

Chassis**120 Steering**

COLUMN

COLUMN COMPONENTS

With: FEATURE 40361-01 _____ 1

TILT/TELESCOPING STEERING COLUMN

To CSN 10148859 _____ 2

From CSN 10148860 (11/03/03) _____ 3

GEAR

TAS 55, 65, 85 _____ 4

LINKAGE

LEFT-HAND DRIVE

With: FEATURE 40097-02 _____ 5

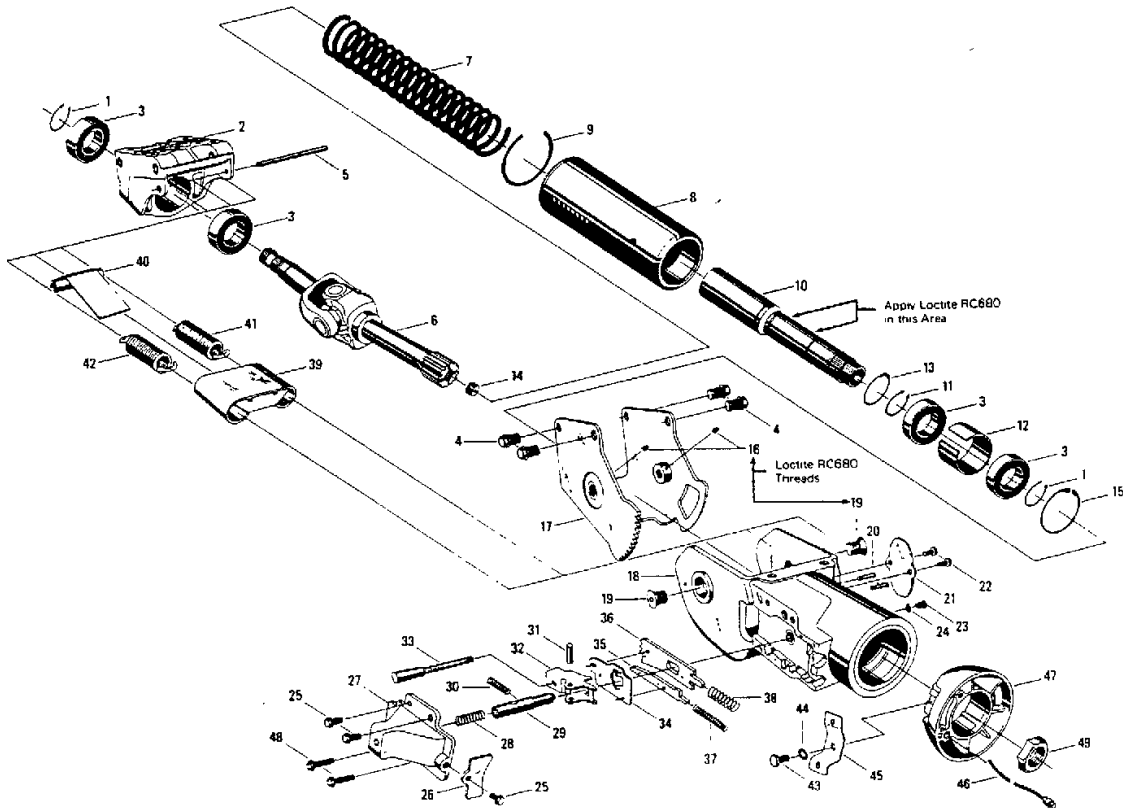
RIGHT-HAND DRIVE

With: OPTION 4001, FEATURE 40361-01 _____ 6

Models: A3RE
COLUMN
COLUMN COMPONENTS
With Features: FEATURE 40361-01

Key	PartNumber	Qty	Description	Comment
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POWER STEERING COLUMN



Models: A3RE
COLUMN
COLUMN COMPONENTS
With Features: FEATURE 40361-01

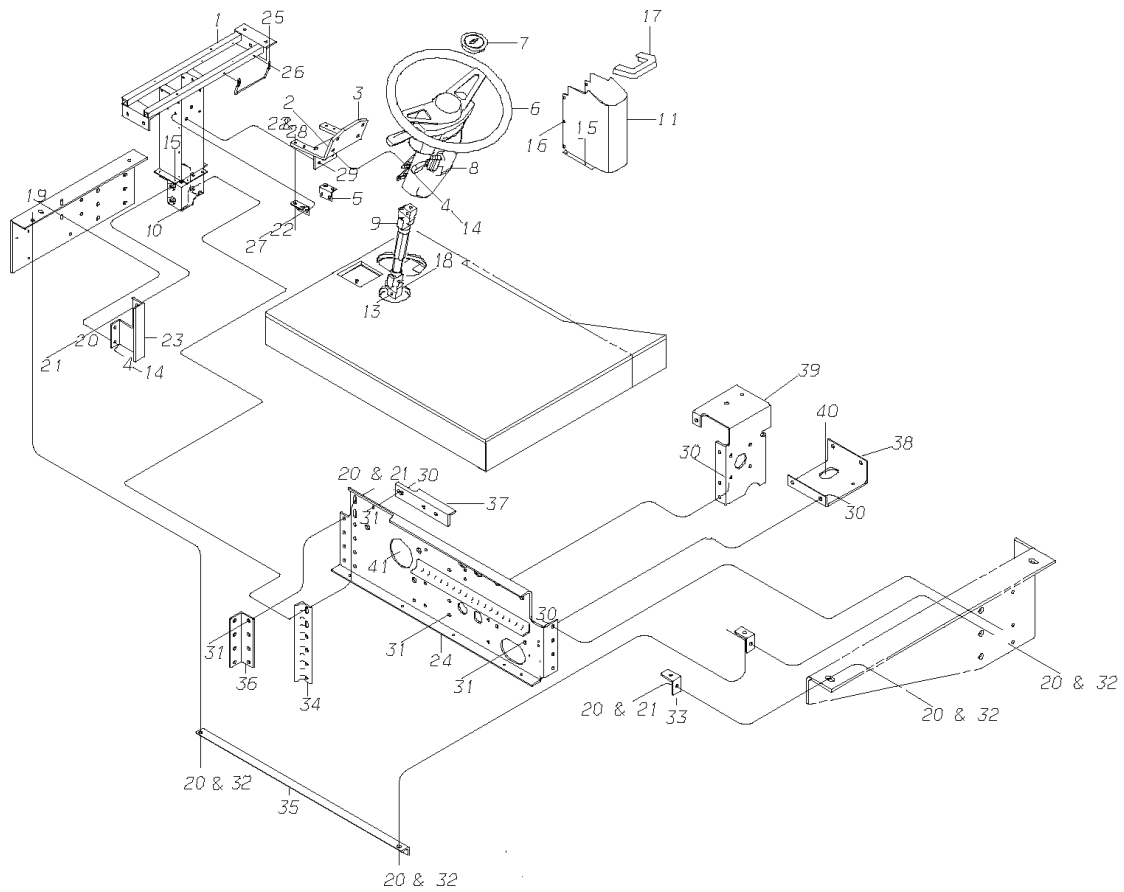
Key	PartNumber	Qty	Description	Comment
NI	1644988		COLUMN ASSY,STEERING,TILT/TELE,TCFC/RE	<i>CONSISTING OF ITEMS 1 THRU 49</i>
NI	4292066		SWITCH ASSY,DIRECTIONAL,HAZARD,SIGNAL	
1	4289708		RING,RETAINING,STG,COLUMN 1379478"	
2	4289716		BLOCK ASSY,BEARING,UNIV JOINT 1379478	
3	4289724		BEARING,UNIV JOINT 1379478"	
4	4289732		SCREW,SELF TAP,3/8-16 X 1,HEX HD"	
5	4289740		ROD,SPRING RETAINER,STG COLUMN 1379478	
6	4289757		U-JOINT ASSY,STG COLUMN 1379478"	
7	4289765		SPRING,JACKET TUBE,EXTENDED 1379478	
8	4289773		TUBE,JACKET,STG COLUMN 1379478"	
9	4289781		RING,RETAINING,JACKET TUBE 1379478	
10	4289799		TUBE & SLEEVE ASSY,STG COLUMN 1379478"	
11	4289708		RING,RETAINING,STG,COLUMN 1379478"	
12	4289807		SPACER,BRG,STG COLUMN 1379478"	
13	4289815		RING,RETAINING,STG COLUMN 1379478"	
14	4289823		PLUG,PIPE,1/8 SOCKET HD	
15	4289831		RING,RETAINING,STG COLUMN 1379478"	
16	4289849		SCREW,SET,10X24 X 3/16 SOC HD 1379478"	
17	4289856		BRACKET,SUPT,STEERING COLUMN 1379478"	
18	4289872		SCREW,PIVOT,1/2,20 X 1 1/8 SOC HD 1379478"	
19	4289872		SCREW,PIVOT,1/2,20 X 1 1/8 SOC HD 1379478"	
20	4289880		PIN,TRAVEL STOP STG COLUMN 1379478	
21	4289898		COVER,STOP,HSG STG COLUMN 1379478	
22	4289906		SCREW,SELF TAP,10-24 X 1/2,HEX	
24	4289922		WASHER,LOCK,INTN TOOTH 1379478	
25	4289930		SCREW,SELF TAP,10-24 X 5/8"	
26	4289948		COVER PLATE,SPRING,STG COLUMN 1379478	
27	4289955		ACTUATOR HOUSING & BUSHING ASSY	
28	4289963		SPRING,ACTUATOR HOUSING,1379478"	
30	4289971		SPRING,ANTI-RATTLE 1379478"	
34	4289997		PLATE,DISENGAGING, 1379428"	
35	4290003		WEDGELOCK,STG COLUMN 1379478"	
36	4290011		LOCKBAR,STG COLUMN 1379478"	

Models: A3RE
COLUMN
COLUMN COMPONENTS
With Features: FEATURE 40361-01

Key	PartNumber	Qty	Description	Comment
37	4290029		SPRING,WEDGELOCK 1379428"	
38	4290037		SPRING,LOCKBAR 1379478"	
39	4290045		SPRING COVER,UPPER 1379478"	
41	4290060		SPRING,RH,GREEN 1379478	
42	4290078		SPRING,LH,1379478	
44			NOT AVAILABLE	<i>PART NOT USED ON BLUE BIRD STEERING COLUMN</i>
45			NOT AVAILABLE	<i>PART NOT USED ON BLUE BIRD STEERING COLUMN</i>
47	4288023		HOUSING ASSY,DIRECTIONAL SIGNAL SWITCH	
48	4290102		SCREW,SELF TAP,10-24 X 7/8,1379478	
49	2595924		NUT,WHEEL,STEERING	

Models: **A3RE**
COLUMN
TILT/TELESCOPING STEERING COLUMN
To CSN 10148859

Key	PartNumber	Qty	Description	Comment
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Models: **A3RE**
COLUMN
TILT/TELESCOPING STEERING COLUMN
To CSN 10148859

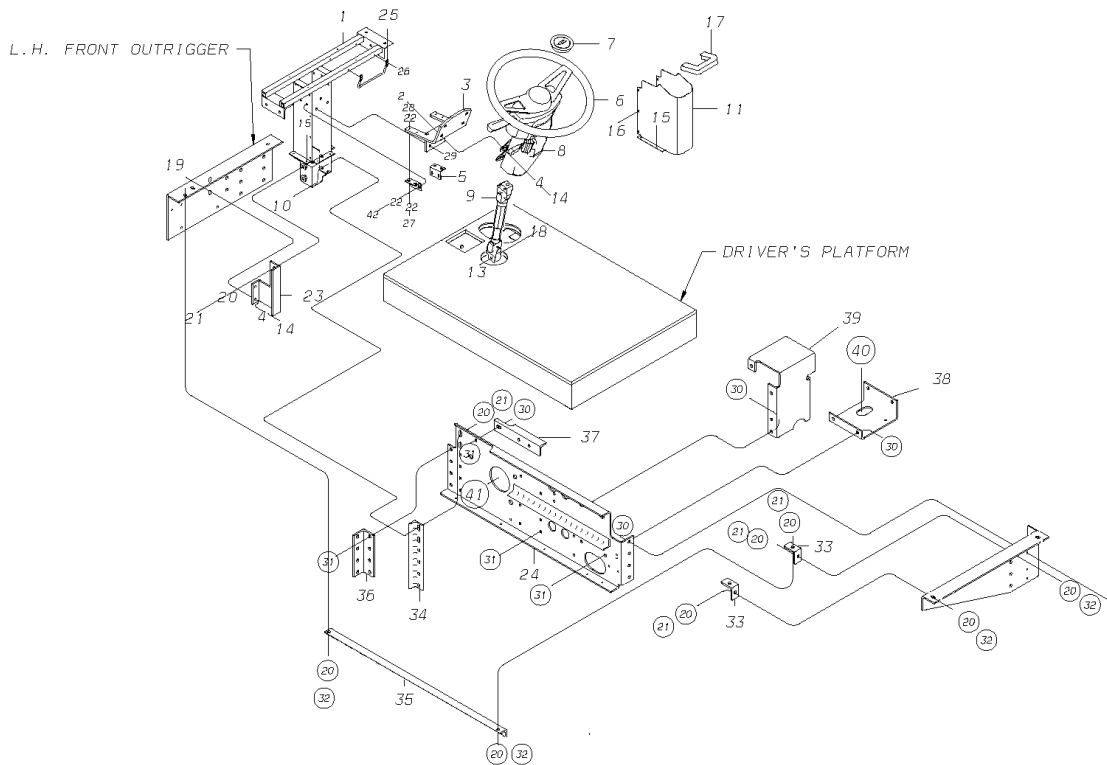
Key	PartNumber	Qty	Description	Comment
1	0004086		TOWER ASSY,DASH SUPPORT,TILT/TELE COL,	
2	0001946	4	BOLT,CARRIAGE,3/8-16 X 1 1/4,GR 8,BLK ZN,FT	
3	0003697		BRACKET,MTG,STEERING COLUMN, HDRE	
4	1078922	6	WASHER,FLAT,3/8 X 7/8 X 5/64,YEL ZN DICH	
5	0003698		ANGLE,ATCH,STEERING COLUMN BRACKET,	
6	0004892		STEERING WHEEL ASSY,BLK,18",W/1"	
NI	0020773		RING,CONTACT,HORN/TURN SIGNAL CANCEL	
7	1537620		BUTTON,HORN,BLUE BACKGROUND W/GOLD	
8	1948835		COLUMN ASSY,STEERING,TILT/TELESCOPING,	
NI	0049174		SHROUD,UPPER,STEERING COLUMN 1948835	
NI	0032743		SHROUD CAP,STEERING COLUMN,TRW	
NI	0079068		CAPSCREW,SOCKET HD,SHROUD CAP,STR	
NI	8312878		SWITCH,TURN SIGNAL,1970797 LESS	
9	0003696		SHAFT ASSY,SLIP,STRG COLUMN TO STRG GR	
10	1010024	2	NUT,HEX HD,1/2-13,GR 8,LG FL,L/N,YEL ZN	
11	0005514		CLOSEOUT,SLIPSHAFT,STEERING COLUMN,	
12			not used	
13	1916980	2	CAPSCREW,HEX HD,7/16-14 X 1 3/4,GR8,	
14	0839027	6	NUT,HEX HD,3/8-16,GR G,SM FLG LK,YEL	
15	0527325	10	SCREW,10-16 X 1,AB,PH1,OVAL CNSK HD, YEL	
16	1323088	6	RIVET,.18,CHERRY C-275-6-6	
17	0006045	14	TRIM,VINYL,BLACK,WIPE SEAL	
18	0997080	2	NUT,HEX HD,7/16-14,LOCKING,GR 8,CADMIUM	
19	0803213	2	CAPSCREW,HEX HD,3/8-16X1 1/4,GR8,YEL	
20	1003045	4	WASHER,FLAT,17/32 X 1 1/16 X 7/64,HDN,	
21	0803239	4	CAPSCREW,HEX HD,1/2-13 X1 1/2,GR8	
22	1467000	12	WASHER,FLAT,.281 X.750X.078 HARDENED,BLK	
23	1487495		BRACKET,ATCH,TOWER TO FRT O/R,TILT/TELE	
24	1749290		BRACKET ASSY,MTG,STEERING GEAR,TC/CS/QB	
25	1578798		SUPPORT,FRESH AIR CONTROL HANDLE	
26	1143676	2	SCREW,10-16 X 3/4, AB,PH1,PAN HD,BLK ZN,	
27	0870477	8	CAPSCREW,HEX HD,1/4-20 X 1,GR 8,YEL ZN	
28	2001345	4	NUT,HEX HD,1/4-20,LOCKING,YELLOW	

Models: **A3RE**
COLUMN
TILT/TELESCOPING STEERING COLUMN
To CSN 10148859

Key	PartNumber	Qty	Description	Comment
29	0559195	3	CAPSCREW,HEX HD,3/8-16 X 1,GR 8,YEL ZN	
30	1636943		PIN,FLG HEAD,HUCKSPIN,.50X2.22,HSP8	
31	1636968		COLLAR,HUCKSPIN,.50,HSCH-R16	
32	0850800	8	NUT,HEX HD,1/2-13,LOCKING,GR 8,CAD WAX	
33	1339753	2	ANGLE,MTG,STRG GEAR CROSS BRACING,TCFC	
34	1487545		REINFORCEMENT,VERT,S/GEAR BRKT,FRT	
35	0007202		BRACE,STEERING GEAR CROSS	
36	1331396		ANGLE,MTG,STRG GEAR BRKT TO REAR O/R,	
37	1488857		ANGLE,REINF,STEERING GEAR BRKT,TOP	
38	1582444		BRACKET,SUPT,STEERING GEAR BRACKET,TCFC	
39	1475490		BRACKET ASSY,MTG,BRK BOOSTER,TCFC	
40	1576370		GROMMET,MOLDED STRIP,.260 X 12.75 LONG	
41	1576388		GROMMET,MOLDED STRIP,.320 X 12.75 LONG	
NI	1300581		BOOT,RUBBER,STEERING COLUMN	
NI	1167667		CLAMP,STEERING COL BOOT,OETIKER NO 515	

Models: A3RE
COLUMN
TILT/TELESCOPING STEERING COLUMN
BSN: From CSN 10148860 (11/03/03)

Key	PartNumber	Qty	Description	Comment
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Models: A3RE
COLUMN
TILT/TELESCOPING STEERING COLUMN
BSN: From CSN 10148860 (11/03/03)

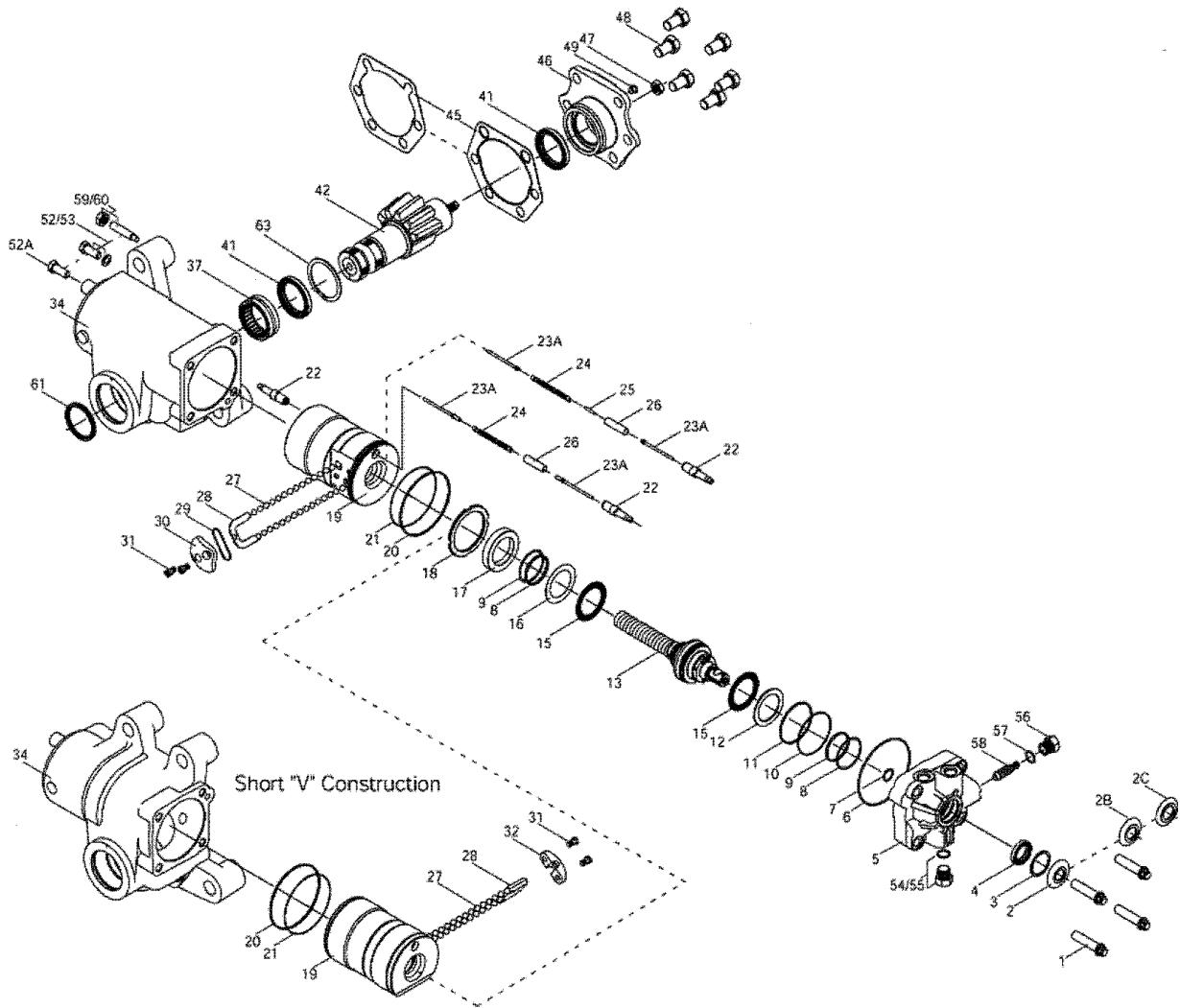
Key	PartNumber	Qty	Description	Comment
1	0004086		TOWER ASSY,DASH SUPPORT,TILT/TELE COL,	
2	0001946	4	BOLT,CARRIAGE,3/8-16 X 1 1/4,GR 8,BLK ZN,FT	
3	0003697		BRACKET,MTG,STEERING COLUMN, HDRE	
4	1078922	6	WASHER,FLAT,3/8 X 7/8 X 5/64,YEL ZN DICH	
5	0003698	2	ANGLE,ATCH,STEERING COLUMN BRACKET,	
6	0004892		STEERING WHEEL ASSY,BLK,18",W/1"	
7	1537620		BUTTON,HORN,BLUE BACKGROUND W/GOLD	
8	1948835		COLUMN ASSY,STEERING,TILT/TELESCOPING,	
9	0003696		SHAFT ASSY,SLIP,STRG COLUMN TO STRG GR	
10	1010024	2	NUT,HEX HD,1/2-13,GR 8,LG FL,L/N,YEL ZN	
11	0005514		CLOSEOUT,SLIPSHAFT,STEERING COLUMN,	
12	1422195	AR	SEALANT,LOCTITE,THREADLOCKER 242, BLUE	
13	1916980	2	CAPSCREW,HEX HD,7/16-14 X 1 3/4,GR8,	
14	0839027	6	NUT,HEX HD,3/8-16,GR G,SM FLG LK,YEL	
15	0527325	10	SCREW,10-16 X 1,AB,PH1,OVAL CNSK HD, YEL	
16	1415769	6	RIVET,POP,.18 X .45,CHERRY SSPS-6-4	
17	0006045	AR	TRIM,VINYL,BLACK,WIPE SEAL	
18	0997080	2	NUT,HEX HD,7/16-14,LOCKING,GR 8,CADMIUM	
19	0803213	2	CAPSCREW,HEX HD,3/8-16X1 1/4,GR8,YEL	
20	1003045	4	WASHER,FLAT,17/32 X 1 1/16 X 7/64,HDN,	
21	0803239	4	CAPSCREW,HEX HD,1/2-13 X1 1/2,GR8	
22	1467000	12	WASHER,FLAT,.281 X.750X.078 HARDENED,BLK	
23	1487495		BRACKET,ATCH,TOWER TO FRT O/R,TILT/TELE	
24	1749290		BRACKET ASSY,MTG,STEERING GEAR,TC/CS/QB	
25	1578798		SUPPORT,FRESH AIR CONTROL HANDLE	
26	1143676	2	SCREW,10-16 X 3/4, AB,PH1,PAN HD,BLK ZN,	
27	0870477	4	CAPSCREW,HEX HD,1/4-20 X 1,GR 8,YEL ZN	
28	2001345	4	NUT,HEX HD,1/4-20,LOCKING,YELLOW	
29	0559195	3	CAPSCREW,HEX HD,3/8-16 X 1,GR 8,YEL ZN	
30			HUCK FASTENER	
31			HUCK FASTENER	
32	0850800		NUT,HEX HD,1/2-13,LOCKING,GR 8,CAD WAX	
33	1339753	2	ANGLE,MTG,STRG GEAR CROSS BRACING,TCFC	

Models: A3RE
COLUMN
TILT/TELESCOPING STEERING COLUMN
BSN: From CSN 10148860 (11/03/03)

Key	PartNumber	Qty	Description	Comment
34	1487545		REINFORCEMENT,VERT,S/GEAR BRKT,FRT	
35	0065618		BRACE,CROSS,STEERING GEAR, HDRE	
36	1331396		ANGLE,MTG,STRG GEAR BRKT TO REAR O/R,	
37	1488857		ANGLE,REINF,STEERING GEAR BRKT, TOP	
38	1582444		BRACKET,SUPT,STEERING GEAR BRACKET,TCFC	
39	0065636		BRACKET ASSY,SUPPORT,DRIVERS PLATFORM,	
40	1576370		GROMMET,MOLDED STRIP,-260 X 12.75 LONG	
41	1576388		GROMMET,MOLDED STRIP,-320 X 12.75 LONG	
42	0977132	4	CAPSCREW,HEX HD,1/4-20 X 3/4,GR 5,YEL	

Models: AAFE, AARE, A3FE, A3RE, B4RE, BBCV, C1FE, C3FE, C4RE, CSFE, CSRE, Q4RE, QBRE, TCFE, TSFE, TCRE, WLWB, W4RE
GEAR
TAS 55, 65, 85

Key	PartNumber	Qty	Description	Comment
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Models: **AAFE, AARE, A3FE, A3RE, B4RE, BBCV, C1FE, C3FE, C4RE, CSFE, CSRE, Q4RE, QBRE, TCFE, TSFE, TCRE, WLWB, W4RE**
GEAR
TAS 55, 65, 85

Key	PartNumber	Qty	Description	Comment
1	2120996		BOLT,1/2-13,TORX HEAD,HFB64 STRG GEAR	
2			DIRT AND WATER SEAL 13/16 IN SERR.	
2B			DIRT AND WATER SEAL 7/8 IN SERR.	
2C			DIRT AND WATER SEAL 1 IN SERR.	
3			RETAINING RING	
4			SEAL	INPUT SHAFT, HIGH TEMP
5			VALVE HOUSING	
6			SEAL RING	VALVE HOUSING
7			SEAL RING	VALVE HOUSING
8			SEAL RING	
9			O-RING	HIGH TEMPERATURE
10			SEAL RING	
11		12	O-RING	VALVE HOUSING, HIGH TEMPERATURE
12	4292629		RACE,BALL BEARING 1447622	THICK
13			INPUT SHAFT VALVE, WORM ASSEMBLY	
15	4292637		BEARING,ROLLER THRUST 1447622	
16	4292645		WASHER,THRUST,THIN,1447622	THIN
17	4292652		ADJUSTER,BEARING 1447622	
18			ADJUSTER LOCKNUT	
19			RACK PISTON	
20			TEFLON SEAL RING	
21			O-RING	
22			POPPET SEAT AND SELLVE ASSEMBLY	
23	4292686		POPPET,1447622	TAS65 ONLY
24	4292694		SPRING POPPET 1447622	TAS55 AND 65 ONLY
26	4292710		TUBE,PUSH 1447622	TAS55 AND 65 ONLY
27			BALLS	
28			BALL RETURN GUIDE HALVES	
29			SEAT	CAP
30		31	BALL RETURN GUIDE CAP	
31			TORX SCREWS	2- CAP/STRAP
32			BALL RETURN GUIDE STRAP	
34			HOUSING	

Models: AAFE, AARE, A3FE, A3RE, B4RE, BBCV, C1FE, C3FE, C4RE, CSFE, CSRE, Q4RE, QBRE, TCFE, TSFE, TCRE, WLWB, W4RE
GEAR
TAS 55, 65, 85

Key	PartNumber	Qty	Description	Comment
35			GREASE FITTING	
37			ROLLER BEARING	
41	4292793		SEAL,OUTPUT 1447622	TAS65 ONLY
42			SECTOR SHAFT	
43	2595023		SCREW,ADJUSTING	SECTOR SHAFT
44	2596633		RETAINER	ADJUSTING SCREW
45			GASKET	SIDE COVER
46		47	SIDE COVER ASSEMBLY	
47	4292835		NUT,JAM 1447622	
48			SPECIAL BOLTS	SIDE COVER
49			VENT PLUG	SIDE COVRLER
50	4292801		SCREW,BLEED MANUAL 1447622	MANUAL
51			PLUG	AUTO BLEED
52			FIXED STOP SCREW	POPPET
52			FIXED STOP SCREW	POPPET-ALT
53			WASHER	STOP SCREW
54			AUXILIARY PORT PLUG	
55			O-RING	AUXILLARY PORT PLUG
56			RELIEF VALVE CAP	
57			O-RING	RELIEF VALVE
58			RELIEF VALVE	
59			SERVICE POPPET ADJUSTING SCREW	
60			SERVICE SEALING JAM NUT	
61			DIRT & WATER SEAL	TRUNNION
63	4292751		RING,RETAINING,1447622	TAS65 ONLY
NI	0065133		KIT,REPAIR,SEAL TAS55 STEERING GEAR	KIT CONTAINS THE FOLLOWING, KEY NUMBERS 2, 3, 4, 6, 7,8,9,10,11,18,20, 21,28,29,31,32,28, 29,41,45,49,55,57 APPLIES TO 0054672 STEERING GEAR
NI	4292181		KIT,REPAIR,SEAL & GASKET TAS65015 STG	KIT CONTAINS THE FOLLOWING, KEY NUMBERS 2, 3, 4, 6, 7,8,9,10,11,18,20, 21,28,29,31,32,28, 29,41,45,49,55,57, APPLIES TO THE FOLLOWING STEERING
NI	0049162		KIT, SEAL COMPLETE, TAS85 STEERING GEAR	KIT CONTAINS THE FOLLOWING, KEY NUMBERS 2, 3, 4, 6,

Models: AAFE, AARE, A3FE, A3RE, B4RE, BBCV, C1FE, C3FE, C4RE, CSFE, CSRE, Q4RE,
QBRE, TCFE, TSFE, TCRE, WLWB, W4RE
GEAR
TAS 55, 65, 85


Key	PartNumber	Qty	Description	Comment
				7,8,9,10,11,18,20,21,28,29,31,32 ,28,29,41,45,49,55,57, APPLIES TO THE FOLLOWING STEERING GEARS: 1038241, 1070458

Models: A3RE, C4RE, CSRE, QBRE

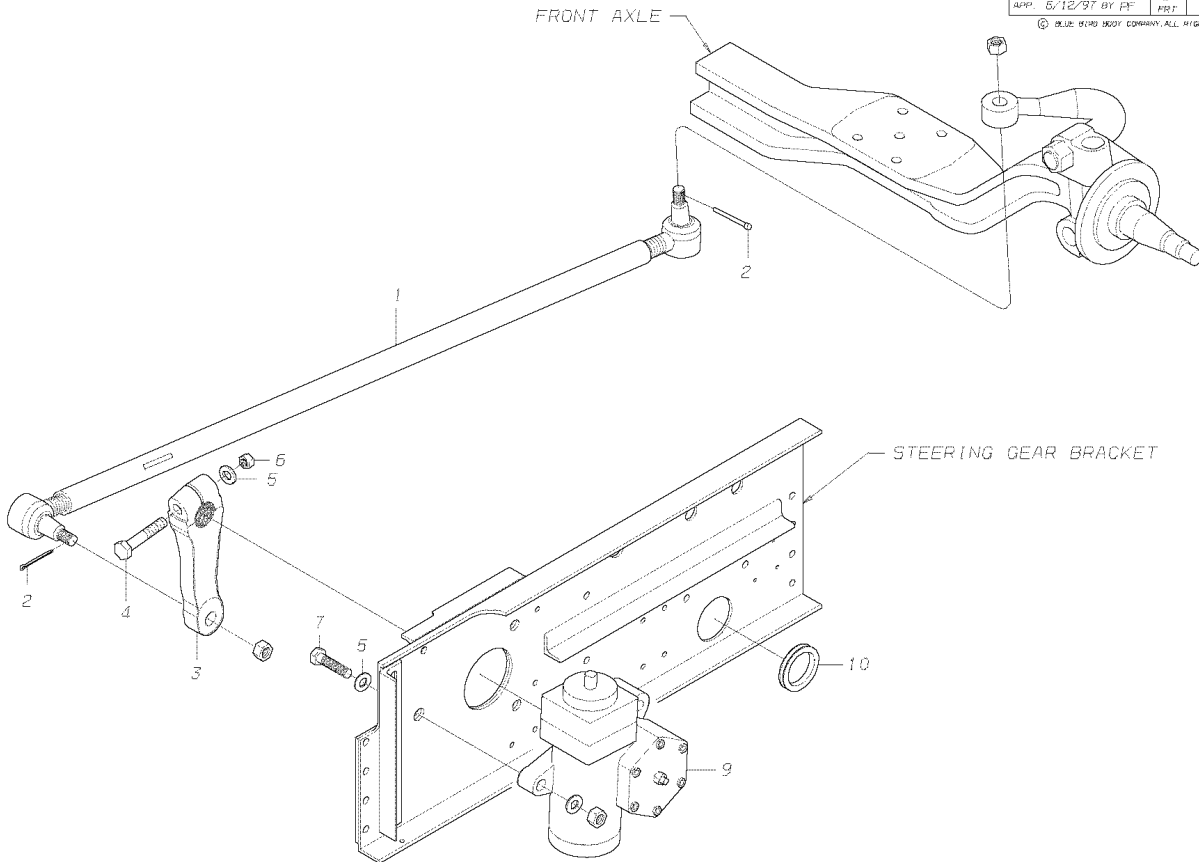
LINKAGE
LEFT-HAND DRIVE
FEATURE 40097-02

With Features:

Key	PartNumber	Qty	Description	Comment
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DR: 6/12/97 BY LMS	B	176745B	D	
AWP: 6/12/97 BY PF	REV		REV	

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Models: A3RE, C4RE, CSRE, QBRE
LINKAGE


With Features: LEFT-HAND DRIVE
FEATURE 40097-02

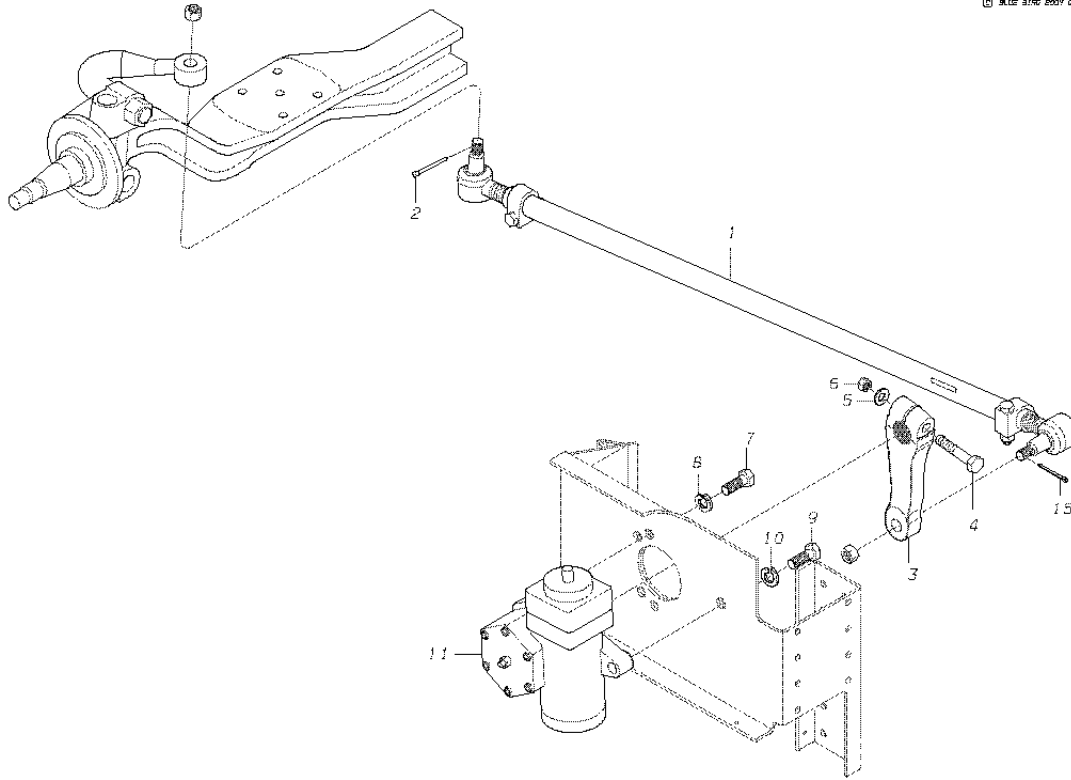
Key	PartNumber	Qty	Description	Comment
1	1843119		DRAG ROD ASSY,VERT JOINT,63.32	A3RE ONLY, ENDING WITH CSN 03-03-02
1	0026532		DRAG ROD ASSY,VERTICAL JOINT,63.32(NOT	A3RE, C4RE BEGIN WITH CSN 03-04-02
1	1708809		DRAG ROD ASSY,VERT JOINT,60.20 IN,PUR,	
	1358860		DRAG ROD,TUBE,VERTICAL JOINT,53.50,PNT	PART OF ITEM 1
	4316261		TIE ROD END,LH,L24SV8107B12"	PART OF ITEM 1
	4316279		TIE ROD END,RH,L24SV8110D12"	PART OF ITEM 1
2	1420744	2	PIN,COTTER,5/32 DIA X 1 1/2 LONG	
3	1708817		ARM,PITMAN,10.00 W/OFFSET,PURCHASED	
4	0870873	4	CAPSCREW,HEX HD,3/4-10 X 4,GR 8,YEL ZN	
5	0607036	7	WASHER,FLAT,13/16 X 1 3/8 X 7/64 ZP,HRD	
6	0933879	8	NUT,HEX HD,3/4-10,PRVLG TORQ,GR8,CAD	
7	1749464	3	CAPSCREW,HEX HD,3/4-16 X 3,GR 8,YEL ZN	
8	1483817	3	NUT,HEX HD,3/4-16,PRVLG TORQUE,GR8,YEL	
9	1749423		GEAR,POWER STEERING	
10	1576388	AR	GROMMET,MOLDED STRIP,.320 X 12.75 LONG	
11	0969816	AR	SEALANT,LOCTITE,THREADLOCKER,271	

Models: A3RE, CSFE, CSRE, TCFE, TCRE
LINKAGE
RIGHT-HAND DRIVE
With Features: OPTION 4001, FEATURE 40361-01

Key	PartNumber	Qty	Description	Comment
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DP: 5/17/94 BY: JD	B	1734408	REV: 1
APP: 5/17/94 BY: KY	REV: 1		

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Models: A3RE, CSFE, CSRE, TCFE, TCRE
LINKAGE

With Features: RIGHT-HAND DRIVE
OPTION 4001, FEATURE 40361-01

Key	PartNumber	Qty	Description	Comment
1	1708809		DRAG ROD ASSY,VERT JOINT,60.20 IN,PUR,	TC/CS
1	1843119		DRAG ROD ASSY,VERT JOINT,63.32	A3RE
	4316261		TIE ROD END,LH,L24SV8107B12"	PART OF ITEM 1
	4316279		TIE ROD END,RH,L24SV8110D12"	PART OF ITEM 1
2	1420744	2	PIN,COTTER,5/32 DIA X 1 1/2 LONG	
3	1708817		ARM,PITMAN,10.00 W/OFFSET,PURCHASED	
4	0870873		CAPSCREW,HEX HD,3/4-10 X 4,GR 8,YEL ZN	
5	0870915		WASHER,FLAT,27/32 X 1 1/2 X 1/8,YEL ZN	
6	0933879		NUT,HEX HD,3/4-10,PRVLG TORQ,GR8,CAD	
7	0998450	4	CAPSCREEW, HEX HD, 3/4 -16 X 1 3/4, GR 8,	
8	2001238	4	LOCKWASHER,SPLIT RING, 3/4 ,LHT,YEL ZN	
9	0998443		CAPSCREW,HEX HD,7/8-14 X 2,GR 8,YEL ZN	
10	1011410		LOCKWASHER,SPLIT RING, 7/8 ,MED,YEL ZN	
11	1480284		GEAR,POWER STEERING,TAS 65022,RH DRIVE	