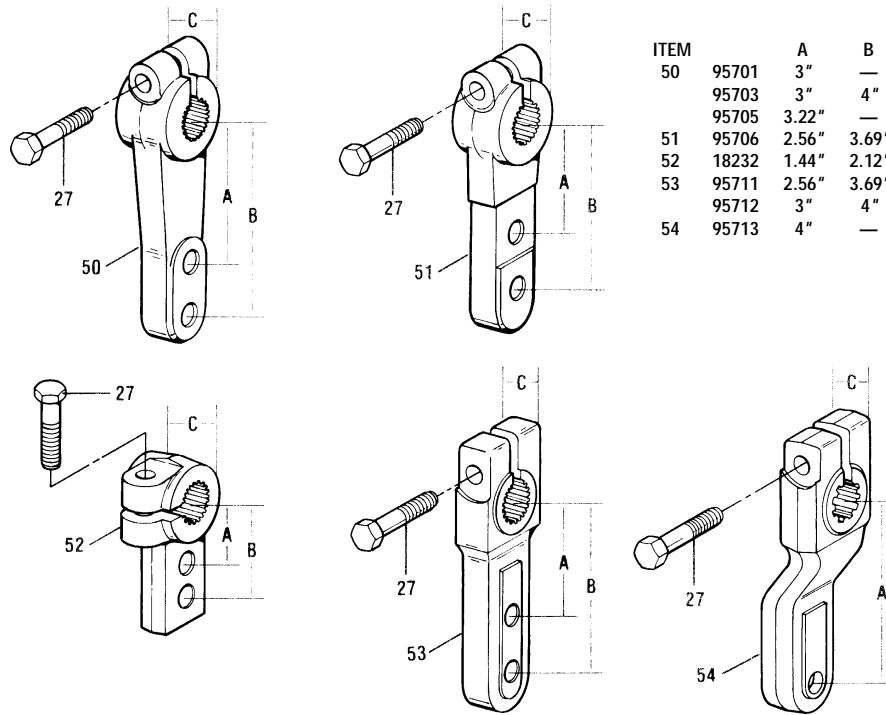
SHIFT SHAFT



Cut 678-4/85

Note: Use lock wire at these positions.

SHIFT LEVER



ITEM		A	B	C	
50	95701	3"	—	1.31"	T-955 Series
	95703	3"	4"	1.31"	
	95705	3.22"	—	1.31"	
51	95706	2.56"	3.69"	1.31"	LRC 3
52	18232	1.44"	2.12"	1.19"	
53	95711	2.56"	3.69"	.76"	
	95712	3"	4"	.76"	
54	95713	4"	—	.76"	

Cut 687-7/87

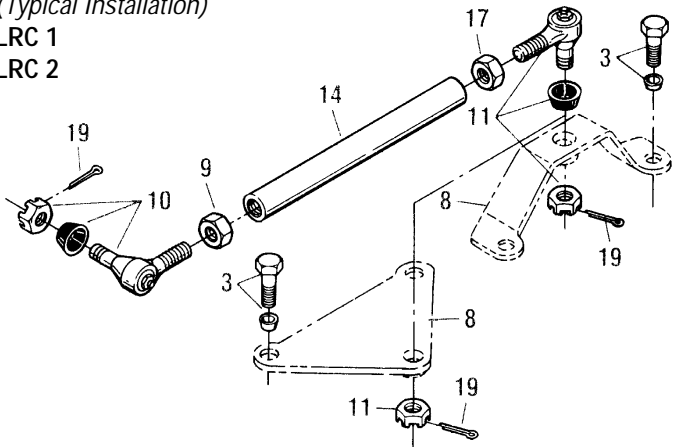
ITEM	QTY. USED	PART NO.	DESCRIPTION	SYM-BOL	STOCK QTY.	ITEM	QTY. USED	PART NO.	DESCRIPTION	SYM-BOL	STOCK QTY.	PART NO.	DESCRIPTION	SYM-BOL	STOCK QTY.
1	1	6716	Plug		6	23	1	18475	Boot w/18474 inner shaft		2	K-2028	Control housing kit	B	1
2	1	13169	Clamp		—	25	2	1642	Gasket <i>replaced by 19870</i>		—				
3	2	14249	Stud		—		or 2	19870	Gasket		—				
and	2	X-1-610	Nut 3/8"-24		—	27	1	X-8L-602	Capscrew 3/8"-1-1/2"		—				
and	2	11932	Washer		—	28	1	16368	Bushing		2				
and	2	X-8-680	Capscrew 3/8"-16 x 1-1/2"		—	29	1	16493	Bushing		2				
or	4	18245	Studs with 18244 riser		—	33	1	18243	Shift finger-inner		—				
and	4	X-1-610	Nut 3/8"-24		—				<i>T-955 series</i>		2				
.4	1	15276	Breather		—	34	1	17178	Plug		—				
5	1	18229	Control housing LRC-1		1	35	1	17179	Gasket		—				
or	1	18240	Control housing LRC-2		1	36	1	20145	Shift finger-inner		—				
or	1	21050	Control housing LRC-1	§	1				<i>w/neutral start</i>	≠	2				
or	1	21054	Control housing LRC-2	§	1	37	1	20889	Control housing LRC-3		1				
6	1	18230	Shift finger-inner		2	or 1	20892	Control housing		Æ	1				
or	1	20922	Shift finger-inner	Æ	2	or 1	20890	Control housing LRC-4			1				
or	1	20921	Shift finger-inner LRC-3		2	43	1	20762	Oil seal	§B	1				
or	1	21973	Shift finger-inner LRC-3/4	P	2	44	4	14249	Stud		—				
12	1	18231	Shift shaft-inner <i>replaced by 18366</i>		1	45	4	X-1-610	Nut 3/8"-24		—				
or	1	18366	Shift shaft-inner (14.02"long)		1	47	1	20146	Control housing LRC-2		—				
or	1	18474	Shift shaft-inner (13.40"long)		1				<i>w/neutral switch</i>	≠	1				
or	1	20900	Shift shaft-inner LRC-3 (13.17"long)		1	or 1	21054	Control housing LRC-2			—				
or	1	20901	Shift shaft-inner LRC-3, LRC-4 (13.71"long)		1				<i>w/seal and neutral switch</i>	≠B	1				
13	1	18233	Boot with 18366 inner shaft		2	50	1	<i>See cut 678</i>	Shift lever-outer		—	≠	USE IN SETS FOR 3 RAIL TRANS ONLY		
20	2	X-7-700	Capscrew 7/16"-20 x 1-1/4"		—	51	1	<i>See cut 678</i>	Shift lever-outer		—				
22	1	18244	Riser T-955 Series		—	52	1	<i>See cut 678</i>	Shift lever-outer		—				
						53	1	<i>See cut 678</i>	Shift lever-outer		—	Æ	FOR SPICER TRANSMISSIONS		
						54	1	<i>See cut 678</i>	Shift lever-outer		—				
												§	USE IN SETS		
												P	FOR FS-6106 ROUND RAIL		

LRC CONTROL

PIVOT LINK ASSEMBLY

(Typical Installation)

LRC 1
LRC 2

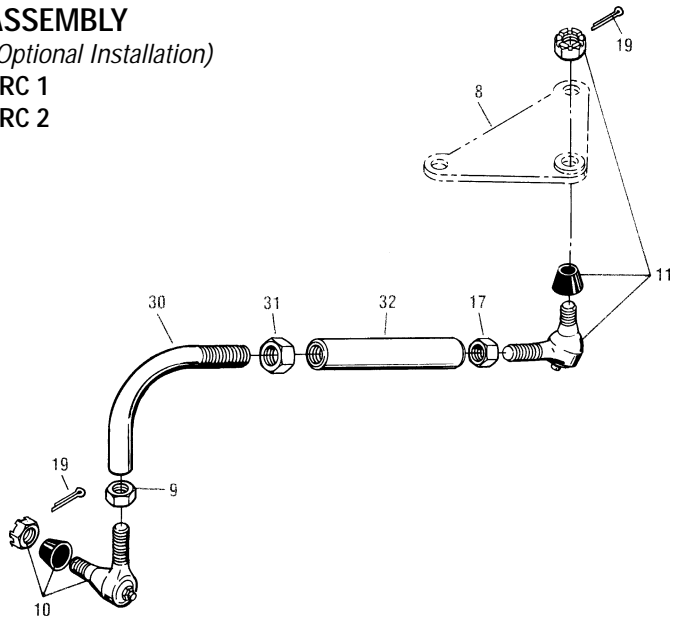


Cut 679-3/85

PIVOT LINK ASSEMBLY

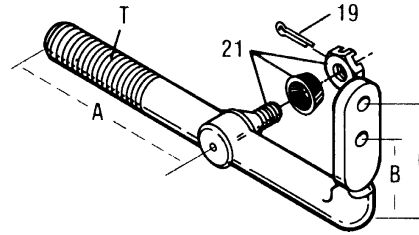
(Optional Installation)

LRC 1
LRC 2



Cut 680-3/85

SELECTION LEVER ASSEMBLY



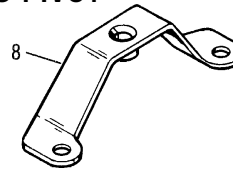
	A	B	C	T	
95501	6"	2.44"	—	7/8"-18	
95502	3.5"	2.44"	—	7/8"-18	
95503	3.5"	3"	—	7/8"-18	
95504	4.75"	—	4.5"	7/8"-18	
95505	6"	2.44"	—	7/8"-14	
95506	6"	2.44"	—	7/8"-14	
95511	4.75"	3"	4.5"	7/8"-18	LRC 3

Left hand front projection
Right hand rear projection

For rev. mounted rear engine
Right hand front projection

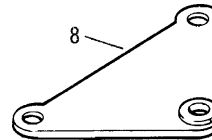
Cut 689-8/86

BRACKETS-PIVOT LINK



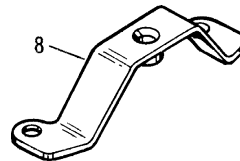
Standard Bar Housing
LRC 2—Right hand front or rear projection 18239
LRC 1—Left hand front or rear projection 18237

Cut 689-8/86



LRC 1 or LRC 2

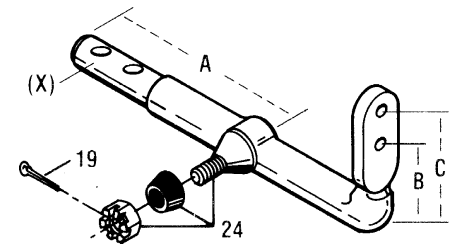
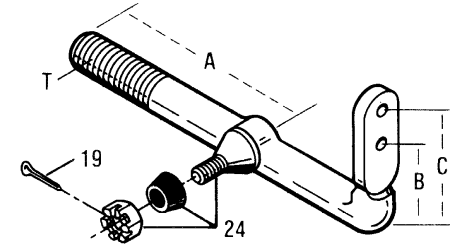
Cut 684-8/85



Forward Bar Housing
LRC 1—Right hand front or rear projection 18237
LRC 2—Left hand front or rear projection 18239

Cut 685-4/79

SELECTION LEVER ASSEMBLY



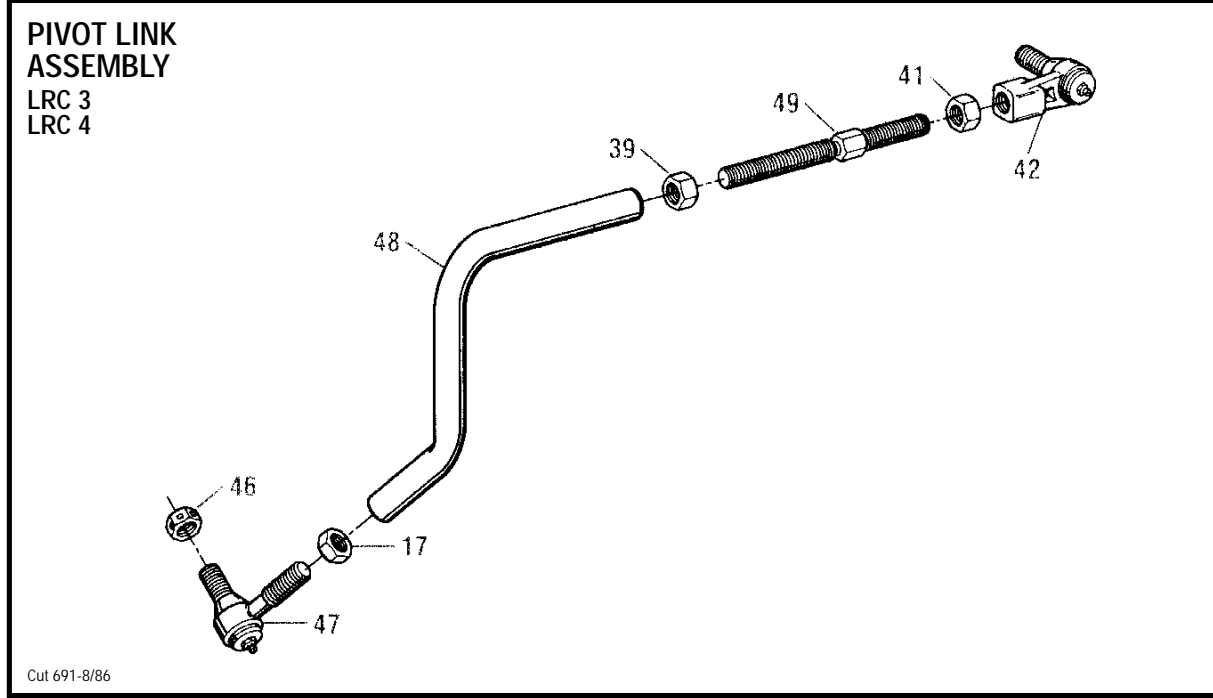
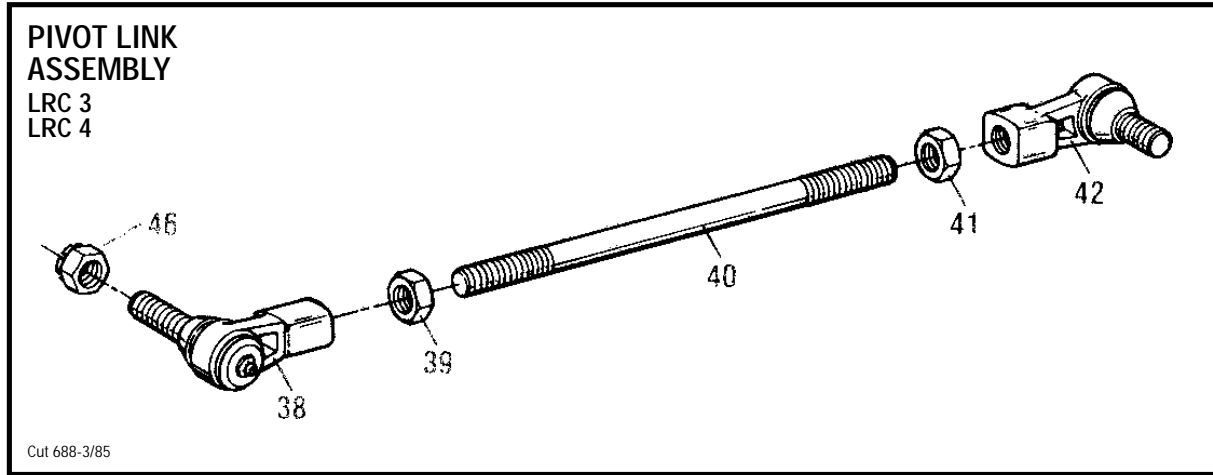
	A	B	C	T	
95601	6"	2.44"	—	7/8"-18	
95602	3.5"	2.44"	—	7/8"-18	
95603	3.5"	2"	2.75"	7/8"-18	
95604	3.5"	2"	3"	7/8"-18	
95605	6"	2"	3"	(x)	
95606	6"	2.44"	—	7/8"-14	
95607	3.5"	3"	—	7/8"-18	
95608	6"	2"	3"	(x)	

Right hand front projection
Left hand rear projection

For rev. mounted rear engine
Left hand front projection

Cut 690-8/86

PIVOT LINK



QTY.	ITEM USED	PART NO.	DESCRIPTION	SYM-BOL	STOCK QTY.
3	2	14249	Stud	—	—
and	2	X-1-610	Nut 3/8"-24	—	—
and	2	11932	Washer	—	—
and	2	X-8-680	Capscrew 3/8"-16 x 1-1/2"	—	—
or	4	18245	Studs with 18244 riser	—	—
and	4	X-1-610	Nut 3/8"-24	—	—
8	1	18237	Bracket LRC-1	—	—
or	1	18239	Bracket LRC-2	—	—
or	1	18579	Bracket T-955	—	—
9	1	18242	Nut 1/2"-20 left	—	—
10	1	18248	Rod end left	—	—
			<i>replaced by 21044</i>		
or	1	21044	Rod end left	—	1
11	1	18249	Rod end right	—	—
			<i>replaced by 21043</i>		
or	1	21043	Rod end right	—	1
14	1	18234	Pivot link w/18366 shift shaft	—	1
or	1	18473	Pivot link w/18474 shift shaft	—	1
17	1	X-1-800	Nut 1/2"-20	—	—
19	3	X-4-308	Cotter pin	—	—
21	1	See cut 689	Selection lever assembly	—	1
24	1	See cut 690	Selection lever assembly	—	1
30	1	18577	Pivot rod	—	1
31	1	X-9-1200	Nut 3/4"-10	—	—
32	1	18578	Turnbuckle	—	1
38	1	20923	Rod end left	—	1
39	1	X-9-802	Nut 1/2"-13	—	—
40	1	20925	Pivot link	—	1
41	1	20926	Nut 1/2"-13	—	—
42	1	20924	Rod end right	—	1
46	1	X-9-803	Nut 1/2"-13	—	—
47	1	21742	Rod end left	—	1
48	1	21743	Pivot link (Fuller)	—	1
or	1	21744	Pivot link (Spicer)	—	1
or	1	21745	Pivot link (Spicer)	—	1
49	1	21746	Connecting rod	—	1

LRC CONTROL 22 ADJUSTMENT

Proper adjustment of the L.R.C. is necessary for smooth shift linkage operation. Use the procedure listed below to insure correct adjustment. The steps should be followed as listed to avoid confusion and prevent mistakes.

MOVE THE INNER SHIFT FINGER TO THE NEUTRAL POSITION

1. Move the gear shift lever forward or backward to the neutral position.
2. Move the gear shift lever sideways, towards reverse, until you feel resistance from the reverse plunger spring. DO NOT overcome the spring tension and shift to reverse. The shift finger must remain in this position while you are making all the adjustments.

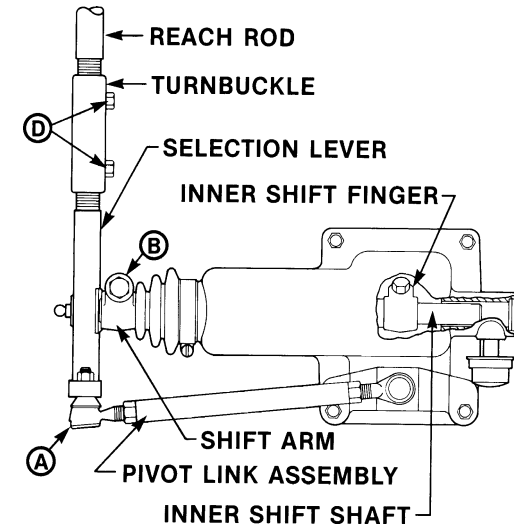


FIG. 1 — Parts of the LRC

Cut 8949B-1/85

ADJUST THE SLAVE UNIT

3. Remove the cotter pin, castle nut and ball joint, (A) (fig. 1), from the selection lever. Do not remove the ball joint from the pivot link.
4. Loosen capscrew, (B) (fig. 1), and remove shift arm from inner shift shaft. Do not disconnect the selection lever from the shift arm.
5. Turn the shift arm until it is at a right angle (90°) to the selection lever as viewed from the side (fig. 2).

NOTE: Ideally, the shift arm should be adjusted 90° to the selection lever as described, but in some chassis configurations it may be necessary to index the shift arm in the vertical position. This is done to prevent a shift lever jump out complaint. This type of adjustment will cause an unequal amount of gear shift lever travel between neutral and a forward lever position as compared to neutral and a rearward lever position.

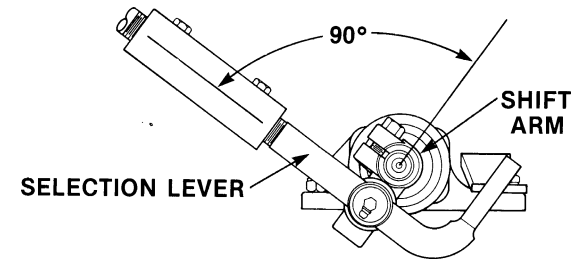
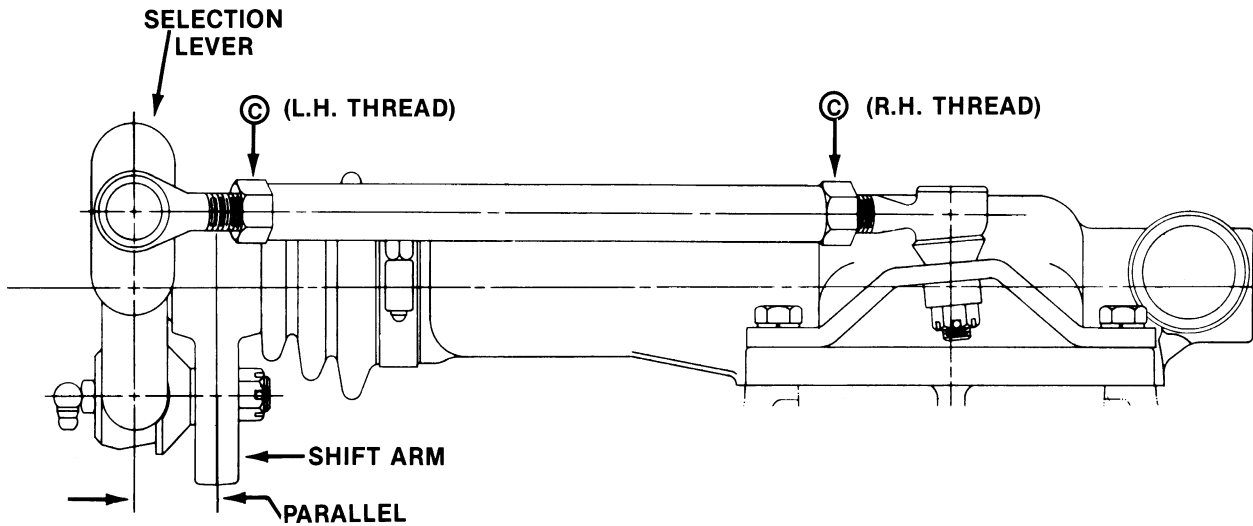


FIG. 2 — Shift Arm adjusted at right angle to Selection Lever

Cut 8949A-1/85

6. Re-install the shift arm on the splines of the inner shift shaft. You may have to move the shift arm 4 or 5 degrees to align the splines of the two parts. Disregard any movement of the gear shift lever at this point. You will adjust the gear shift lever later.
7. Tighten capscrew, (B) (fig. 1).



Cut 8949D-1/85

FIG. 3 — Proper adjustment of Selection Lever

8. Re-connect pivot link assembly ball joint to selection lever. Secure with castle nut and cotter pin.
9. Loosen jam nuts, (C) (fig. 3) on pivot link.
10. Check to be sure the inner shift finger is still in place as described in steps 1 and 2.
11. Rotate pivot link until curved end of selection lever is parallel with the shift arm as viewed from the rear (fig. 3).
12. Tighten pivot link jam nuts, (C) (fig. 3).

ADJUST GEAR SHIFT LEVER NEUTRAL POSITION

13. Loosen both capscrews on turnbuckle, (D) (fig. 1).
14. Check to be sure inner shift finger is still in place as described in steps 1 and 2.
15. Rotate turnbuckle to obtain proper forward-backward neutral position of the gear shift lever in the cab.
16. Tighten **one** turnbuckle capscrew, (D) (fig. 1).
17. Move gear shift lever to desired left-right neutral position.
18. Tighten second turnbuckle capscrew, (D) (fig. 1).
19. Check for linkage obstructions in all gear positions.

LRC CONTROL LRC CONFIGURATIONS

LRC 1 or LRC 3

STD. BAR HOUSING left hand front or rear
F BAR HOUSING right hand front or rear

LRC 2 or LRC 4

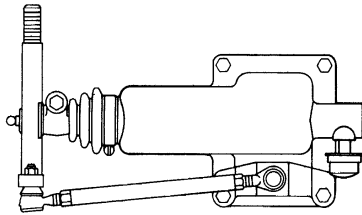
STD. BAR HOUSING right hand front or rear
F BAR HOUSING left hand front or rear

NOTE:

For Reverse Mounted Rear Engine
LRC 1 or LRC 3 Std. Bar Housing, right hand front
F Bar Housing left hand front

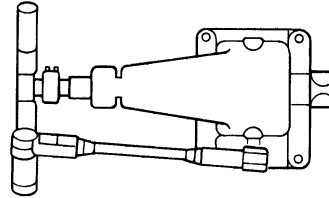
LRC 2 or LRC 4 Std. Bar Housing left hand front
F Bar Housing right hand front

LRC 1
LRC 2



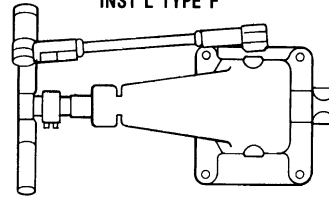
Cut 8949E-3/85

LRC 1 or LRC 3
INST'L TYPE B



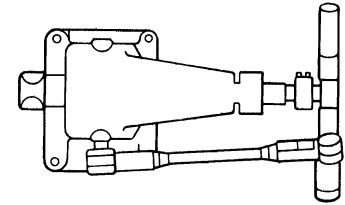
"RT" MODELS
T-11605
T-11606
T-11607

LRC 1 or LRC 3
INST'L TYPE F

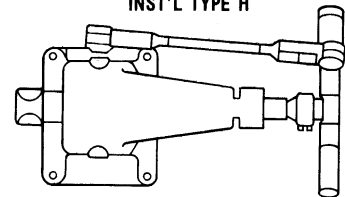


Cut 382A-4/79

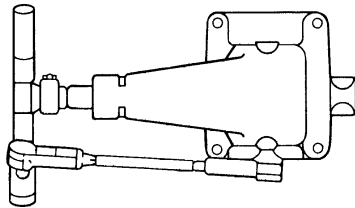
LRC 2 or LRC 4
INST'L TYPE D



LRC 2 or LRC 4
INST'L TYPE H

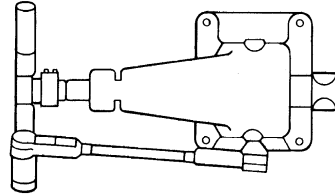


LRC 3
LRC 4



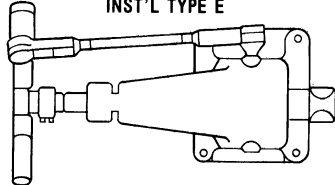
Cut 8949F-4/85

LRC 2 or LRC 4
INST'L TYPE A



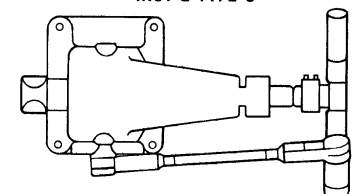
"RTF" MODELS

LRC 2 or LRC 4
INST'L TYPE E

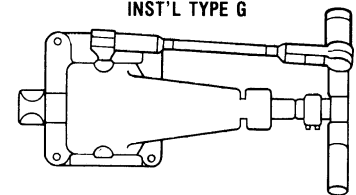


Cut 8949C-3/85

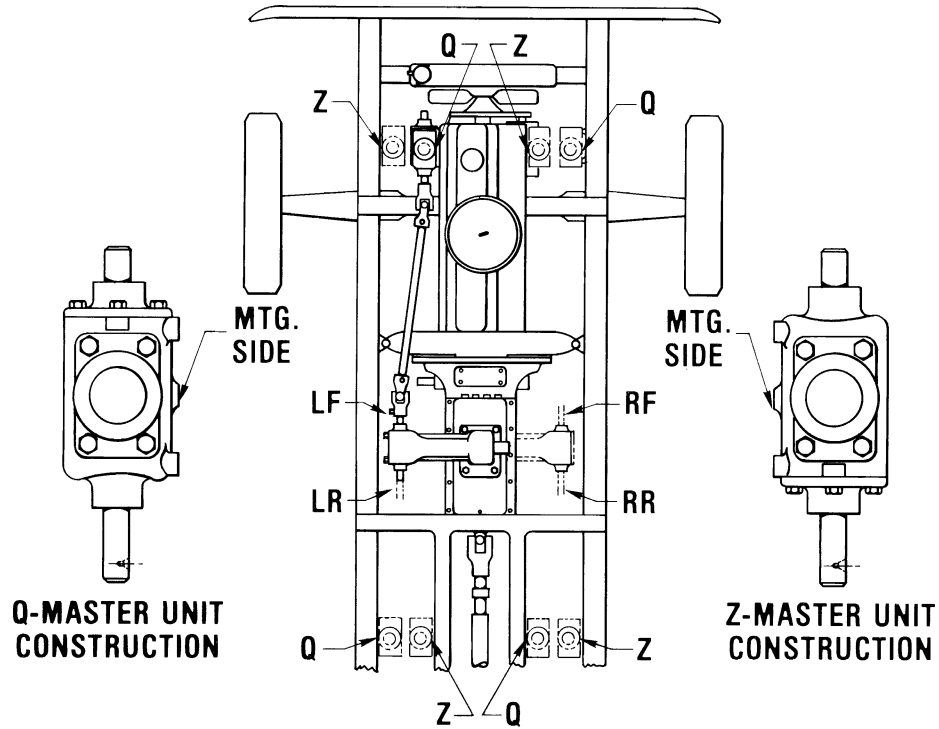
LRC 1 or LRC 3
INST'L TYPE C



LRC 1 or LRC 3
INST'L TYPE G



SRC CONTROL OPTIONAL INSTALLATIONS



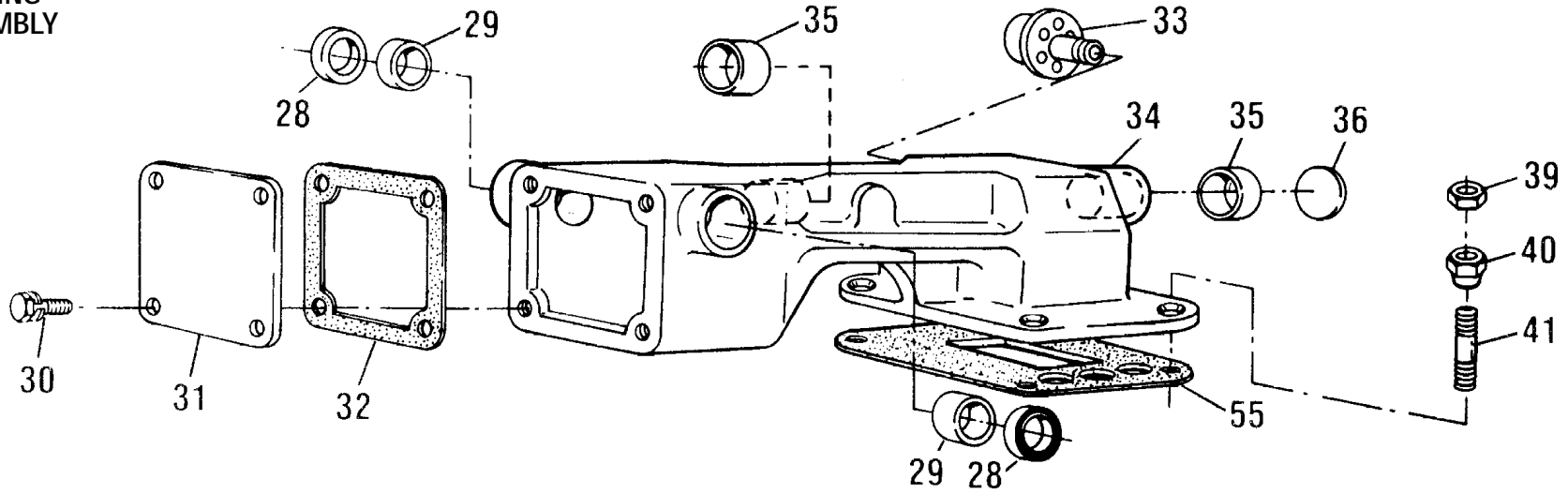
Model	Application	Shift Shaft Angle	Centerline Offset	Shift Shaft Projection	Housing Projection	Weight
SRC-10	3 or 4 rail transmission	0°	10-3/8" 11-1/8"	Front or Rear	Right or Left	13 lbs.
SRC-118	3 or 4 rail transmission	18°	10-3/8"	Front	Left	13 lbs.
SRC-130	3 or 4 rail	30°	8-1/2"	Front	Left	12 lbs.
SRC-20	4 rail	0°	10-3/8"	Front or Rear	Left	17 lbs.
SRC-218	4 rail	18°	10-3/8"	Front	Left	17 lbs.

SLAVE UNIT:

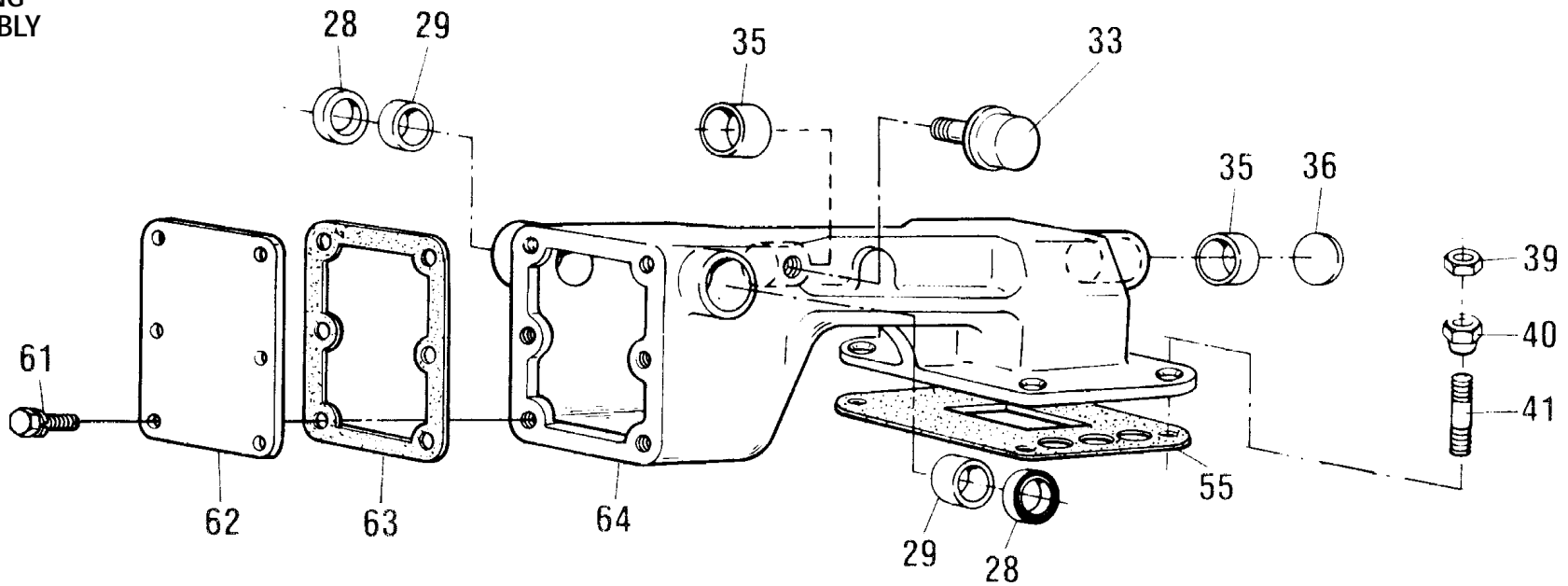
- LF - LEFT HAND FORWARD
- LR - LEFT HAND REARWARD
- RF - RIGHT HAND FORWARD
- RR - RIGHT HAND REARWARD

Cut 950-4/79

SRC CONTROL

HOUSING
ASSEMBLY
SRC 1

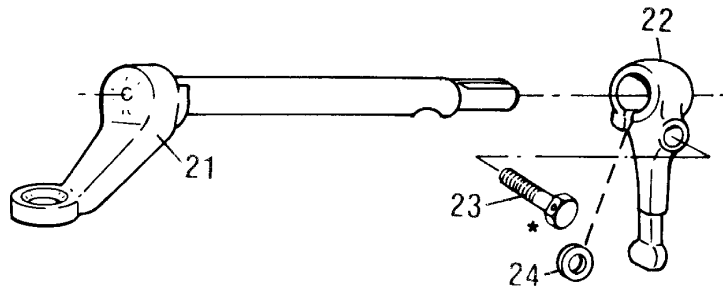
Cut 723-3/82

HOUSING
ASSEMBLY
SRC 2

Cut 719-5/85

SCR CONTROL

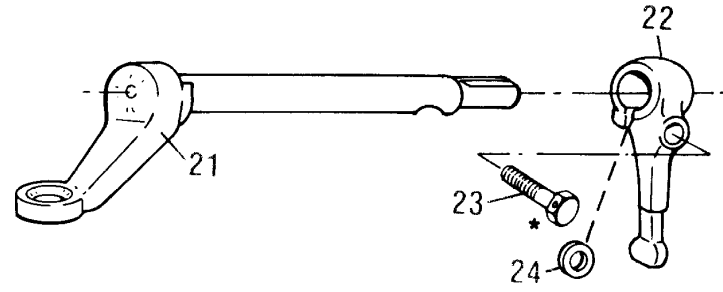
SHAFT ASSEMBLY



Cut 721-4/79

*Note: Use lock wire at these positions.

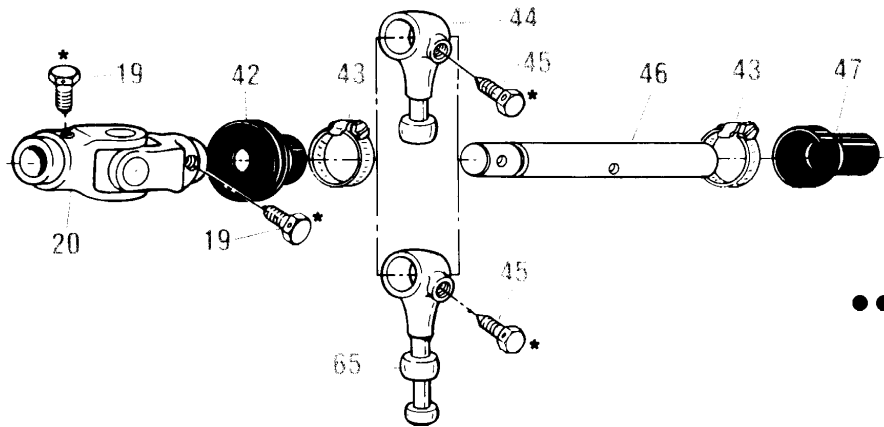
SHAFT ASSEMBLY



Cut 718-4/79

*Note: Use lock wire at this position.

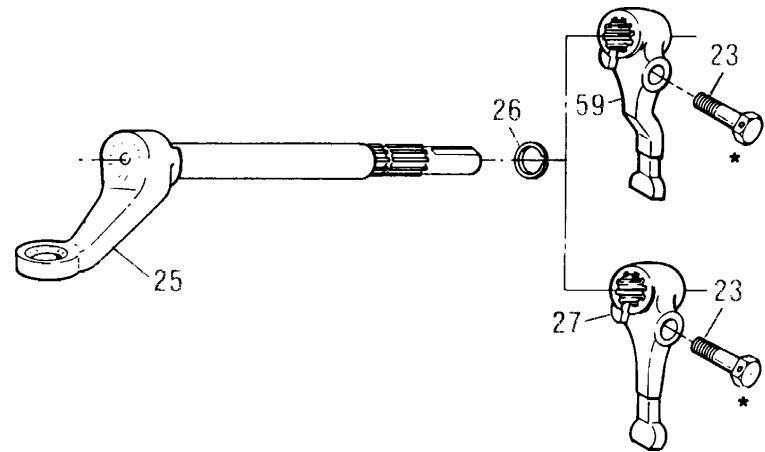
SHIFT SHAFT ASSEMBLY



Cut 720-4/79

*Note: Use lock wire at these positions.

SHAFT ASSEMBLY



Cut 722-4/79

*Note: Use lock wire at this position.

QTY. ITEM USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.	QTY. ITEM USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
19	2	14016		—	42	1	14975		3	K-1636	Housing replacement	E	1
20	1	14015		2	43	2	14441		—	K-1637	Housing replacement	F	1
21	1	A-3599		1	44	1	13790		1	K-1416	Housing kit	K	1
					45	1	3220		—	S-1139	SRC-10 slave <i>L.H. front</i>		
or	1	A-3600		1	46	1	16385		1		10-3/8" offset complete		
					or	1	16389		1		<i>also see pages 15 and 27</i>	M	1
or	1	A-3604		1	47	1	14974		3	S-1140	SRC-118 slave <i>L.H. front</i>		
					or	1	15283		3		10-3/8" offset complete		
or	1	A-3605		1	59	1	17062		2	S-1410	SRC-10 slave <i>R.H. front</i>	N	1
											<i>also see pages 15 and 27</i>		
22	1	15275		2	60	1	A-4548		1		SRC-10 slave <i>10-3/8" offset</i>		
23	1	X-7-706		—					÷		<i>also see pages 15 and 27</i>	G	1
			EFGKMN	—	65	1	18778		÷				
24	1	15269		1					1				
25	1	A-3925		1					1				
or	1	A-3926		1									
			EF	1									
or	1	A-3927		1									
			GMN	1									
or	1	A-4186		1									
			K	1									
				1									
			⊙	1									
26	1	16387		2									
			EFGKMN	2									
27	1	16386		2									
			EFGKMN	2									
or	1	21973		2									
			P	2									

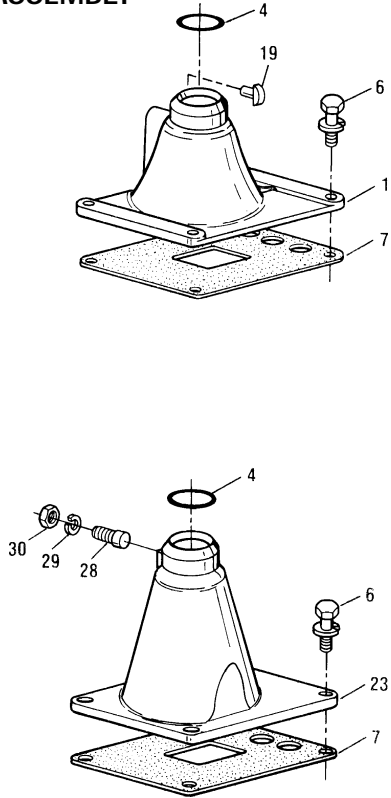
⊕ RELOCATION OF BOOTS ITEM 42 AND 47 ALLOWS FOR OPTIONAL REAR PROJECTION FOR SRC-10 SLAVE L.H. FRONT

÷ USE IN SETS FOR SRC-20 OR SRC-218
ALSO SEE PAGE 27

⊙ USE IN SETS (A-4186 AND 17030)
ALSO SEE PAGE 27

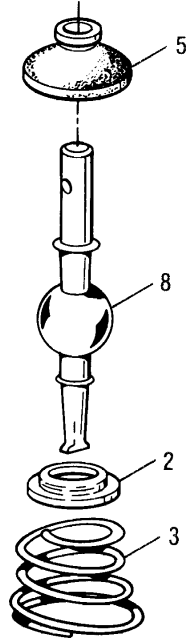
RCL CONTROL

LEVER HOUSING ASSEMBLY



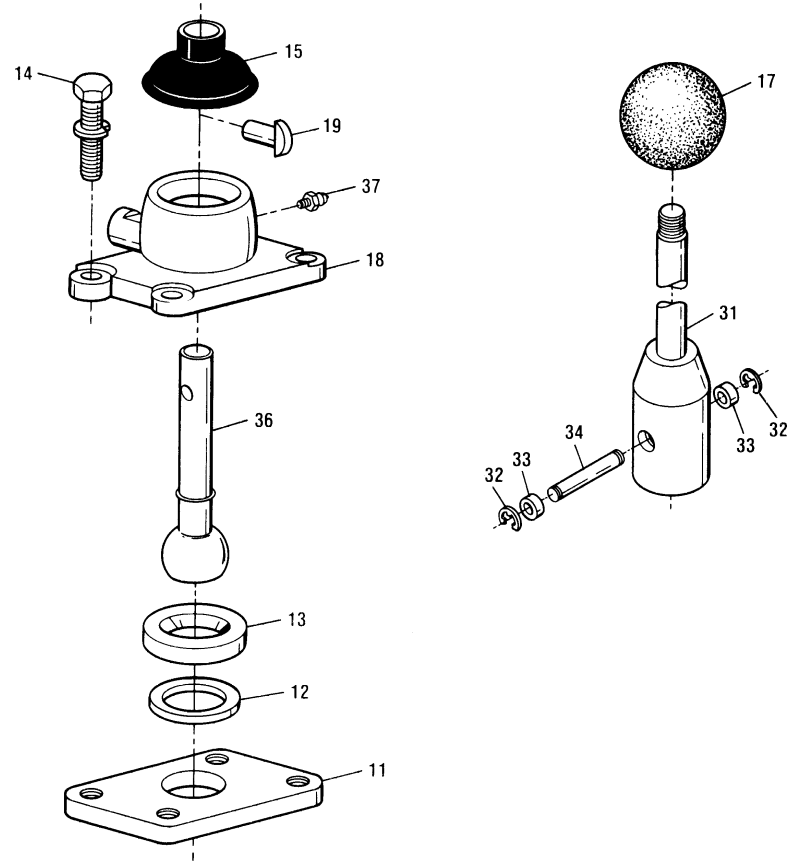
Cut 6288D-6/86

SHIFT LEVER SLAVE



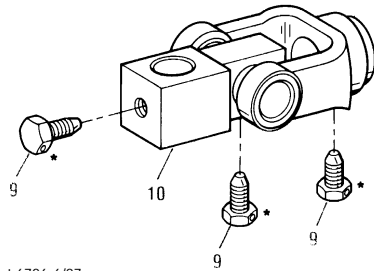
Cut 6288E-6/86

SHIFT LEVER MASTER With Lever Isolator

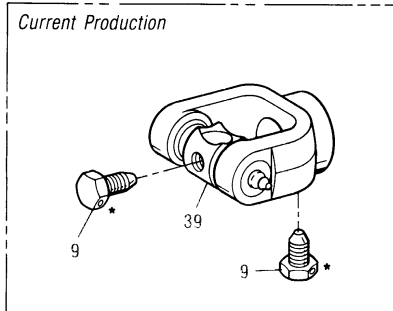


Cut 6289B-7/86

PIVOT JOINT

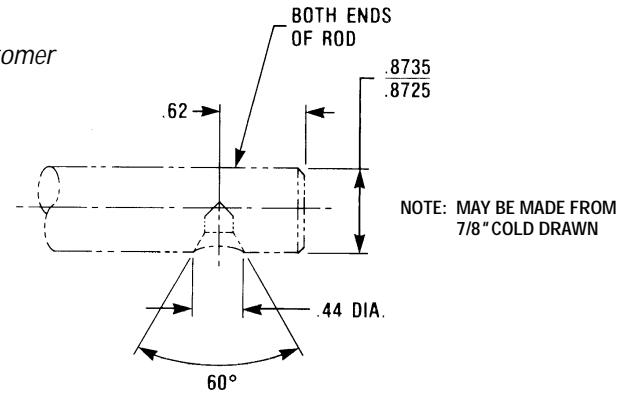


Cut 6726-6/87



*Note: Use lock wire at these positions.

REACH ROD Furnished by Customer



Cut 6726A-6/86

QTY. ITEM USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.	QTY. ITEM USED	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.	PART NO.	DESCRIPTION	SYM- BOL	STOCK QTY.
1	18298	Housing shift lever low <i>order K-1476</i>	A	@	17	17560	Lever grip		—	A-5219	Housing assembly	D	1
2	2538	Retainer		1	18	A-4913	Housing <i>replaced by A-5219</i>		—	K-1476	Replacement kit lever housing	A	1
3	2536	Spring		—	or 1	21309	Housing <i>order A-5219</i>	D	@	K-1630	Replacement kit lever housing	B	1
4	17162	"O" ring (<i>special</i>)	AB	2	19	18299	Pin	A	2	K-2003	Pin and bushing kit	C	1
5	10427	Boot		—	23	17167	Housing shift lever high <i>order K-1630</i>	B	@				
6	X-8L-604	Capscrew 3/8"-16 x 1-1/4"		—	28	6541	Pin		2				
7	19870	Gasket	AB	—	29	X-3-500	Lockwasher 5/16"		—				
8	21009	Shift lever slave low <i>replaced by 21484</i>		—	30	X-1-500	Nut 5/16"-24		—				
or 1	21484	Shift lever slave low <i>w/rear located master</i>		1	31	21159	Shift lever master <i>replaced by 21247</i>		—				
or 1	21482	Shift lever slave low <i>w/front located master</i>		1	or 1	21247	Shift lever master		1				
or 1	21483	Shift lever slave high <i>w/front located master</i>		1	32	19124	"E" ring	C	2				
or 1	21485	Shift lever slave high <i>w/rear located master</i>		1	33	19123	Bushing	∅	2				
or 1	21157	Shift lever slave high		1	or 2	21246	Bushing	C	2				
9	6	14016	Lockscrew	—	34	19122	Pin	∅	1				
10	2	21008	Pivot joint	Ψ	or 2	21245	Pin	C	1				
11	1	21012	Retaining plate	—	36	21158	Shift lever master <i>replaced by 21471</i>		—				
12	1	13949	Washer	2	or 1	21471	Shift lever master		1				
13	1	13948	Seat	2	37	21308	Grease fitting	D	—				
14	4	X-8L-609	Capscrew 3/8"-16 x 1-1/4"	—	39	21307	Pivot joint		2				
15	1	13951	Boot	—									

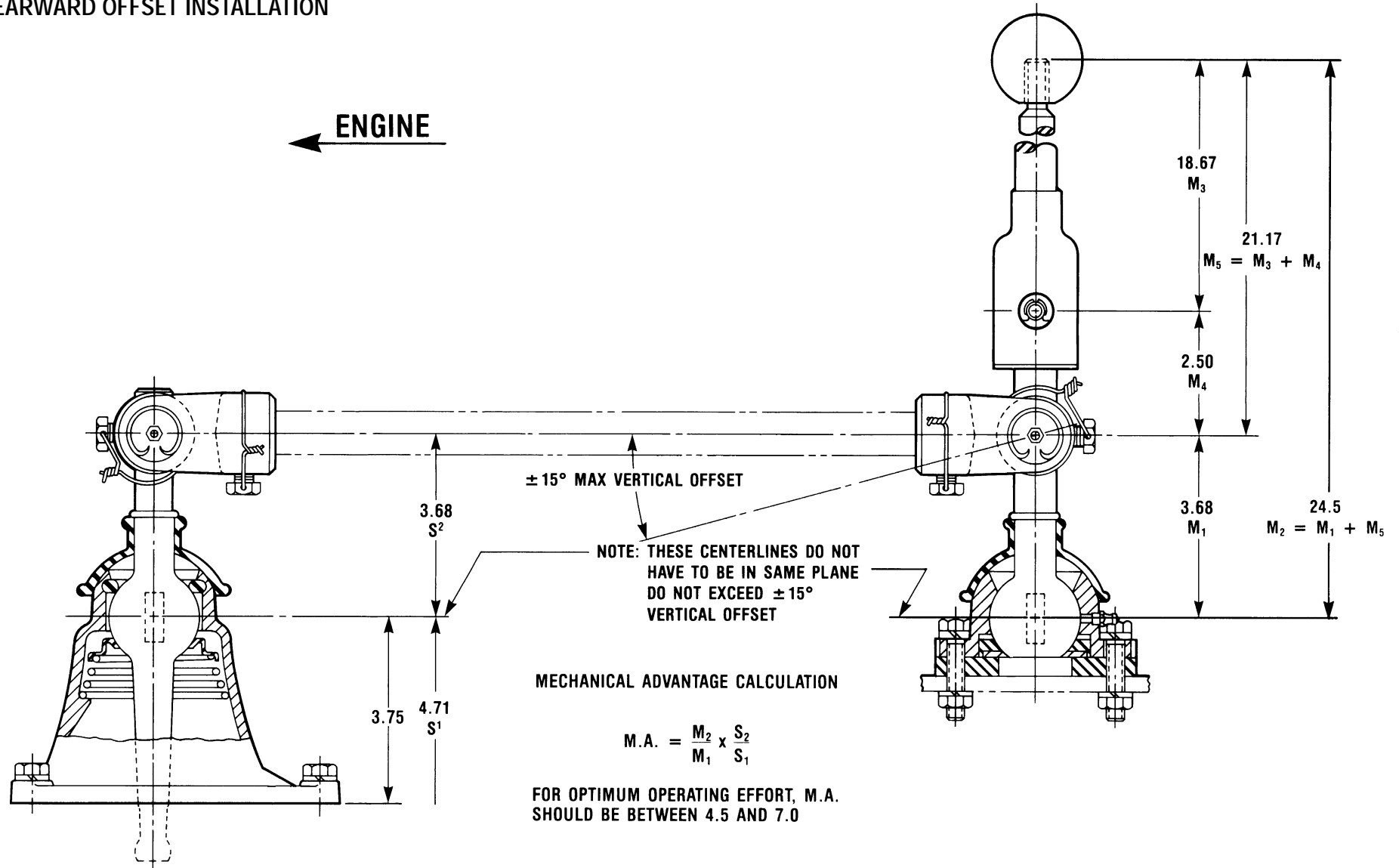
∅ NOTE: USED IN SETS WITH ITEM 31 21159 SHIFT LEVER.

Ψ NOTE: 21008 "U" JOINT MAY BE REPLACED WITH 21307 "U" JOINT. HOWEVER THE REACH ROD MUST BE 2.8 INCHES LONGER FOR THE 21307 "U" JOINT.

RLC CONTROL

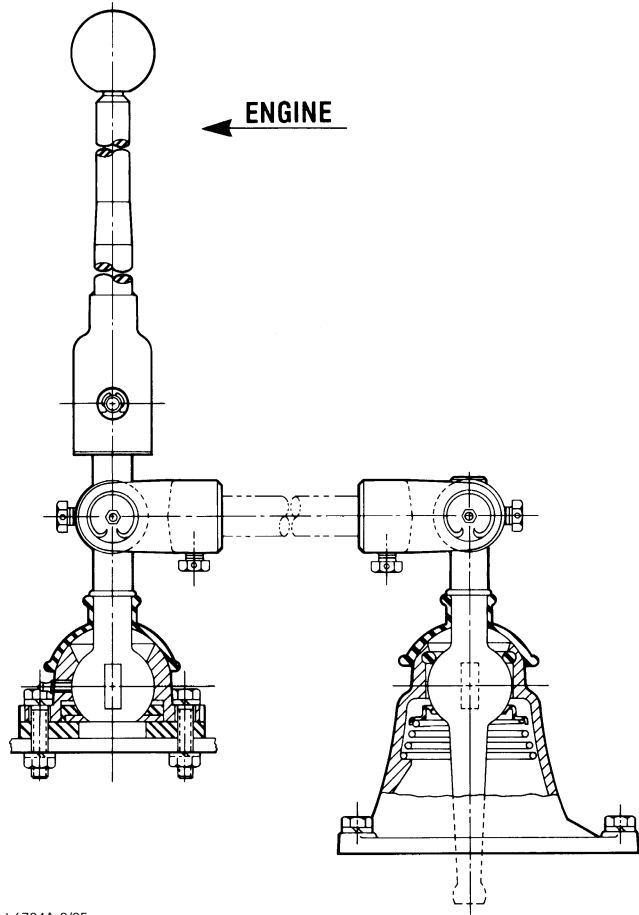
The RLC Control was designed for a conventional truck to eliminate the need for using a long severely bent shift lever when the shift lever location in the cab is not in the same location as the shift lever opening in the transmission.

REARWARD OFFSET INSTALLATION



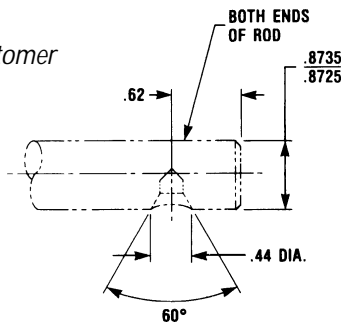
LOW TOWER CONSTRUCTION

FORWARD OFFSET INSTALLATION



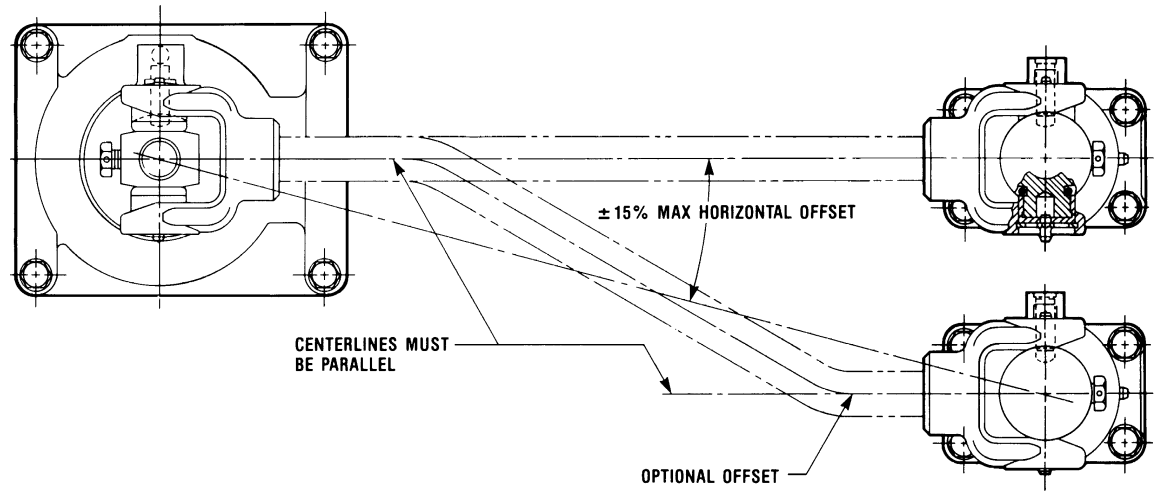
Cut 6724A-8/85

REACH ROD *Furnished by Customer*



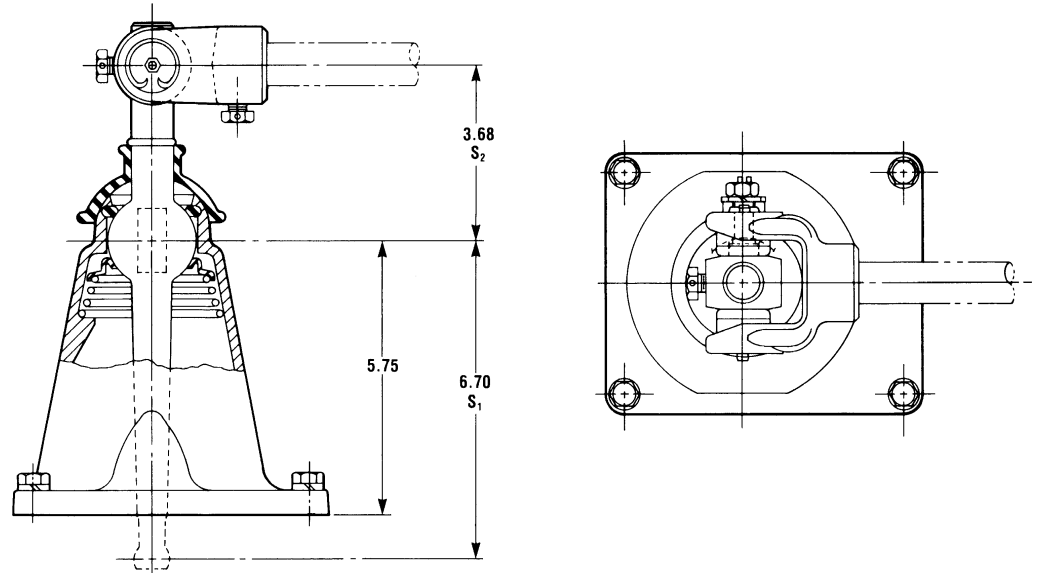
Cut 6726A-6/86

REARWARD OFFSET INSTALLATION

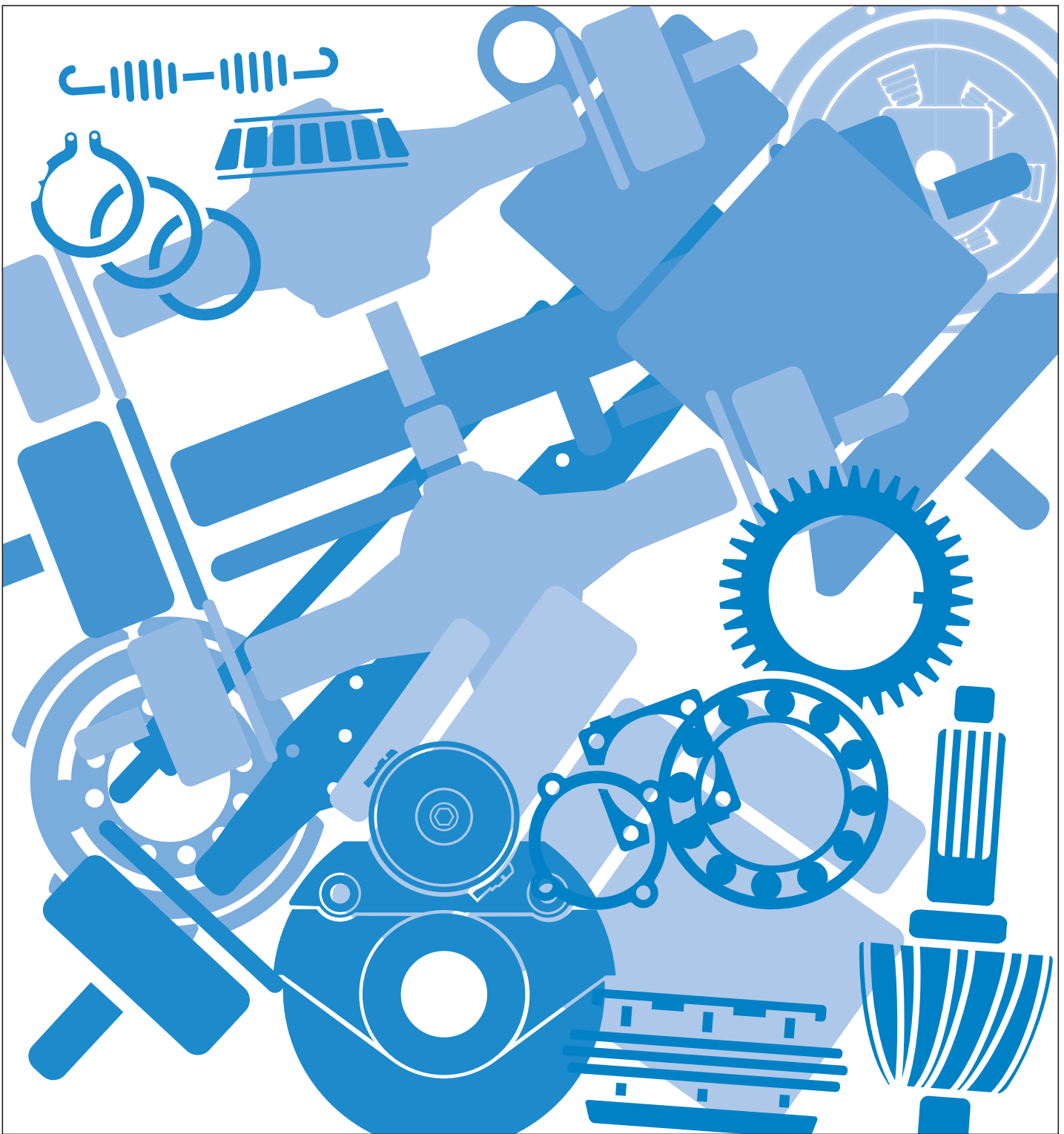


Cut 6724B-8/85

REARWARD OFFSET INSTALLATION SLAVE UNIT HI TOWER CONSTRUCTION



Cut 6724C-6/86



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