

TOYOTA *Electric Stand Up*

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TOYOTA *Electric Stand Up*

Introduction

The **Parts** section of this manual contains information for **TOYOTA** electric stand-up counterbalance lift trucks, models 6BNCU15, 6BNCU17, 6BNCU18, 6BNCU19, 6BNCU20, 6BNCU23, 6BNCU25, 6BNCU28, 6BNCU30, 6BVNCU13. This manual applies to all vehicles shipped after 06/01/99

The model number & serial number can be found on the Serial Identification number plate in the operator compartment. Refer to the model number example on the following page.

All quantities (QTY) in the parts listings should be considered as each amounts unless otherwise indicated.

Items marked with a checkmark () before the COMMENTS column are Recommended Spare Parts and should be stocked by **TOYOTA** dealers.

Refer to the **SERVICE** manual for repair and adjustment procedures. This manual does not provide information about operating and safety considerations for **TOYOTA** products. Consult the **OPERATOR'S** manual for instruction about the safe operation of these lift trucks.

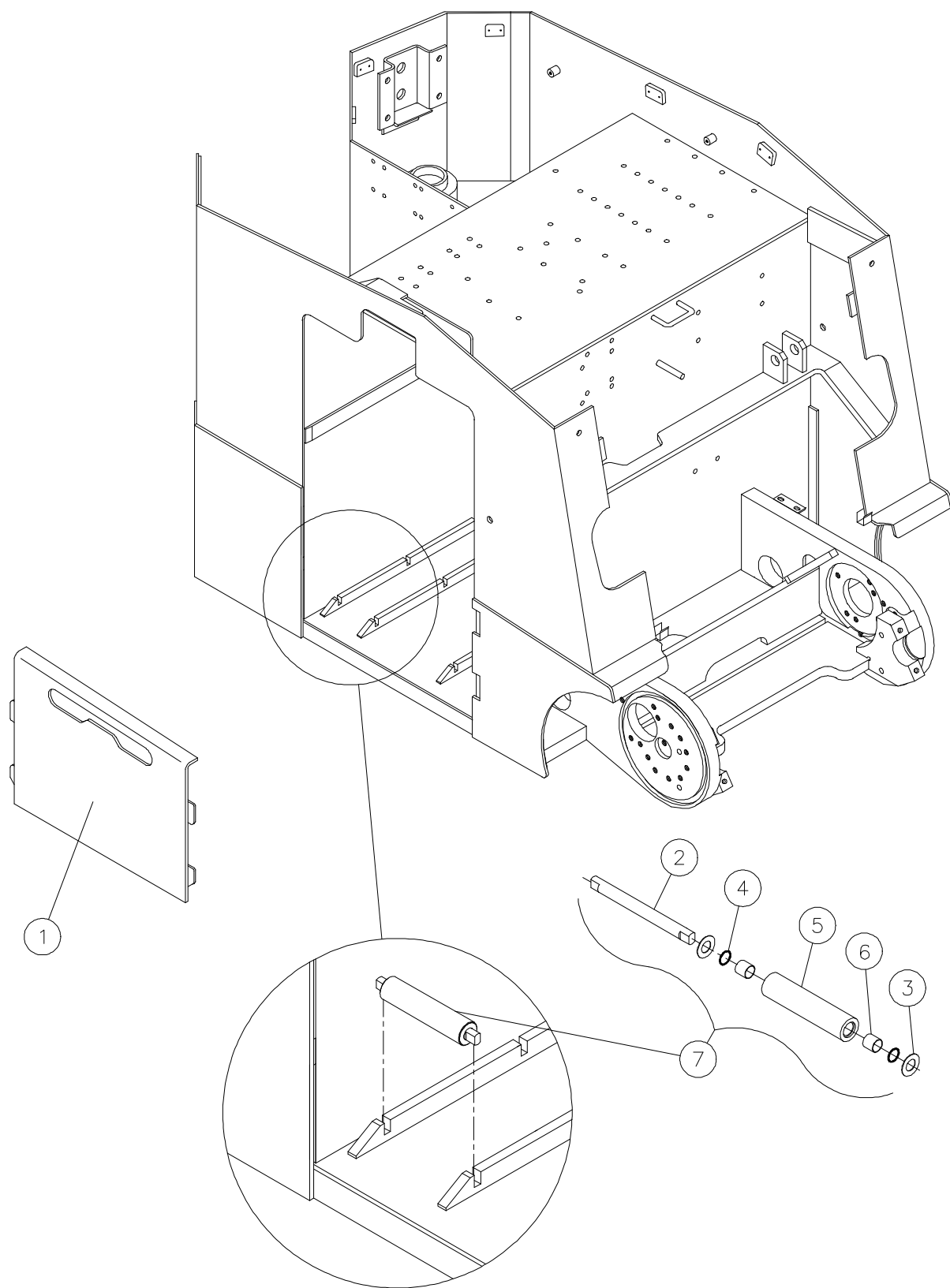
ORDERING PARTS

When ordering parts from this manual, always specify, along with the part number, the model number and serial number of the truck. This information will allow the **TOYOTA** Parts Division to give correct, fast, and efficient service.

NOTE

All information, specifications, and illustrations are based on the latest available data at the time of publication. **TOYOTA INDUSTRIAL EQUIPMENT** is constantly striving to improve its products and, therefore reserves the right to change design, materials, and/or specifications without notice and without incurring obligation or liability.

MODEL NUMBERS		
TOYOTA MODEL #	UNIT TYPE	NOMINAL CAPACITY (lbs)
6BNCU15	STAND UP RIDER COUNTERBALANCE	3,000
6BNCU17		3,300
6BNCU18		3,500
6BNCU19		3,800
6BNCU20		4,000
6BNCU23		4,500
6BNCU25		5,000
6BNCU28		5,500
6BNCU30		6,000
6BVNCU13	STAND UP RIDER COUNTERBALANCE TURRET	2,500
6 = 6 Series B = Battery N = Narrow Aisle C = Cushion Tires U = U.S. Manufactured V = Very Narrow Aisle SERIAL NUMBER IS A SEQUENTIAL NUMBER MIXING MODELS FOR EXAMPLE : 04500		



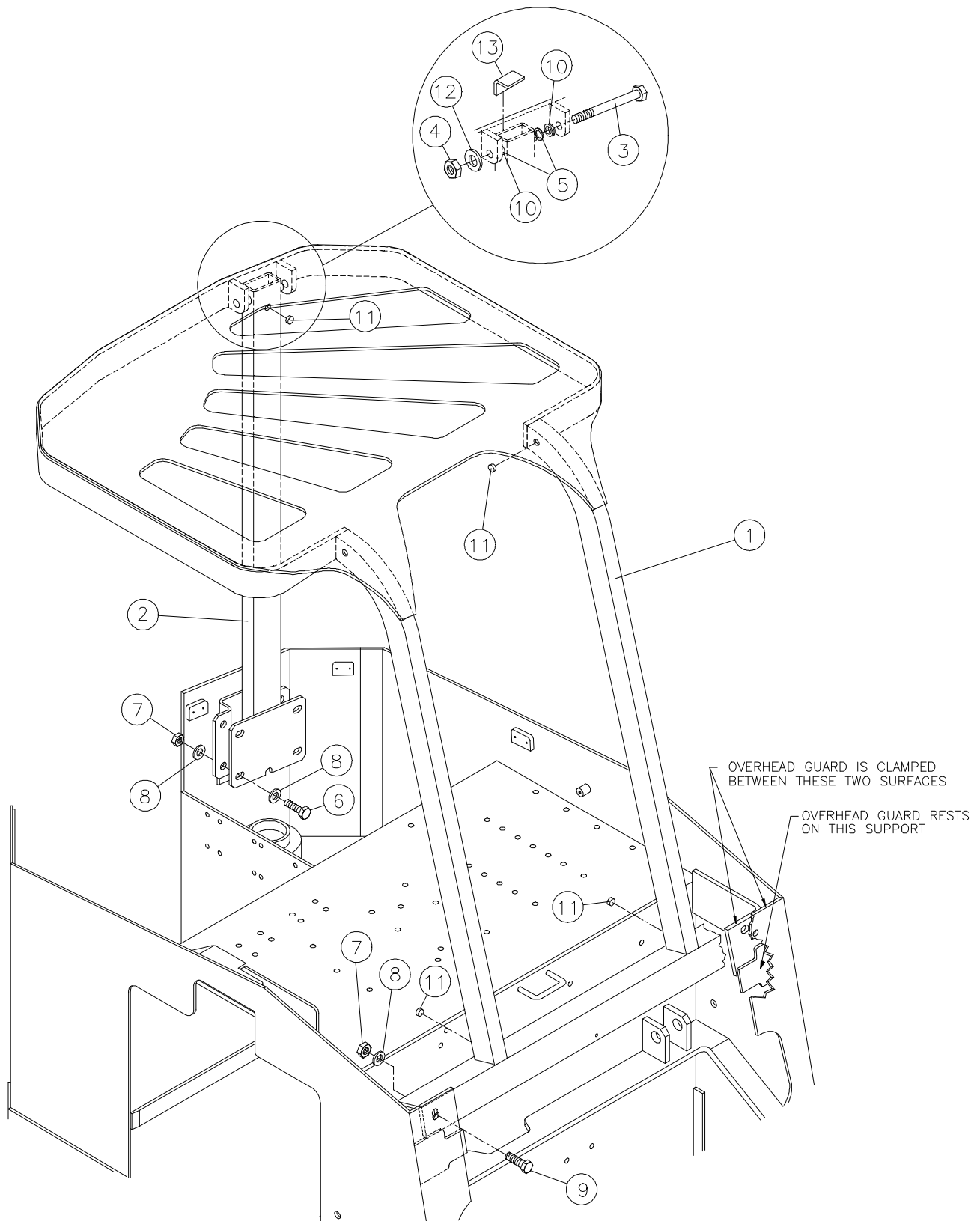
TOYOTA Electric Stand Up

Battery Gates & Rollers

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	See Table	Battery Gate - Right	1	
	See Table	Battery Gate - Left	1	Not Shown
2	Not Sold Sep.	Battery Roller Shaft		
3	00593-10207-71	Flat Washer, 9/16"		
4	00593-10620-71	O-Ring, 9/16"ID x 3/4"OD		
5	Not Sold Sep.	Steel Roller		
6	00593-10174-71	Bushing		
7	00593-10252-71	Steel Battery Roller & Shaft Assembly	10	, Includes Items 2 thru 6

ITEM 1: BATTERY GATE PART NUMBERS		
MODEL	LEFT	RIGHT
6BNCU15, 18	00593-10684-71	00593-10685-71
6BNCU17, 19	00593-10688-71	00593-10689-71
6BNCU20, 23, 25, 28, 30, 6BVNCU13	00593-10686-71	00593-10687-71



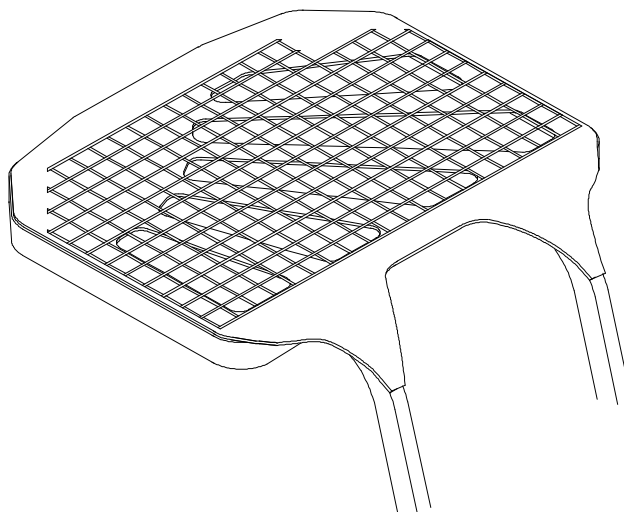
TOYOTA *Electric Stand Up*

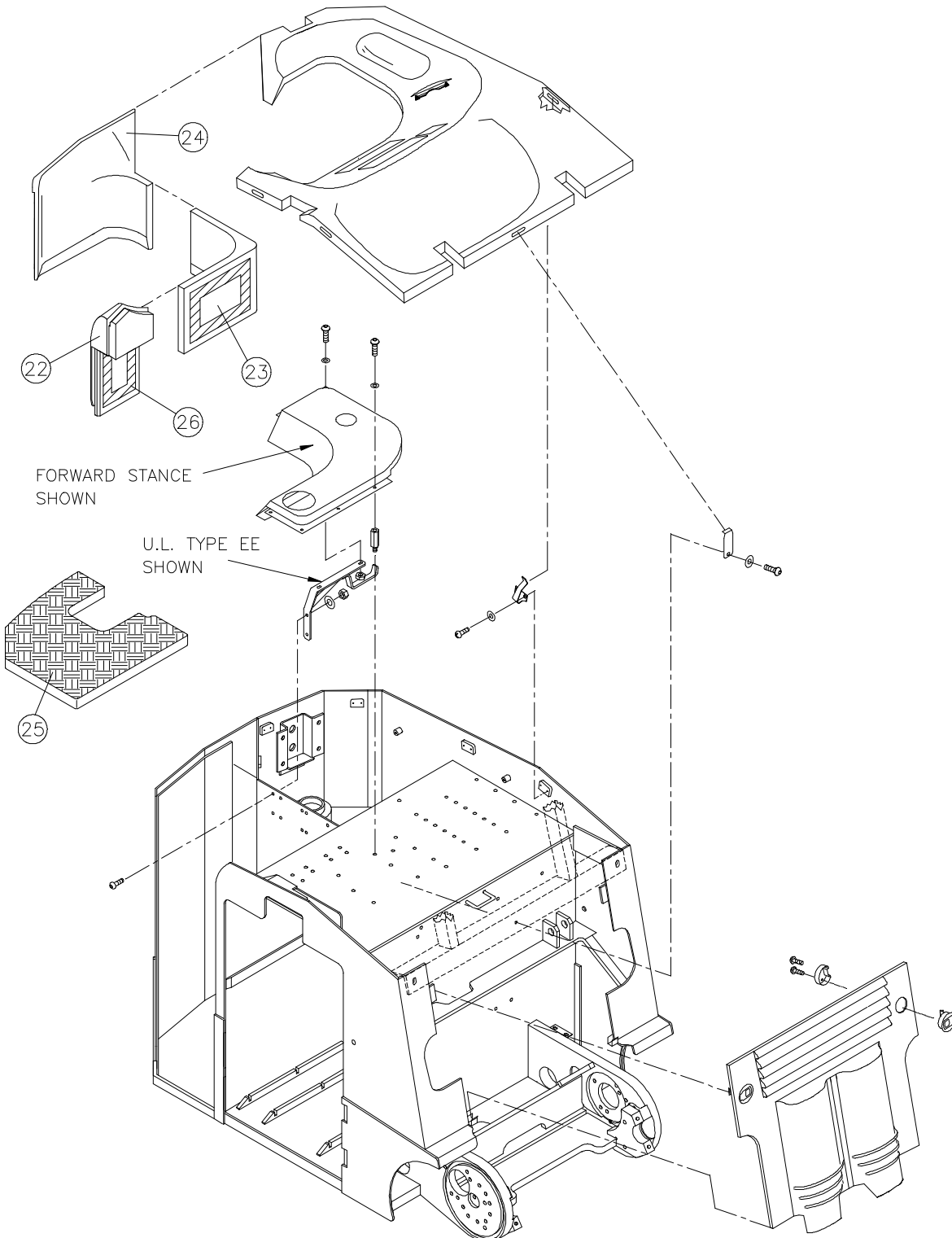
Overhead Guard

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	See Table	Overhead Guard	1	
2	See Table	Rear Post	1	
3	00593-10472-71	Hex Screw, 5/8-11 x 6-1/2" (Grade 8)	1	
4	00593-10111-71	Nylon Lock Nut, 5/8-11	1	
5	00593-10071-71	Machine Bushing, 5/8"	2	
6	00593-10112-71	Hex Screw, 1/2-13 x 1-1/2" (Grade 8)	4	
7	00593-10108-71	Nylon Lock Nut, 1/2-13	6	
8	00593-10206-71	Flat Washer, 1/2"	10	
9	00593-10470-71	Hex Screw, 1/2-13 x 2" (Grade 8)	2	
10	00593-10431-71	Grommet, 5/8"ID x 1"OD	2	
11	00593-10245-71	Hole Plug, 9/16"	7	
12	00593-10085-71	Flat Washer, 5/8"	1	
13	00593-10255-71	Rubber Insert	1	

Overhead Guard Height		81"	83"	85"	87"
ITEM 1	6BNCU15, 18	00593-10712-71	00593-10694-71	00593-10700-71	00593-10706-71
	6BNCU15, 18 w/mesh	00593-10713-71	00593-10695-71	00593-10701-71	00593-10707-71
	6BNCU17, 19	00593-10724-71	00593-10718-71	00593-10720-71	00593-10722-71
	6BNCU17, 19 w/mesh	00593-10725-71	00593-10719-71	00593-10721-71	00593-10723-71
	6BNCU20, 23	00593-10714-71	00593-10696-71	00593-10702-71	00593-10708-71
	6BNCU20, 23 w/mesh	00593-10715-71	00593-10697-71	00593-10703-71	00593-10709-71
	6BNCU25, 28, 30, 6BVNCU13	00593-10716-71	00593-10698-71	00593-10704-71	00593-10710-71
	6BNCU25, 28, 30, 6BVNCU13 w/mesh	00593-10717-71	00593-10699-71	00593-10705-71	00593-10711-71
ITEM 2	All Models	00593-10729-71	00593-10726-71	00593-10727-71	00593-10728-71

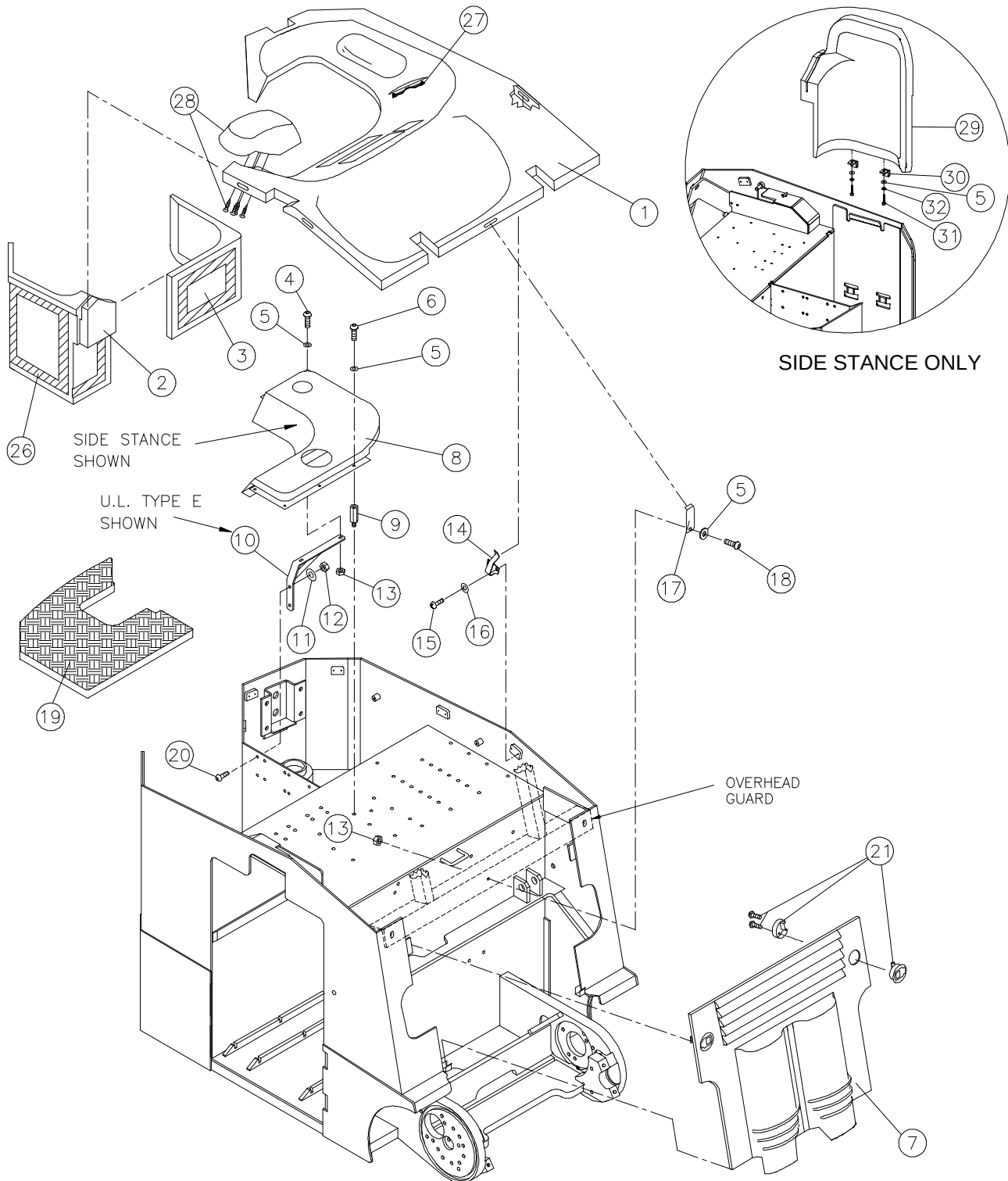




PARTS NOT CALLED OUT ARE THE SAME AS REAR ENTRY

TOYOTA Electric Stand Up

Pads & Plastic



SEE BRAKES SECTION FOR BRAKE PEDAL PAD

TOYOTA Electric Stand Up**Pads & Plastic**

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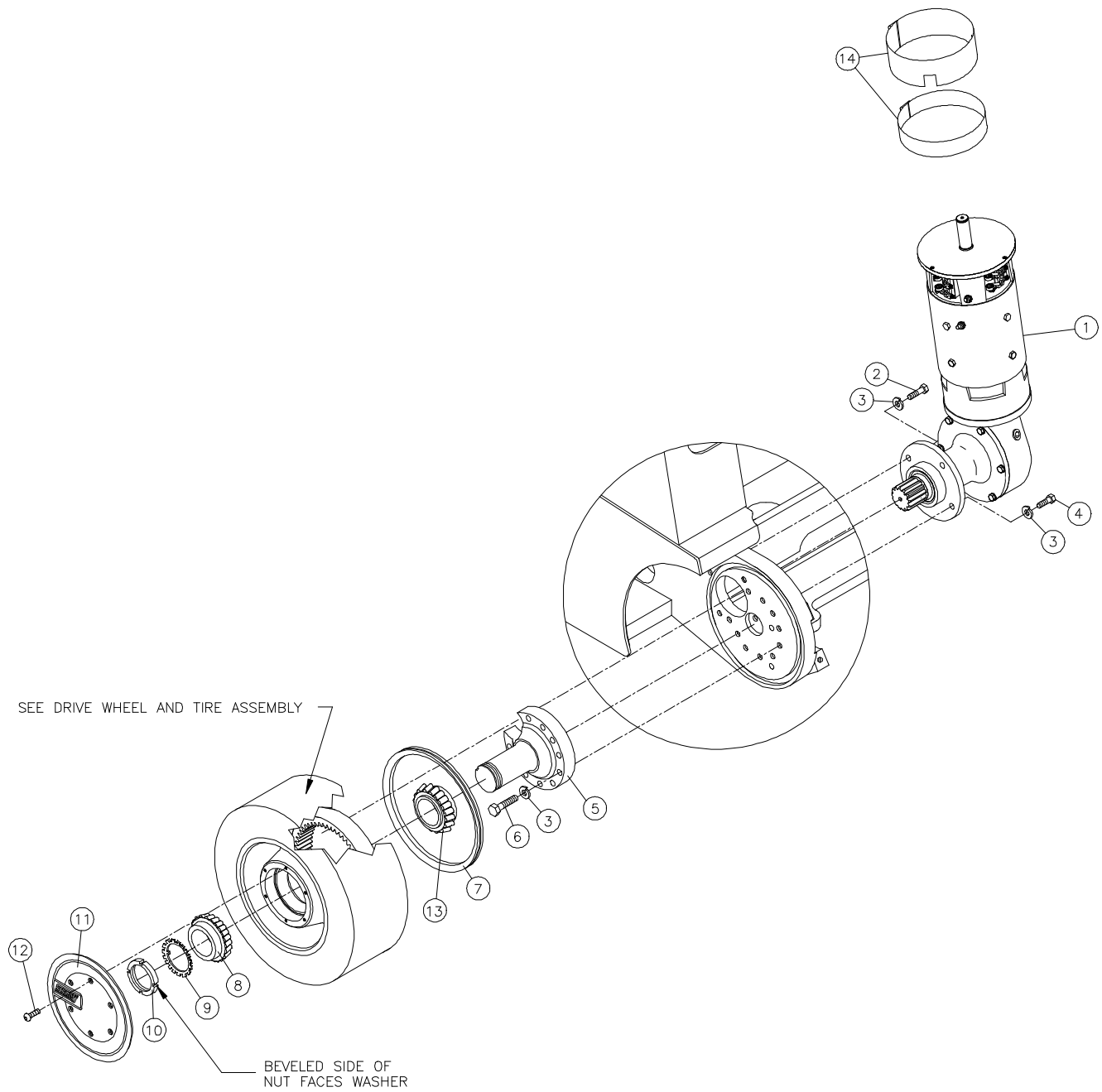
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13

ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10683-71	Top Cover with Spring Clip	1	6BNCU15, 18
	00593-11468-71	Top Cover with Spring Clip	1	6BNCU17, 19
	00593-11467-71	Top Cover with Spring Clip	1	6BNCU20 - 30, 6BVNCU13
2	00593-10645-71	Right Pad - Rear Entry, Fwd Stance	1	
3	00593-11475-71	Front Pad - Rear Entry	1	
4	00593-10462-71	Hex Screw w/nylon, 1/4-20 x 3/4" Gr. 5	2	
5	00593-10042-71	Flat Washer, 1/4"	8	
6	00593-10463-71	Hex Screw w/nylon, 1/4-20 x 1/2" Gr. 5	5	
7	00593-11459-71	Front Cover	1	6BNCU15, 18
	00593-11459-71	Front Cover	1	6BNCU17, 19
	00593-11460-71	Front Cover	1	6BNCU20, 23
	00593-11461-71	Front Cover	1	6BNCU25, 28, 30, 6BVNCU13
8	00593-11470-71	Control Cover - Forward Stance	1	
	00593-11471-71	Control Cover - Side Stance	1	
	00593-11472-71	Control Cover - Dual Multi-Lever	1	
	00593-11473-71	Control Cover - Aux Multi-Lever	1	
	00593-11474-71	Control Cover - Lift Multi-Lever	1	
9	00593-11064-71	Hex Standoff, 1/4-20 x 1/2"	5	
10	00593-10692-71	Control Cover Mount Bracket	1	U.L. Type E trucks
	00593-10693-71	Cntrl Cover Mt Brkt w/ Cable Holder	1	U.L. Type EE trucks
11	00593-10047-71	Flat Washer, 5/16"	2	
12	00593-10110-71	Nylon Lock Nut, 5/16-18	2	
13	00593-10114-71	Nylon Lock Nut, 1/4-20	3	
14	00593-10498-71	Top Cover Spring Clip	7	
15	00593-10143-71	Pan Hd Mach Screw, #10-24 x 3/8"	14	
16	00593-10038-71	Lock Washer (Split Type), #10	14	
17	00593-10251-71	Top Cover Front Clip	1	
18	00593-10215-71	HSBH Cap Screw, 1/4-20 x 1"	1	
19	00593-11479-71	Floor Mat - Rear Entry	1	,
20	00593-10133-71	HSH Mach. Screw, 5/16-18 x 1"	2	
21	00593-10535-71	Front Cover Latch	2	,
22	00593-10646-71	End Cap (Right Front) - Side Entry	1	
23	00593-11476-71	Front Pad - Side Entry	1	
24	00593-10647-71	Back Pad - Side Entry	1	
25	00593-11478-71	Floor Mat - Side Entry	1	,
26	00593-10345-71	Dual Lock Fastener Kit w/ Adhesive		, Contains 36 pairs & glue
27	00593-10499-71	Spring Clip	1	
28	00593-10335-71	Side Stance Armrest Installation Kit	1	Optional on Side Stance
29	00593-10648-71	High Backrest Pad	1	Side Stance
30	00593-10649-71	Bracket	2	
31	00593-10084-71	Hex Cap Screw, 1/4-20 x 1-1/2"	2	
32	00593-10043-71	Lock Washer, 1/4"	2	
	00593-10348-71	Field Install High Backrest Kit		Includes pad & hardware

TOYOTA *Electric Stand Up*

Drive Train



TOYOTA *Electric Stand Up*

Drive Train

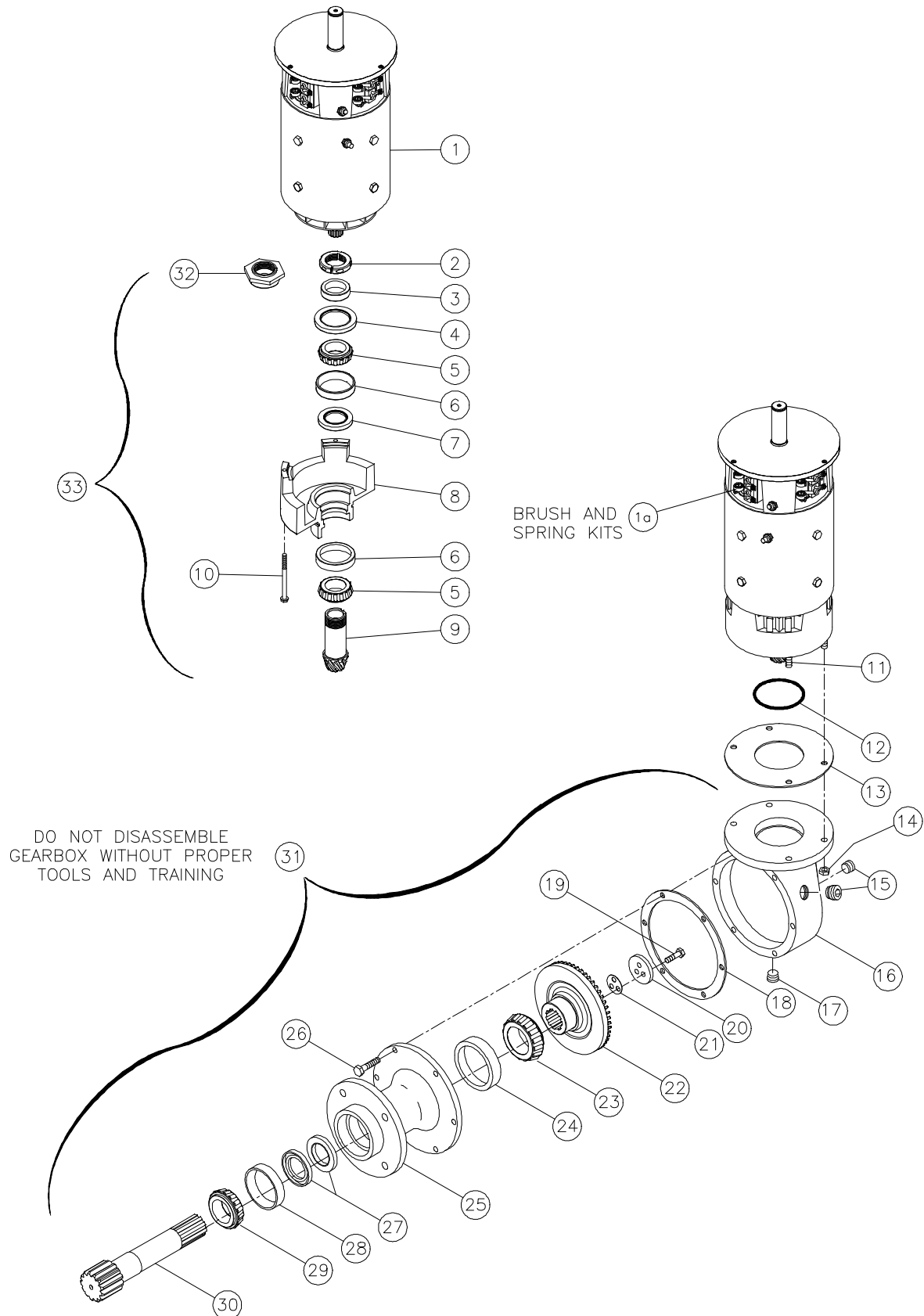
THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	See Table	Drive Unit Assembly	1	
2	00593-10059-71	Socket Head Screw, 1/2-13 x 1-1/2"	3	,
3	00593-10063-71	Lock Washer (Split Type), 1/2"	14	
4	00593-10152-71	Socket Head Screw, 1/2-13 x 1-1/4"	1	,
5	00593-10256-71	Spindle, 6BNCU15-28	1	
	00593-11481-71	Spindle, 6BNCU30, 6BVNCU13	1	
6	00593-10109-71	Hex Cap Screw, 1/2-13 x 2-1/4"	10	
7	00593-10641-71	V-Ring Seal	1	,
8	00593-10358-71	Cone Bearing, Outer	1	,
9	00593-10486-71	Tab Lock Washer	1	,
10	00593-10479-71	Lock Nut	1	
11	00593-11482-71	Wheel Cover	1	,
12	00593-10459-71	Button Head Screw, 1/4-20 x 1/2"	6	,
13	00593-10358-71	Cone Bearing, 6BNCU15-28 Inner	1	
	00593-11483-71	Cone Bearing, 6BNCU30, 6BVNCU13 Inner	1	
14	00593-10373-71	U.L. Type EE Motor Band Kit	1	Fits 7.15" motor
	00593-10377-71	U.L. Type EE Motor Band Kit	1	Fits 8.00" motor

NOTE: All quantities listed are per drive unit.

DRIVE UNIT ASSEMBLY - NEW PINION DESIGN - See 2.01.03 for Parts Breakdown			
DESCRIPTION		STANDARD WIDTH	WIDE TRACK
6BNCU15, 17, 18, 19, 20, 23 7.15" Motor	Left	00593-11447-71	00593-11451-71
	Right	00593-11449-71	00593-11453-71
6BNCU25, 28, 30, 6BVNCU13 - 8.00" Motor	Left	00593-11448-71	00593-11452-71
	Right	00593-11450-71	00593-11454-71

* 6BNCU30 & 6BVNCU13 are Wide Track only



TOYOTA Electric Stand Up**Drive Train**

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

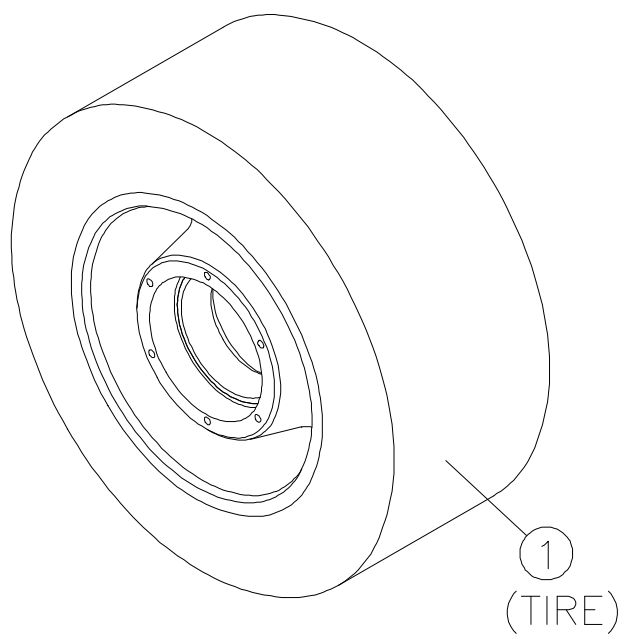
ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	See Table	Drive Motor without endbell	1	
1a	See Table	Brush & Spring Kits		
2	00593-10484-71	Clamp Nut	1	
3	00593-10609-71	Seal Spacer	1	
4	00593-10630-71	Seal, Upper	1	
5	00593-10366-71	Cone Bearing	2	
6	00593-10365-71	Bearing Cup	2	
7	00593-10631-71	Seal, Lower	1	
8	See Table	Endbell, Drive End	1	
9	00593-10608-71	Pinion	1	
10	†	Tie Bolt	4	
11	00593-11066-71	Motor Stud	4	
12	00593-10173-71	O-Ring	1	
13	00593-10606-71	Shim Set, 4-Hole	1	
14	00593-10243-71	Nylon Lock Nut, 3/8-16	4	
15	00593-10554-71	Plug	3	
16	00593-10610-71	Housing	1	
17	†	Magnetic Plug	1	
18	00593-10604-71	Shim Set, 6-Hole	1	
19	00593-10045-71	Hex Screw, 5/16-18 x 3/4"	3	
20	00593-10607-71	Retainer Plate	1	
21	00593-10605-71	Shim Set, 3-Hole	1	
22	00593-11444-71	Bevel Gear	1	
23	00593-10362-71	Cone Bearing	1	
24	00593-10361-71	Bearing Cup	1	
25	00593-11442-71	Carrier, Standard	1	
	00593-11443-71	Carrier, Wide Track	1	
26	00593-10469-71	Hex Screw, 3/8-16 x 1"	6	
27	00593-10639-71	Seal	2	
28	00593-10141-71	Bearing Cup	1	
29	00593-10360-71	Cone Bearing	1	
30	00593-11440-71	Spur Shaft, Standard	1	
	00593-11441-71	Spur Shaft, Wide Track	1	
31	00593-11445-71	Gearbox Assembly, Standard	1	Includes pinion
	00593-11446-71	Gearbox Assembly, Wide Track	1	Includes pinion
	00593-11457-71	Gearbox Assy, Standard, no pinion	1	
	00593-11458-71	Gearbox Assy, Wide Track, no pinion	1	
32	00593-10611-71	Adjustment Nut with Spacer	1	Replaces Items 2 & 3
33	See Table	Endbell with Pinion Assembly		

NOTE: All quantities listed are per drive unit.

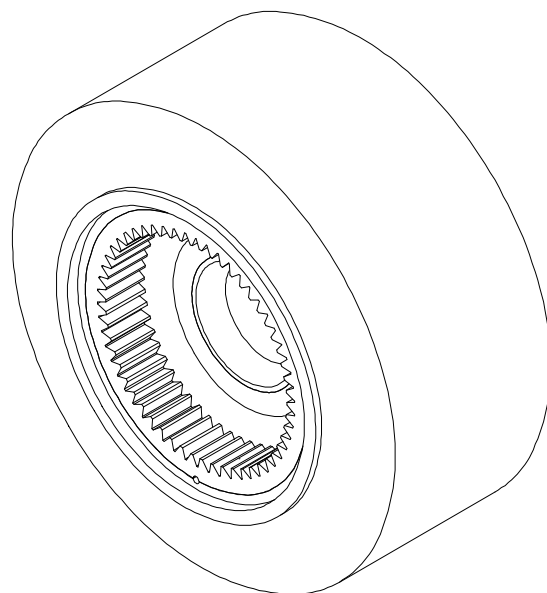
† Not available at time of printing, consult factory

DO NOT DISASSEMBLE THE GEARBOX WITHOUT THE PROPER TOOLS AND TRAINING

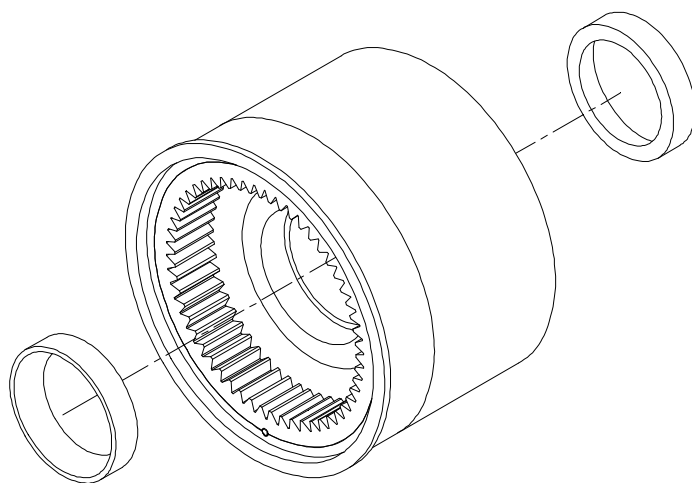
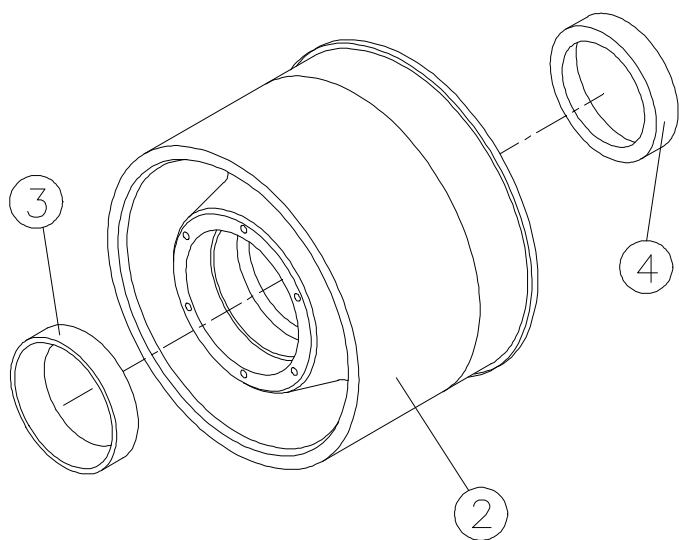
ITEM	DESCRIPTION	7.15" Motor	8.0" Motor
1	Drive Motor without endbell	00593-10390-71	00593-10391-71
	Drive Motor with endbell (does not include pinion, bearings, seals, etc.)	00593-10387-71	00593-10385-71
1a	Brush Kit - see Options section for Brush Wear Indicators	00593-10233-71	00593-10372-71
	Spring Kit	00593-10380-71	00593-10381-71
8	Endbell, Drive End (does not include pinion, bearings, seals, etc.)	00593-10388-71	00593-10386-71
33	Endbell with Pinion Assembly	00593-11455-71	00593-11456-71



OUTER
VIEW



INNER
VIEW



RING GEAR
NOT SOLD SEPARATELY

TOYOTA *Electric Stand Up*

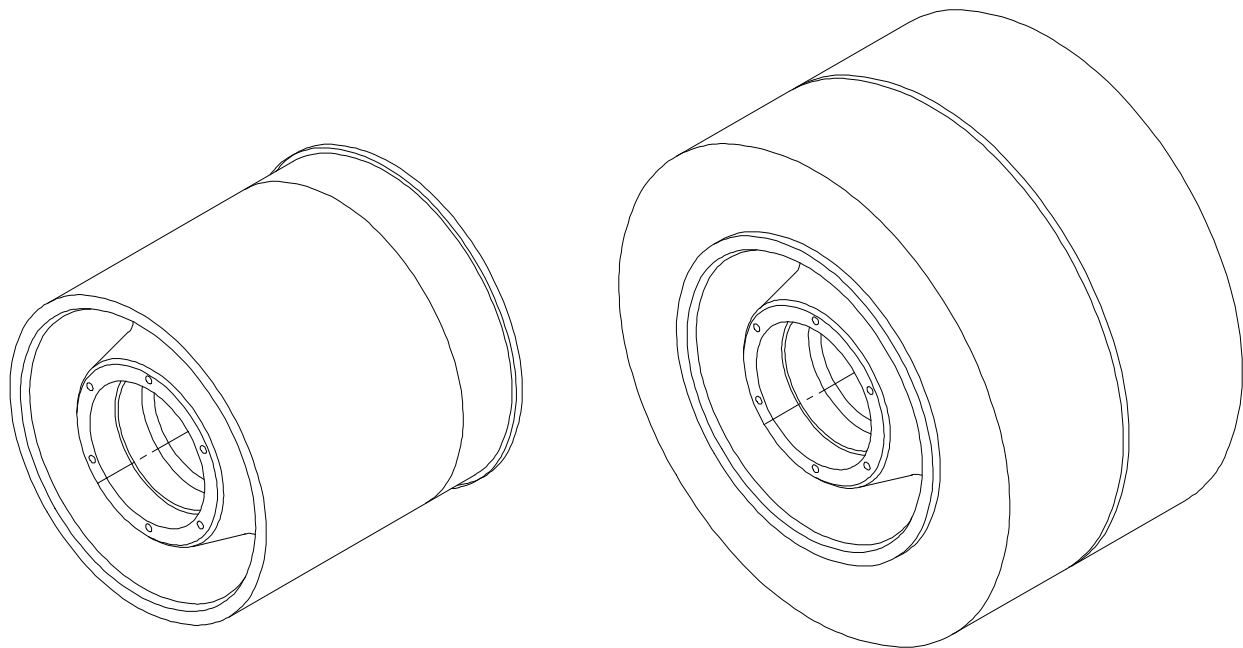
Drive Wheel & Tire

THIS PAGE APPLIES TO
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ALL SERIAL NUMBERS

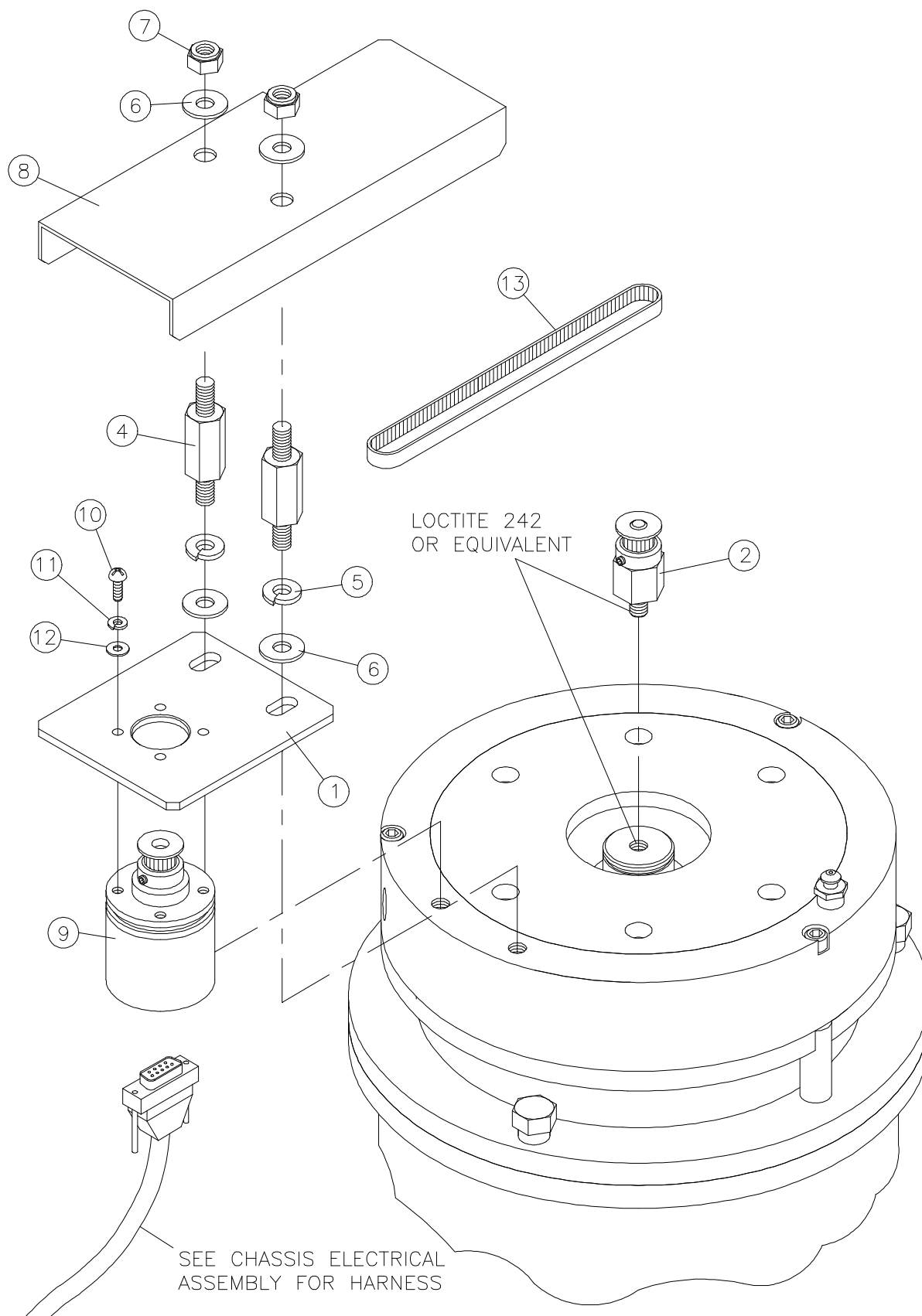
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	See Table	Tire		
2	00593-10282-71	Drive Wheel, 6BNCU15-28		Includes ring gear & bearing cups See Drive Train Assembly for cone bearing
	00593-11484-71	Drive Wheel, 6BNCU30, 6BVNCU13		
3	00593-10359-71	Bearing Cup, Outer		
4	00593-10359-71 00593-11485-71	Bearing Cup, Inner 6BNCU15-28 Bearing Cup, Inner 6BNCU30, 6BVNCU13		

DESCRIPTION	TIRE ONLY	WHEEL & TIRE ASSEMBLY
7" Black Poly Tire	00593-10217-71	00593-10749-71
7" Cream Poly Tire	00593-10614-71	00593-10750-71
7" Black Rubber Tire	00593-10210-71	00593-10753-71
7" Non-Marking Tire	00593-10239-71	00593-10755-71
5" Black Poly Tire	00593-10618-71	00593-10756-71
5" Cream Poly Tire	00593-10619-71	00593-10757-71

NOTE: Special pressing rings (00593-10658-71) required to prevent damage to wheel during tire change.



6BNCU30, 6BVNCU13
DOUBLE 5" WHEEL & TIRE

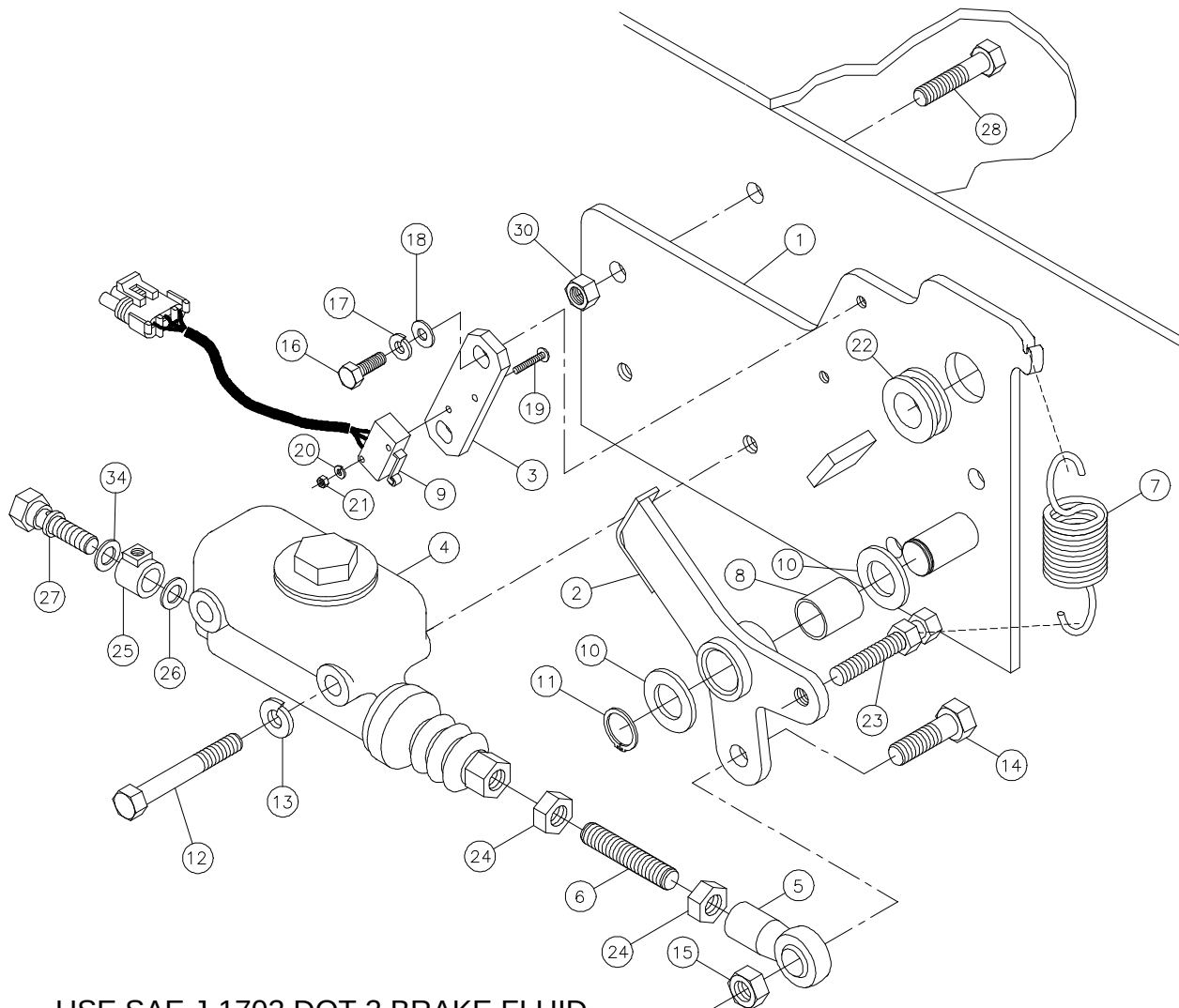
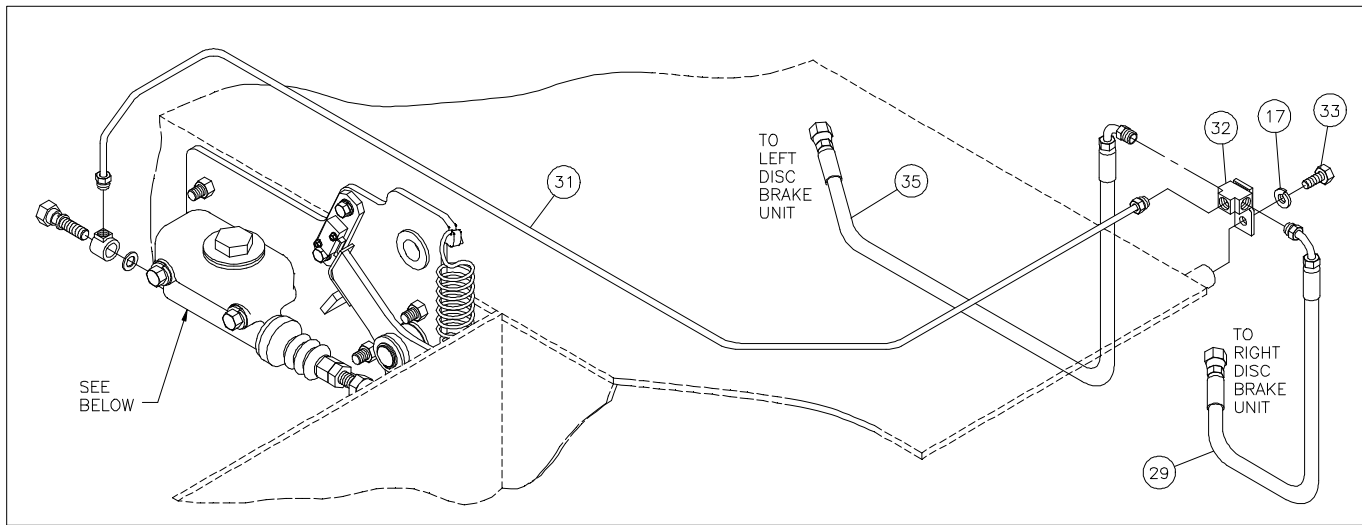


TOYOTA *Electric Stand Up*

Encoder Assembly

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ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10257-71	Mount Plate - Encoder	1	
2	00593-10296-71	Drive Shaft Insert & Pulley Assembly	1	, Pulley not sold sep.
3	<i>deleted</i>			
4	00593-11063-71	Hex Standoff, 1/4-20 x 1 male - male	2	
5	00593-10043-71	Lock Washer (Split Type), 1/4"	2	
6	00593-10042-71	Flat Washer, 1/4"	4	
7	00593-10208-71	Nylon Lock Nut, 1/4-20	2	
8	00593-10258-71	Cover - Timing Belt	1	
9	00593-10439-71	Encoder & Pulley Assembly	1	, Pulley not sold sep.
10	00593-10537-71	Hex Cap Screw, M3 x 8mm	4	
11	00593-10543-71	Lock Washer (Split Type), M3	4	
12	00593-10542-71	Flat Washer, M3	4	
13	00593-10600-71	Neoprene Timing Belt	1	

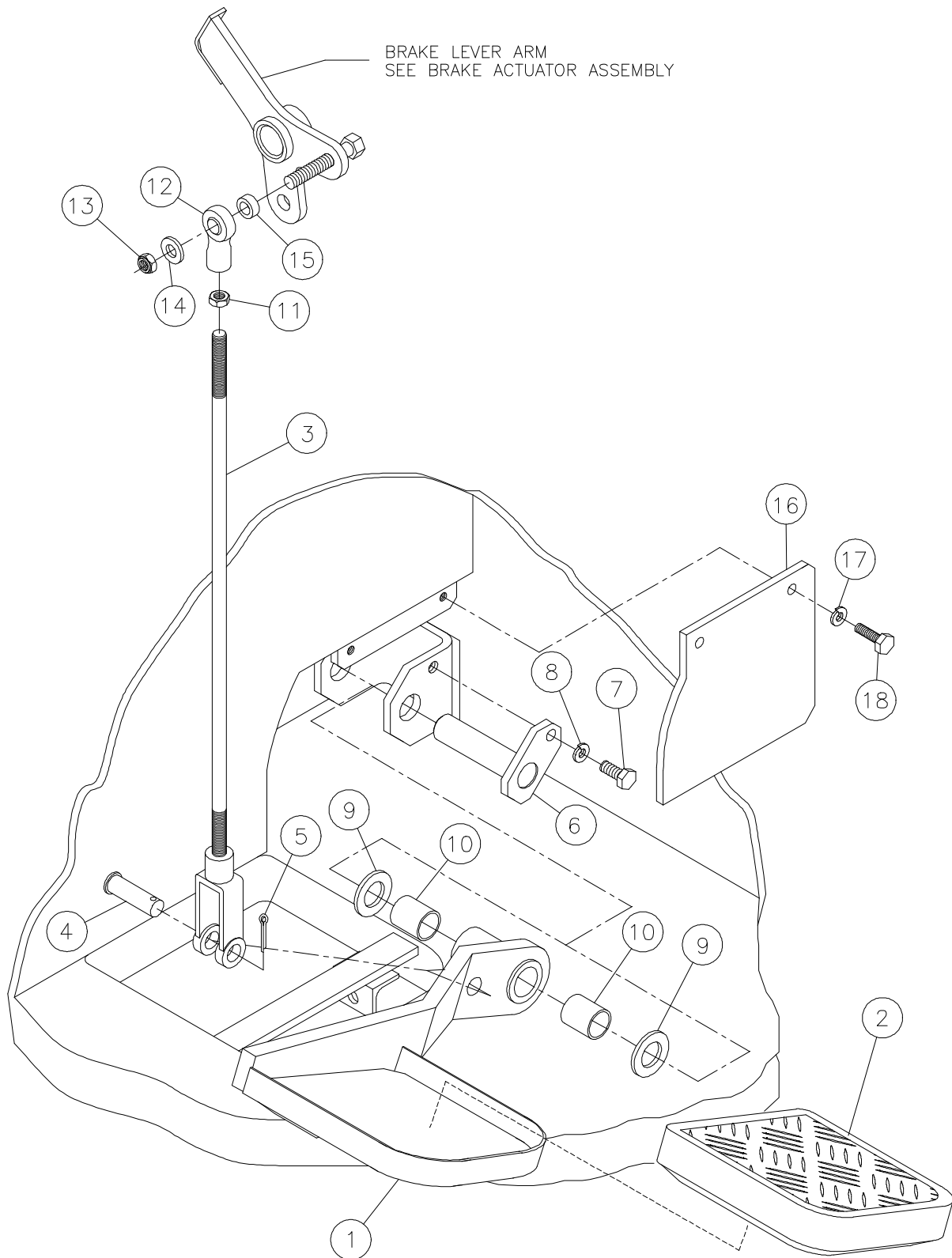


USE SAE J-1703 DOT 3 BRAKE FLUID

TOYOTA Electric Stand Up**Brake Actuator Assembly**

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 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10292-71	Brake Mount Plate	1	
2	00593-10293-71	Brake Lever Arm	1	
3	00593-10289-71	Mount Plate, Limit Switch	1	
4	00593-10013-71	Master Cylinder	1	,
	00593-10015-71	Seal Kit for Master Cylinder		Refer to Service Manual
5	00593-10599-71	Ball Linkage 7/16-20	1	
6	00593-10290-71	Stud, 7/16-20 x 2-1/4"	1	
7	00593-10501-71	Extension Spring	1	
8	00593-10352-71	Bushing	1	
9	00593-10351-71	Brake Limit Switch Assembly	1	,
10	00593-10519-71	Stainless Steel Washer, 3/4"	2	
11	00593-10148-71	Snap Ring, 3/4"	1	
12	00593-10052-71	Hex Cap Screw, 3/8-16 x 2-3/4"	2	
13	00593-10055-71	Lock Washer (Split Type), 3/8"	2	
14	00593-10057-71	Hex Cap Screw, 7/16-14 x 1-1/2"	1	
15	00593-10478-71	Nylon Lock Nut, 7/16-14	1	
16	00593-10105-71	Hex Cap Screw, 1/4-20 x 3/4"	2	
17	00593-10043-71	Lock Washer (Split Type), 1/4"	3	
18	00593-10042-71	Flat Washer, 1/4"	2	
19	00593-10505-71	Pan Hd. Mach. Screw, #4-40 x 3/4"	2	
20	00593-10167-71	Lock Washer (Split Type), #4	2	
21	00593-10168-71	Hex Nut, #4-40	2	
22	00593-10179-71	Grommet	1	
23	00593-10468-71	Brake Bolt, 3/8-16	1	
	00593-10056-71	Hex Nut, 3/8-16	1	
24	00593-10103-71	Hex Jam Nut, 7/16-20	2	
25	00593-10175-71	Swivel Fitting	1	
26	00593-10014-71	Copper Gasket	1	
27	00593-10176-71	Swivel Bolt	1	
28	00593-10102-71	Hex Cap Screw, 3/8-16 x 1-3/4"	3	
29	00593-11260-71	Right Brake Hose, 19"	1	
30	00593-10243-71	Nylon Lock Nut, 3/8-16	3	
31	00593-11324-71	1/4" Brake Line	1	6BNCU15, 18
	00593-11325-71	1/4" Brake Line	1	6BNCU20-30, 6BVNCU13
	00593-11326-71	1/4" Brake Line	1	6BNCU17, 19
32	00593-10557-71	Tee, #4 - 37° Inverted Flare	1	
33	00593-10090-71	Hex Cap Screw, 1/4-20 x 5/8"	1	
34	00593-10178-71	Copper Flat Washer	1	
35	00593-11261-71	Left Brake Hose, 25.5"	1	



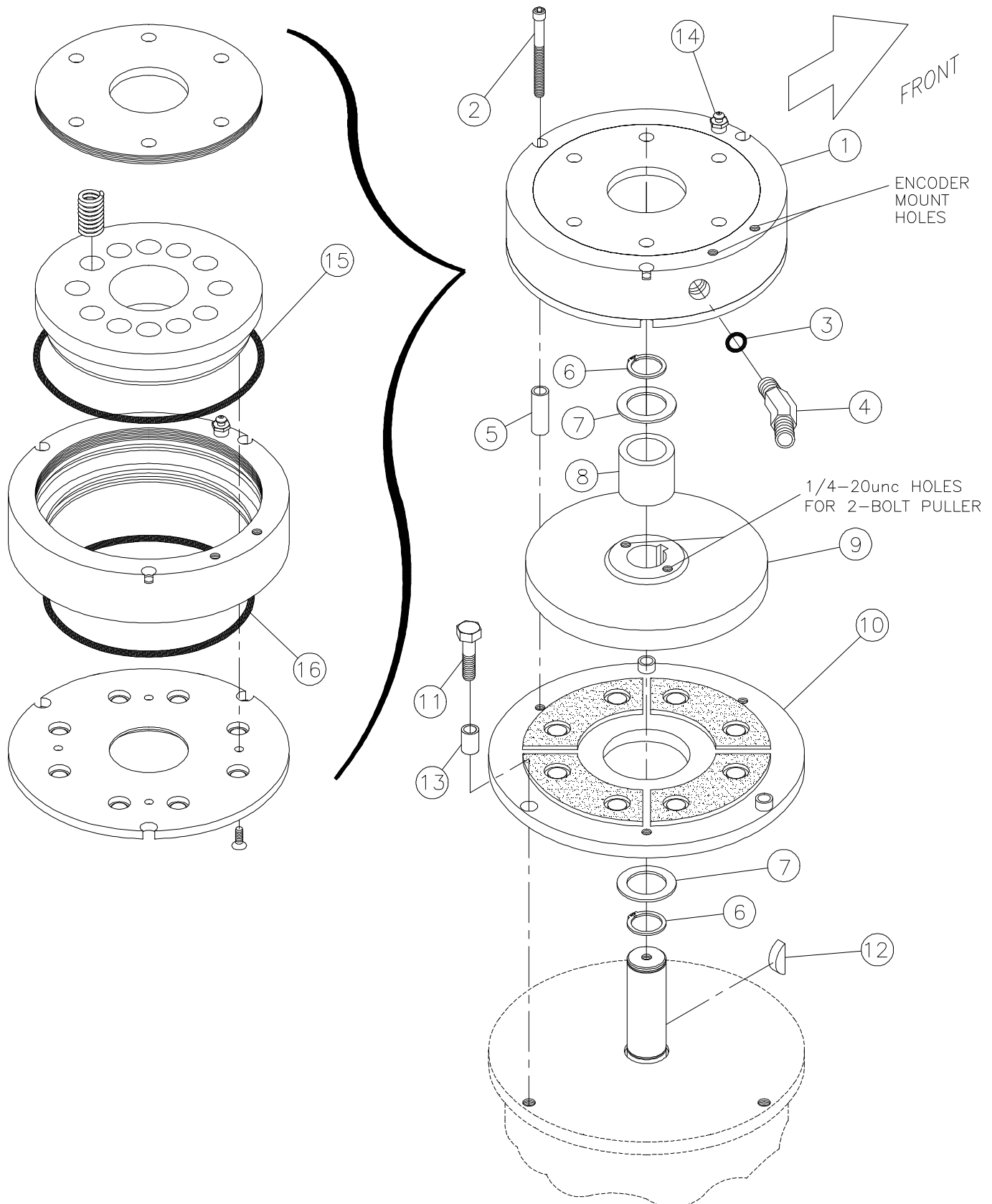
TOYOTA Electric Stand Up**Brake Pedal Assembly**

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10287-71	Brake Pedal	1	
2	00593-11477-71	Brake Pedal Pad	1	,
3	00593-10294-71	Brake Rod, Electric Steer	1	,
4	00593-10531-71	Clevis Pin, 1/2" x 1-1/2"	1	,
5	00593-10532-71	Cotter Pin, 5/32"	1	,
6	00593-10288-71	Pivot Pin, Brake Pedal	1	
7	00593-10465-71	Hex Cap Screw, 5/16-18 x 3/4"	1	
8	00593-10046-71	Lock Washer (Split Type), 5/16"	1	
9	00593-10516-71	Narrow Rim Machine Bushing, 3/4"	2	,
10	00593-10352-71	Nylon Bushing, 7/8" Dia.	2	,
11	00593-10116-71	Hex Jam Nut, 3/8-24	1	,
12	00593-10213-71	Rod End, 3/8-24	1	,
13	00593-10243-71	Nylon Lock Nut, 3/8-16	1	,
14	00593-10054-71	Flat Washer (Narrow, 3/4" OD), 3/8"	1	,
15	00593-10759-71	Brake Rod Spacer (1/4" Thick)	1	,
16	00593-10291-71	Cover Plate	1	
17	00593-10043-71	Lock Washer (Split Type), 1/4"	2	
18	00593-10462-71	Hex Head Screw, 1/4-20 x 3/4"	2	

TOYOTA Electric Stand Up

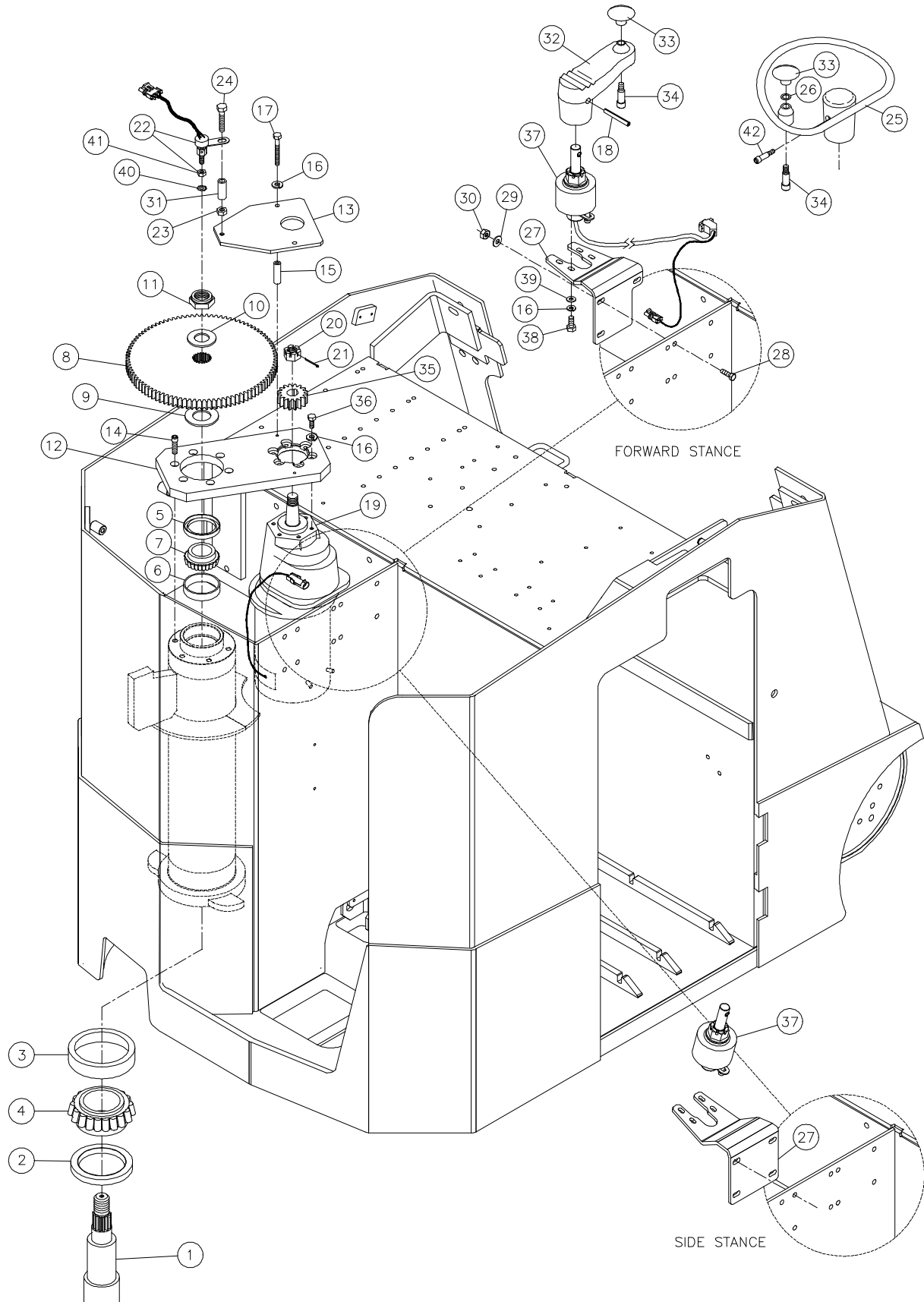
Disc Brake Unit



TOYOTA Electric Stand Up*Disc Brake Unit*

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

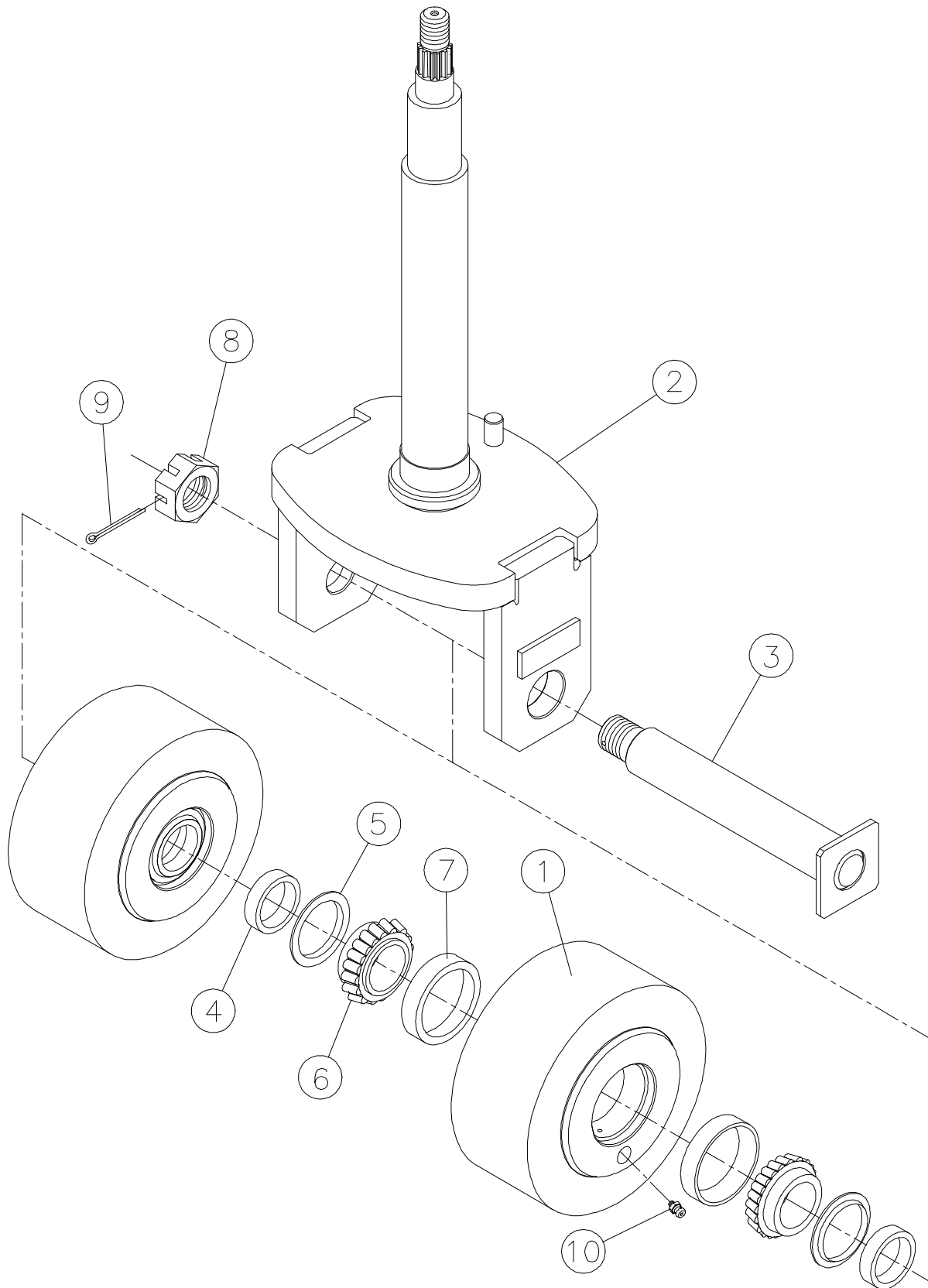
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	Not Sold Sep.	* Cylinder and Upper Brake Pad Assembly	1	
2	†	* Hex Socket Head Cap Screw	3	
3	00593-10621-71	O-Ring, #4	1	
4	00593-10550-71	45° Adapter, #4	2	
5	Not Sold Sep.	* Spacer	3	
6	00593-10081-71	Retaining Ring, 1"	2	
7	00593-10512-71	Arbor Shim, .005" x 1" ID	A/R	
	00593-10513-71	Arbor Shim, .010" x 1" ID	A/R	
	00593-10514-71	Arbor Shim, .015" x 1" ID	A/R	
8	00593-10758-71	Spacer, 1" ID	1	
9	00593-10603-71	* Rotor, 1" ID	1	
10	Not Sold Sep.	* Bottom Brake Pad Plate	1	
11	00593-10100-71	Hex Cap Screw, 5/16-18 _{UNC} x 1-1/4"	3	
12	00593-10146-71	Woodruff Key, 5/16" x 1"	1	
13	00593-10602-71	* Brake Mount Sleeve	3	
14	00593-10601-71	* Bleeder Plug	1	
15	00593-10623-71	O-Ring, 5.5"	1	
16	00593-10622-71	O-Ring, 5"	1	
	00593-11438-71	Disc Brake Unit - Complete		,
	00593-11439-71	Disc Brake Unit - Plated **		
		* The complete disc brake unit includes Items 1, 2, 5, 9, 10, 13 and 14.		
		** Plated disc brake unit for use on trucks equipped with Cooler or Freezer Conditioning		
	†	Not available at time of printing, consult factory		



TOYOTA Electric Stand Up**Steering Assembly**

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	- - -	See Steer fork assembly	1	
2	00593-10626-71	Seal	1	,
3	00593-10354-71	Bearing Cup	1	,
4	00593-10355-71	Cone Bearing	1	,
5	00593-10003-71	Seal	1	,
6	00593-10001-71	Bearing Cup	1	,
7	00593-10002-71	Cone Bearing	1	,
8	00593-11436-71	Spur Gear	1	
9	00593-10511-71	Wd Rim Mach Bushing, 1-3/8" x 10GA.	1	
10	00593-10510-71	Wd Rim Mach Bushing, 1-1/8" x 10GA.	1	
11	00593-10211-71	Jam Lock Nut, 1-1/8-12	1	
12	00593-10298-71	Lower Plate	1	
13	00593-10299-71	Upper Plate	1	
14	00593-10467-71	Socket Head Cap Screw, 3/8-16 x 1"	6	Apply LocTite 242 Torque to 36 lb-ft
15	00593-10761-71	Spacer - Upper Steer Plate	2	
16	00593-10043-71	Lock Washer (Split Type), 1/4"	12	
17	00593-10185-71	Hex Screw, 1/4-20 x 2-3/4"	2	
18	00593-10530-71	Spiral Roll Pin, 5/16" x 2-1/2", S.S.	1	
19	00593-10383-71	Gear Motor	1	See ELECTRICAL for power cables
	00593-10389-71	Brush Set		
20	00593-10482-71	Slotted Hex Nut, 3/4-16	1	Torque to 150 lb-ft
21	00593-10076-71	Cotter Pin, 1/8" x 1-1/2"	1	
22	00593-10275-71	Steer Pot, Arm, Insert Assembly	1	,
23	00593-10096-71	Hex Nut, 3/8-16	1	
24	00593-10157-71	Hex Screw, 3/8-16 x 2-1/2"	1	
25	00593-10336-71	Half Moon Steering Wheel	1	Optional
	00593-10337-71	Half Moon Steering Wheel Assembly		Includes 25, 26, 33, 34
26	00593-10370-71	Bushing	1	
27	00593-10763-71	Mount Bracket - Forward Stance	1	
	00593-10764-71	Mount Bracket - Side Stance	1	
28	00593-10091-71	Hex Cap Screw, 5/16-18 x 1" Gr. 5	4	
29	00593-10047-71	Flat Washer, 5/16"	4	
30	00593-10110-71	Nylon Lock Nut, 5/16-18	4	
31	00593-10762-71	Spacer - Torque Arm Potentiometer	1	
32	00593-10657-71	Tiller (Electric Steer)	1	
33	00593-10652-71	Round Knob	1	
34	00593-10508-71	Shoulder Bolt, 1/2" x 1"	1	
35	00593-11437-71	Pinion Gear	1	
	00593-10122-71	Woodruff Key, 1/4" x 1"	1	
36	00593-10538-71	Hex Screw, M6 x 20mm	6	Torque to 7 lb-ft
37	- - -	See Tiller/Encoder Assembly	1	
38	00593-10067-71	Hex Screw, 1/4-20 x 1"	4	
39	00593-10042-71	Flat Washer, 1/4"	4	
40	00593-10488-71	External Tooth Lock Washer, 5/16"	1	
41	00593-10048-71	Hex Nut, 5/16-18	1	Included with Item 22
42	00593-10507-71	Shoulder Bolt, 5/16" x 1-1/4"	1	



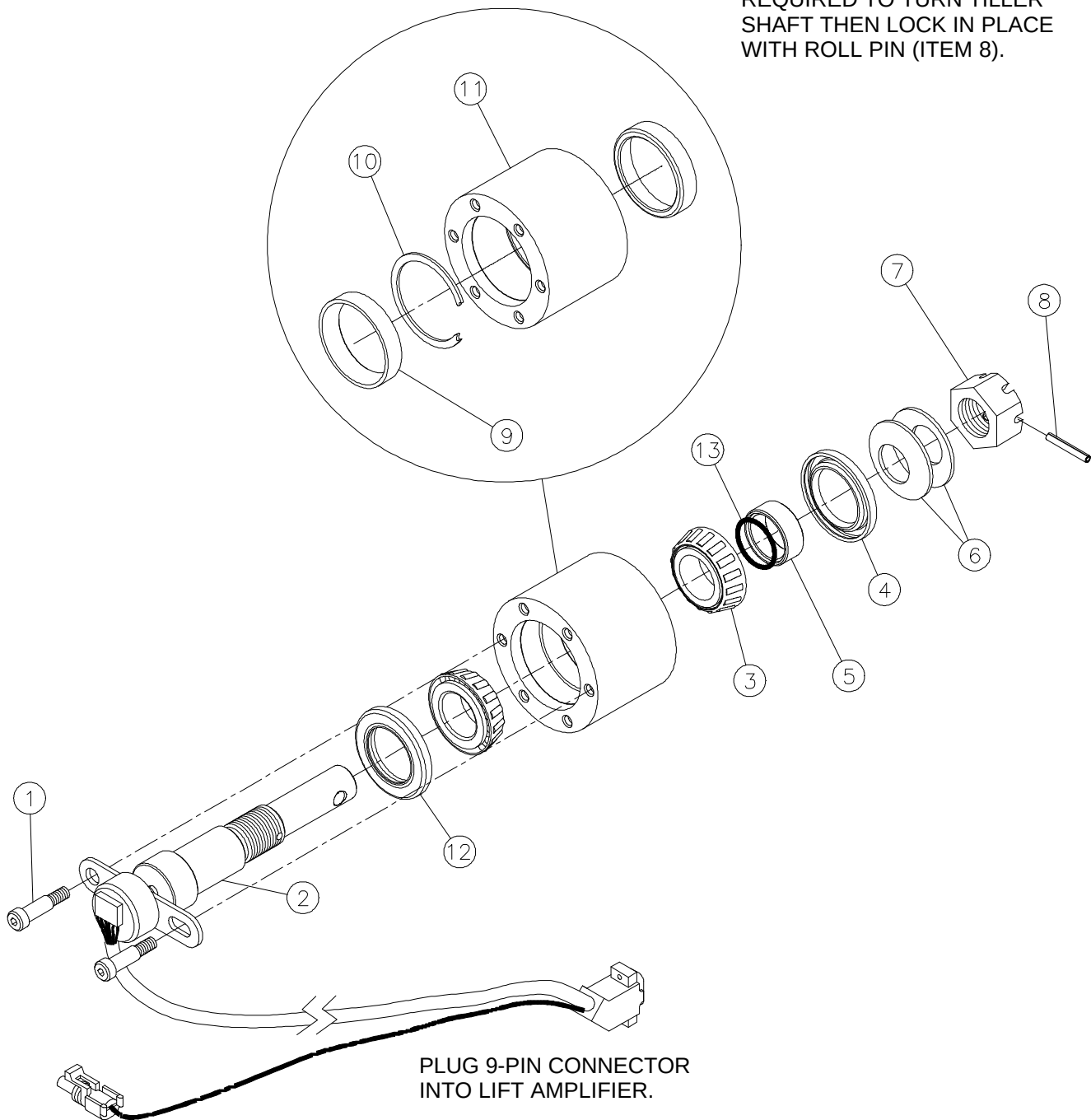
TOYOTA Electric Stand Up**Steer Fork Assembly**

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	See Table	Wheel & Tire assembly	2	Includes bearing cups
2	00593-10297-71	Fork - Dual Wheel	1	
3	00593-10760-71	Steer Fork Axle - Dual Wheel	1	
4	00593-10295-71	Spacer	4	
5	00593-10627-71	Seal	4	,
6	00593-10357-71	Cone Bearing	4	,
7	00593-10356-71	Bearing Cup	4	
8	00593-10477-71	Hex Slotted Jam Nut, 1-1/2-12	1	
9	00593-10533-71	Cotter Pin, 3/16" x 2-1/2"	1	,
10	00593-10075-71	Straight Zerk, 1/4-28	2	,

ITEMS 1 & 11: WHEEL & TIRE ASSEMBLY			
DESCRIPTION	WHEEL & TIRE ASSEMBLY	WHEEL	TIRE
Dual Wheel, Poly - Black	00593-10745-71*	00593-10744-71 *	00593-10613-71
Dual Wheel, Poly - Cream	00593-10746-71*		00593-10616-71
Dual Wheel, Rubber - Black	00593-10747-71*		00593-10612-71
Dual Wheel, Rubber - Non-Marking	00593-10748-71*		00593-10617-71
* Includes bearing cups			

TIGHTEN NUT (ITEM 7) SO THAT 9-10 IN-LBS ARE REQUIRED TO TURN TILLER SHAFT THEN LOCK IN PLACE WITH ROLL PIN (ITEM 8).



PLUG 9-PIN CONNECTOR
INTO LIFT AMPLIFIER.

PLUG 1-PIN CONNECTOR
INTO STEER MOTOR BRUSH
WEAR INDICATOR.

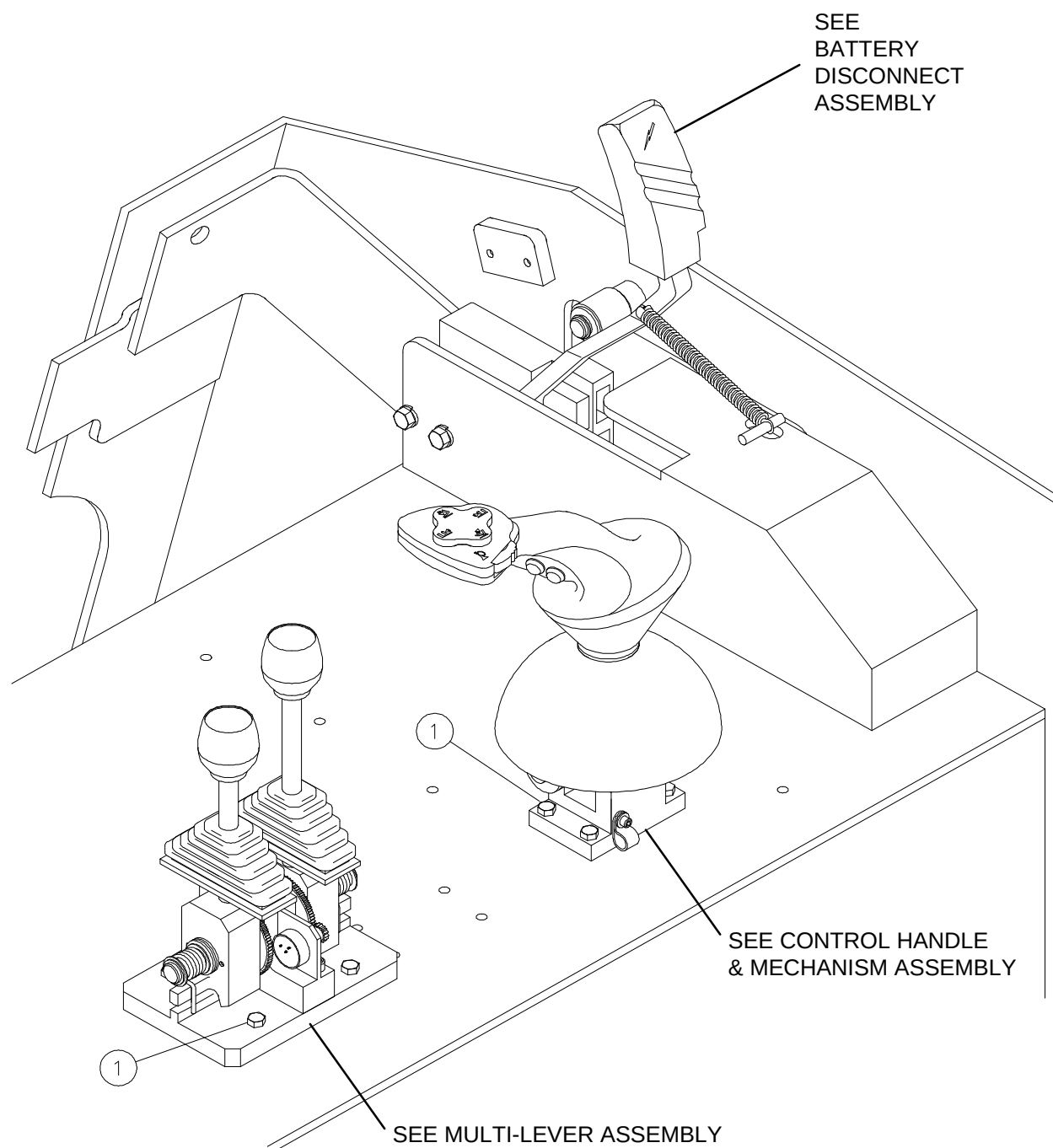
TOYOTA Electric Stand Up*Tiller / Encoder Assembly*

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10509-71	Shoulder Bolt, 5/16 x 1/4-20 x 3/4"	2	
2	00593-10768-71	Encoder / Shaft Assembly	1	
3	00593-10364-71	Cone Bearing	2	
4	00593-10628-71	Seal (Springless)	1	
5	00593-10300-71	Spacer	1	
6	00593-10503-71	Spring Washer	2	
7	00593-10142-71	Slotted Hex Nut	1	
8	00593-10137-71	Spiral Roll Pin, 5/32" x 1-1/8"	1	
9	00593-10363-71	Bearing Cup	2	
10	00593-10497-71	Internal Snap Ring, 2"	3	
11	00593-10766-71	Bearing Block	1	
12	00593-10629-71	Seal (With Spring)	1	
13	00593-10625-71	O-Ring 1" ID, 1/16" Dia.	1	
	00593-10301-71	Tiller / Encoder Assembly - Complete		

NOTES

1. Fill bearing cavity with hydraulic fluid.

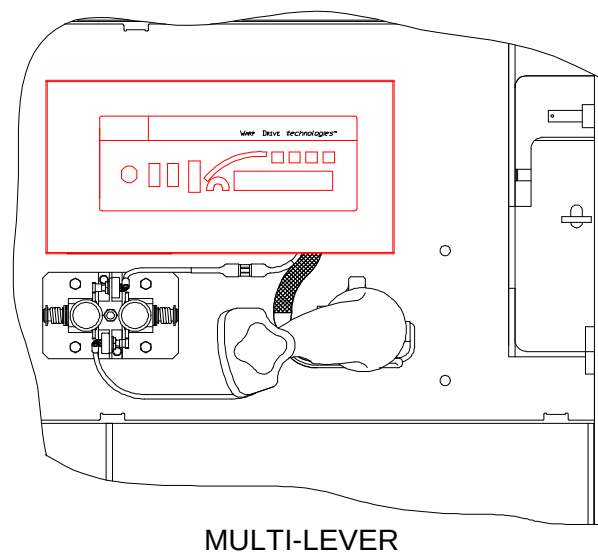
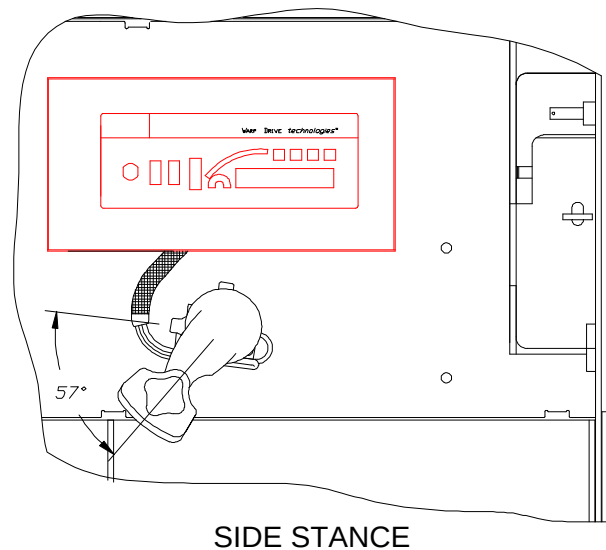
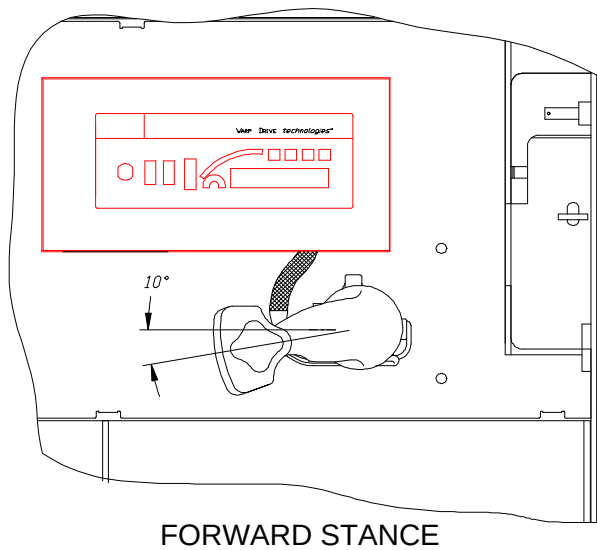


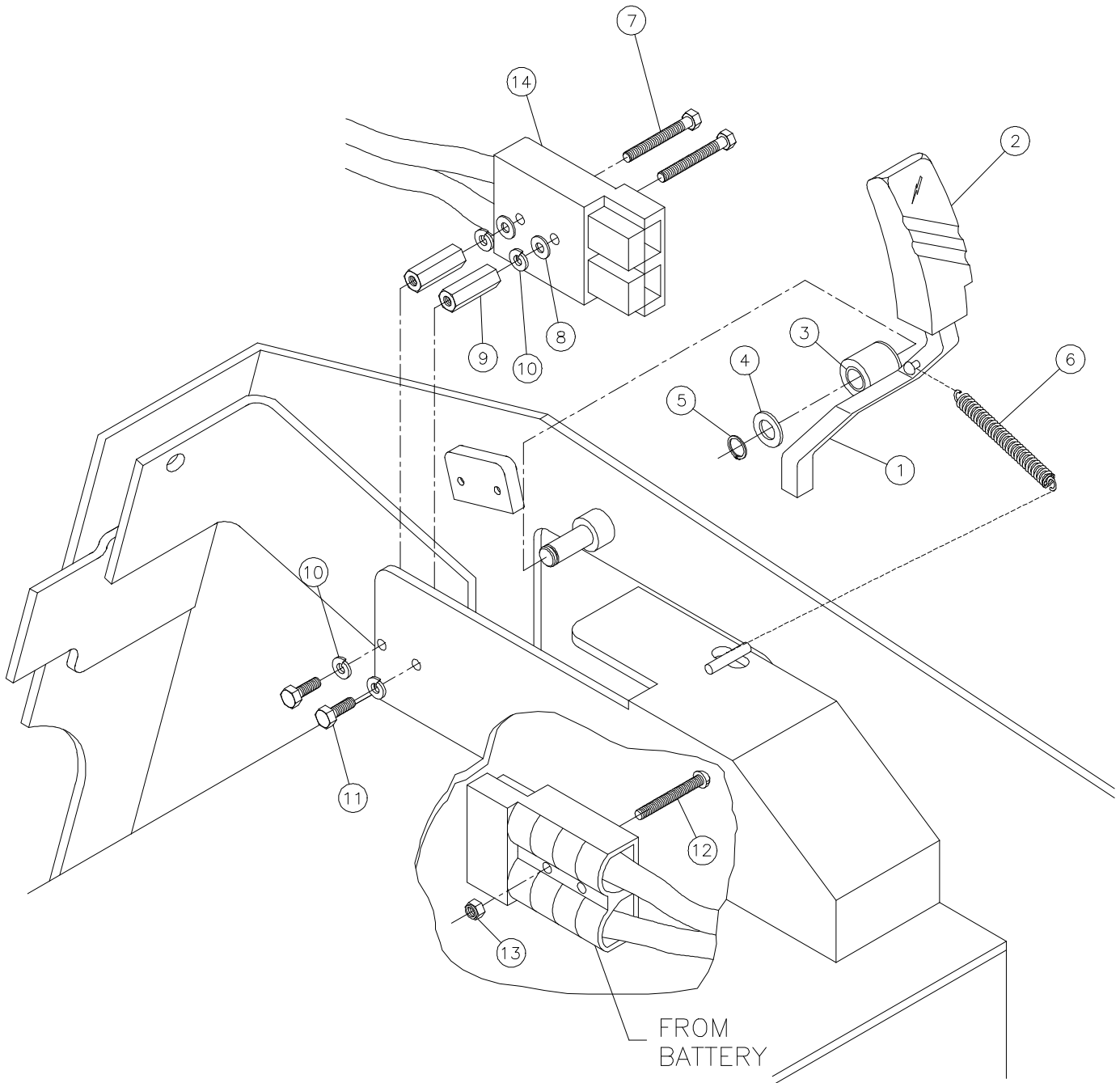
TOYOTA *Electric Stand Up*

Controls Installation

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10462-71	Hex Screw, 1/4-20 x 3/4" Grade 5	4	

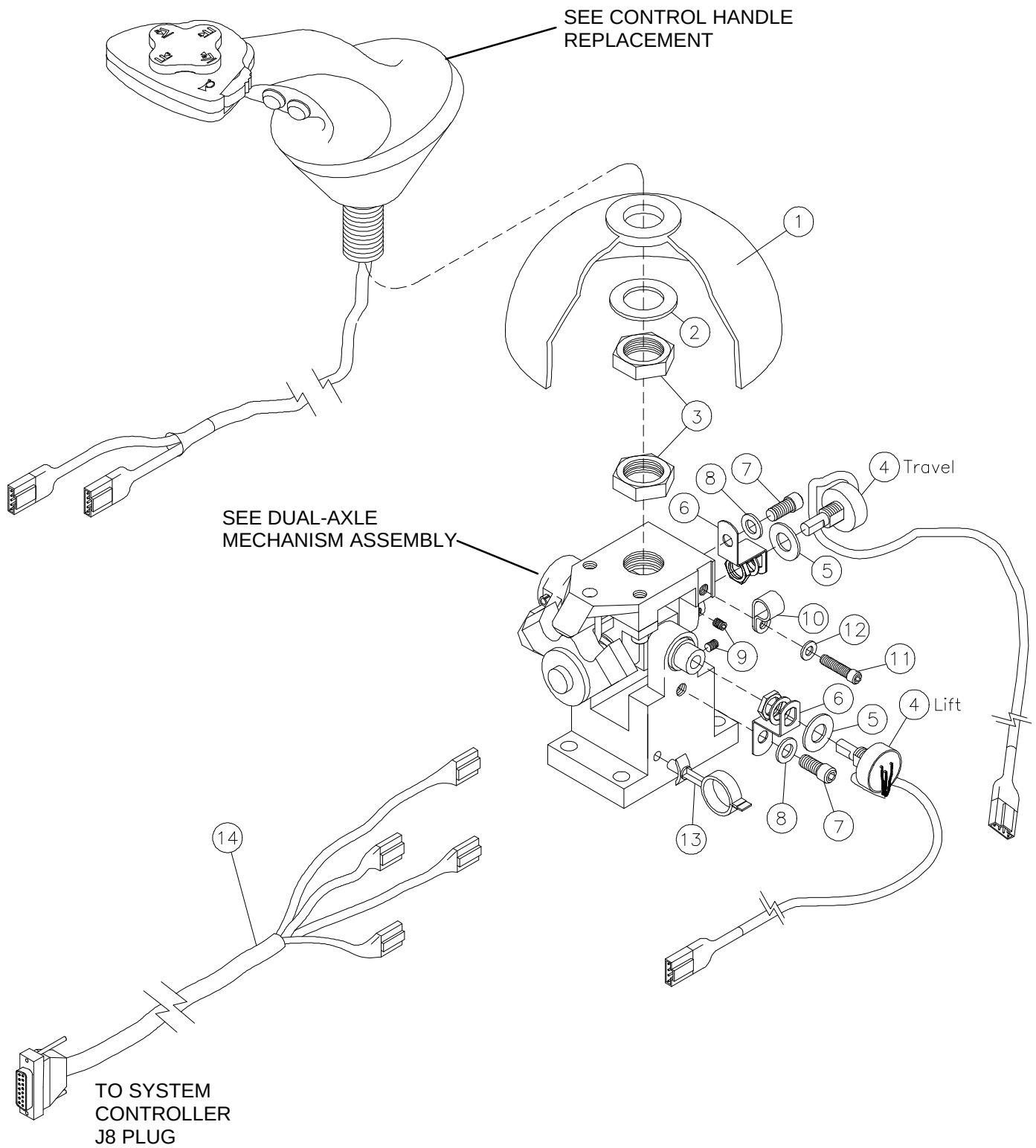




TOYOTA Electric Stand Up**Battery Disconnect**

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10250-71	* Battery Disconnect Lever	1	
2	00593-11480-71	* Emergency Knob - Yellow	1	
3	00593-10369-71	* Bronze Bushing, 1/2" ID x 5/8" OD	1	
4	00593-10070-71	Machine Bushing, 1/2" ID x 7/8" OD	1	
5	00593-10138-71	Snap Ring, 1/2"	1	
6	00593-10663-71	Spring	1	
7	00593-10041-71	Hex Cap Screw, 1/4-20 x 2"	2	
8	00593-10042-71	Flat Washer, 1/4"	2	
9	00593-11065-71	Standoff, 1/4-20	2	
10	00593-10043-71	Lock Washer, 1/4"	4	
11	00593-10105-71	Hex Cap Screw, 1/4-20 x 3/4"	2	
12	00593-10212-71	Machine Screw, 1/4-20 x 2-1/4"	1	
13	00593-10114-71	Lock Nut, 1/4-20	1	
14	00593-10183-71	Battery Connector - Gray	1	
	00593-10690-71	* Battery Disconnect Handle Assembly	1	Includes Items 1, 2, 3



TOYOTA Electric Stand Up**Control Handle & Mechanism Assembly**

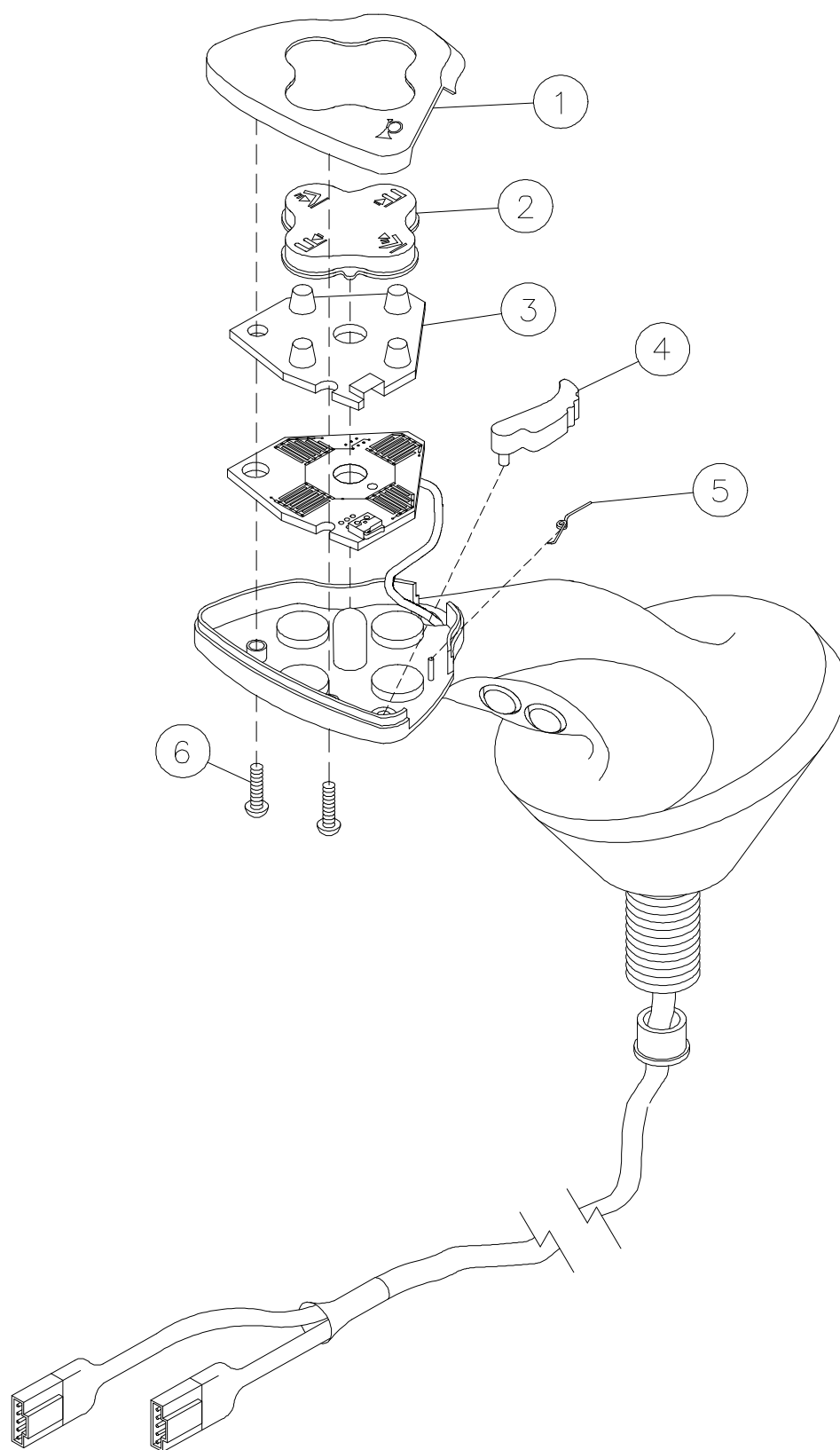
THIS PAGE APPLIES TO

MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13

ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
	00593-10665-71	Control Handle & Mechanism Assembly - without Aux Switches		See CONTROLS INSTALLATION for angle of control handle on mechanism.
	00593-10733-71	Control Handle & Mechanism Assembly - with Aux Switches		
	00593-10734-71	Control Handle & Mechanism Assembly - Single Axis		
1	00593-10651-71	Boot, Control Handle	1	Includes washer & nut
2	00593-10515-71	Machine Bushing, 3/4" x 1-1/4" x 18Ga	1	
3	00593-10475-71	Lock Nut, 3/4-16	2	
4	00593-11046-71	Potentiometer with Harness	2	
5	00593-10523-71	Nylon Washer, 3/8"ID x 3/4"OD	2	
6	00593-10732-71	Potentiometer Mount Bracket	2	
7	00593-10458-71	Socket Head Screw, 1/4-20 x 1/2"	2	
8	00593-10512-71	Flat Washer, 1/4"ID x 1/2"OD	2	
9	00593-10489-71	Set Screw, #8-32	2	
10	00593-10432-71	Loom Clip, 3/8"	1	
11	00593-10456-71	Socket Head Screw, #10-24 x 1/2"	2	
12	00593-10088-71	Flat Washer, #8	2	
13	00593-10435-71	Standoff Guide	1	
14	00593-11045-71	Control Handle - Sys Con Harness	1	

Control Handle Harness Connector			
Pin#	Description	Pin#	Description
1	Lift/Lower	9	Ground-Pots
2	Travel	10	+15 Volts
3	Aux-Dir A	11	Aux-Dir B
4	Ground-Aux	12	Shield-Pots
5	Ground-Tilt/SS/Horn	13	Tilt Back
6	Tilt Forward	14	Sideshift Left
7	Sideshift Right	15	Horn
8	Shield		



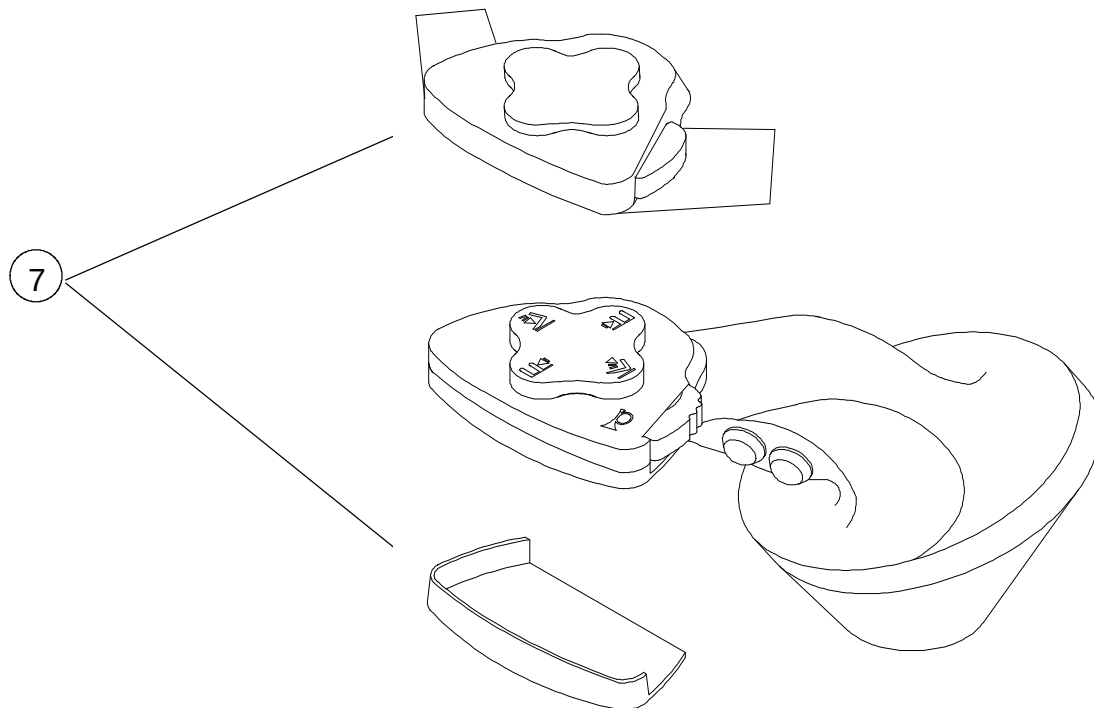
TOYOTA *Electric Stand Up*

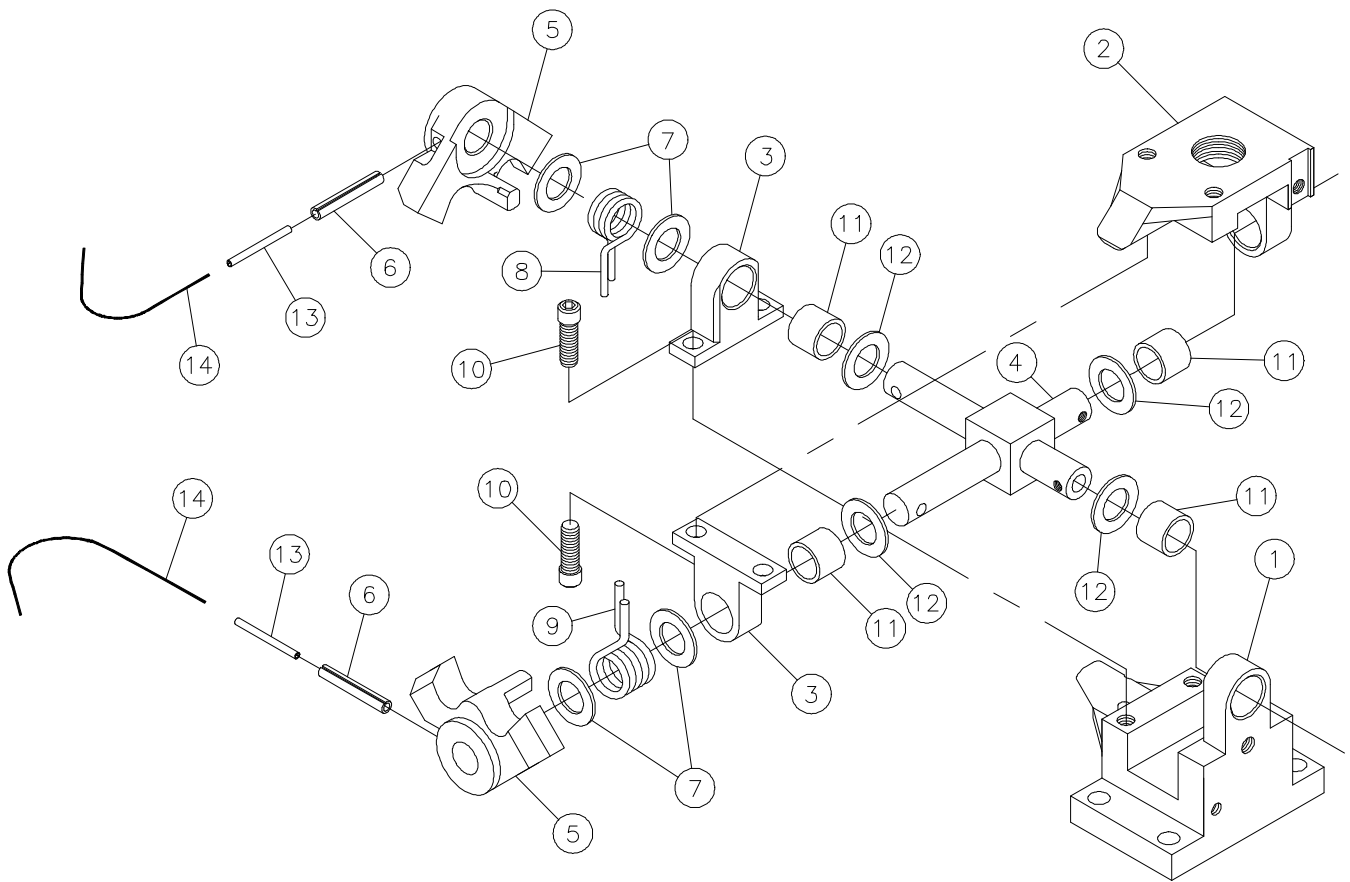
Control Handle Replacement

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
	00593-10668-71	Control Handle Replacement w/plugs		
	00593-10737-71	Control Handle Replacement w/aux switches		
1	00593-10654-71	Bezel	1	
2	Not Sold Sep.	Rocker	1	
3	00593-10650-71	Keypad Switch	1	
4	00593-10653-71	Horn Button	1	
5	00593-10502-71	Horn Button Spring	1	
6	00593-10449-71	Button Head Screw, #6-32 x 1/2" with nylon strip	2	
7	00593-10339-71	Dust and Moisture Boot	1	See illustration below

Items not called out are not sold separately.





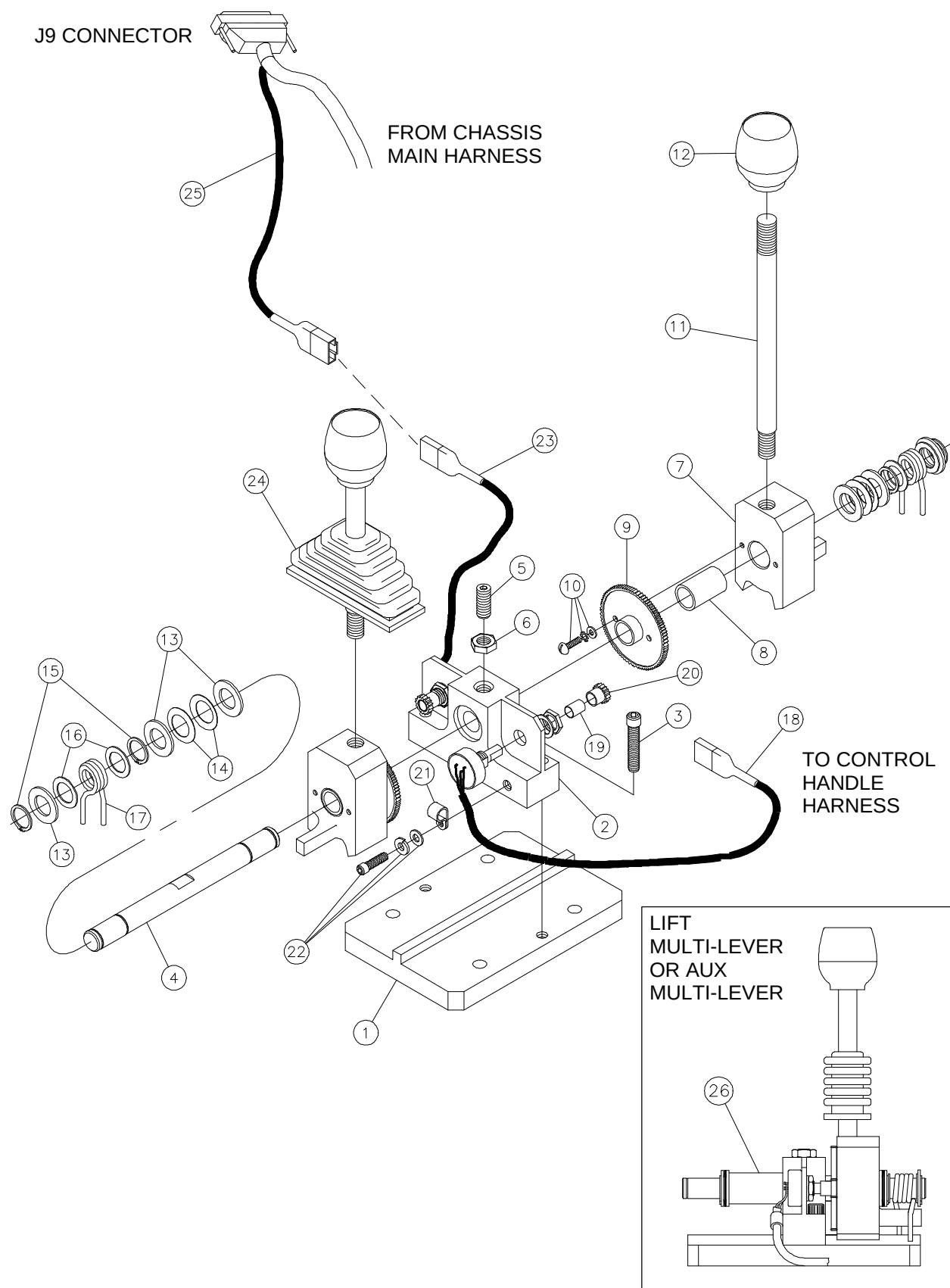
TOYOTA Electric Stand Up*Dual-Axle Mechanism Assembly*

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
	00593-10666-71	Dual-Axle Mechanism Assembly - Std		
	00593-10268-71	Dual-Axle Mechanism Assembly - Single Axis		
1	00593-10731-71	L-Bracket, Bottom	1	
2	00593-10730-71	L-Bracket, Top	1	
3	00593-10259-71	Pillow Block	2	
4	00593-10261-71	Shaft Assembly	1	
5	00593-10260-71	Stop Block	2	
6	00593-11486-71	Roll Pin, 1/4" x 1 1/4"	2	
7	00593-10522-71	Nylon Flat Washer, 1/2"ID x 3/4"OD	4	
8	00593-11068-71	Torsion Spring, Extra Heavy (4 Coils)	1	See Note 1
9	00593-11067-71	Torsion Spring, Heavy (5 Coils)	1	See Note 1
10	00593-10066-71	Socket Head Screw, 1/4-20 x 3/4"	4	
11	00593-10353-71	Journal Bearing 1/2" x 5/8"	4	
12	00593-10520-71	Stainless Flat Washer, 1/2"ID x 7/8"OD	4	
13	00593-11487-71	Roll Pin (Spiral), 5/32" x 3/4"	2	
14	00593-11488-71	Safety Wire	8 in.	

NOTES

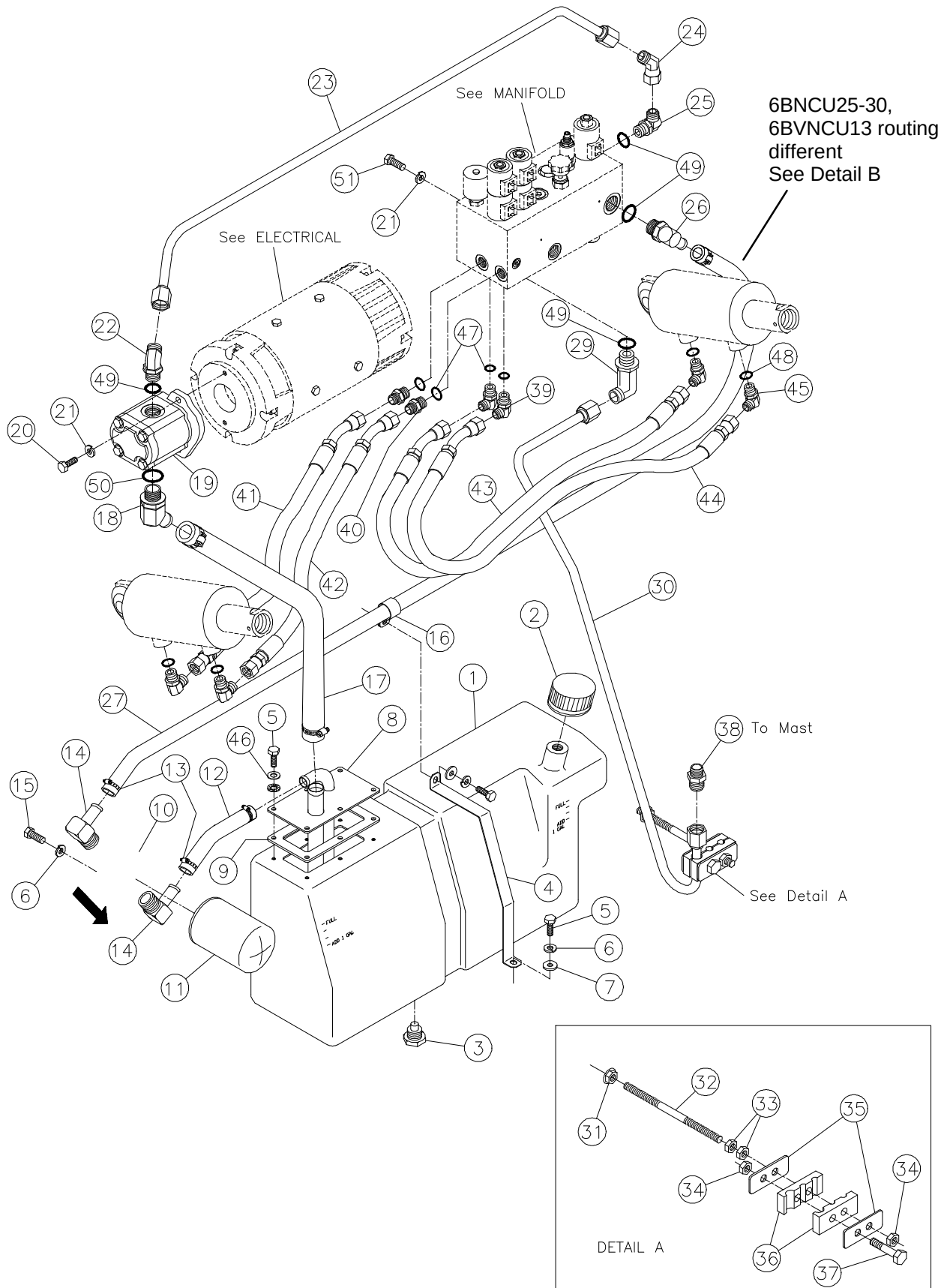
1. P/N 00593-10346-71 Control Handle Spring Kit - includes Items 6, 8, 9, 13, 14.



TOYOTA Electric Stand Up*Multi-Lever Assembly*

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
	00593-10667-71	Multi-Lever Assembly - Aux & Lift		
	00593-10735-71	Multi-Lever Assembly - Aux only		
	00593-10736-71	Multi-Lever Assembly - Lift only		
1	00593-10265-71	Base Plate	1	
2	00593-10262-71	Holder Plate	1	
3	00593-10457-71	Socket Head Screw, 1/4-20 x 1-1/4"	2	
4	00593-10264-71	Main Shaft	1	
5	00593-10494-71	Set Screw, 5/16-24 x 3/4"	1	
6	00593-10104-71	Jam Nut, 5/16-24	1	
7	00593-10263-71	Handle Stop	2	
8	00593-10353-71	Journal Bearing	2	
9	00593-10266-71	Spur Gear, 96 Tooth	2	
10	00593-10447-71	Button Head Screw, #6-32 x 5/8"	4	
	00593-10106-71	Lock Washer (External Tooth), #6	4	
	00593-10517-71	Stainless Steel Flat Washer, #6	4	
11	00593-10656-71	Lever Shaft, 6"	1	
	00593-10655-71	Lever Shaft, 4-1/2"	1	
12	00593-10032-71	Knob	2	
13	00593-10520-71	SS Flat Washer, 1/2"ID x 7/8"OD	6	
14	00593-10500-71	Disc Spring	8	As Required
15	00593-10496-71	Retaining Ring, 1/2"	4	
16	00593-10522-71	Nylon Flat Washer, 1/2"ID x 3/4"OD	4	
17	00593-11068-71	Torsion Spring - Extra Heavy (4 Coil)	2	
18	00593-11047-71	Potentiometer with Harness (Lift)	1	Includes washer & nut
19	00593-10495-71	Tolerance Ring	2	
20	00593-10267-71	Spur Gear, 20 Tooth	2	
21	00593-10434-71	Nylon Clamp	2	
22	00593-10455-71	Hex Screw, #10-24 x 5/8"	2	
	00593-10038-71	Lock Washer, #10	2	
	00593-10088-71	Flat Washer, #8	2	
23	00593-11048-71	Potentiometer with Harness (Aux)	1	Includes washer & nut
24	00593-10022-71	Control Lever Boot	2	
25	Not Sold Sep.	Aux Multi-Lever Harness	1	
26	00593-10850-71	Spacer Sleeve	1	



TOYOTA Electric Stand Up**Chassis Hydraulic Assembly**

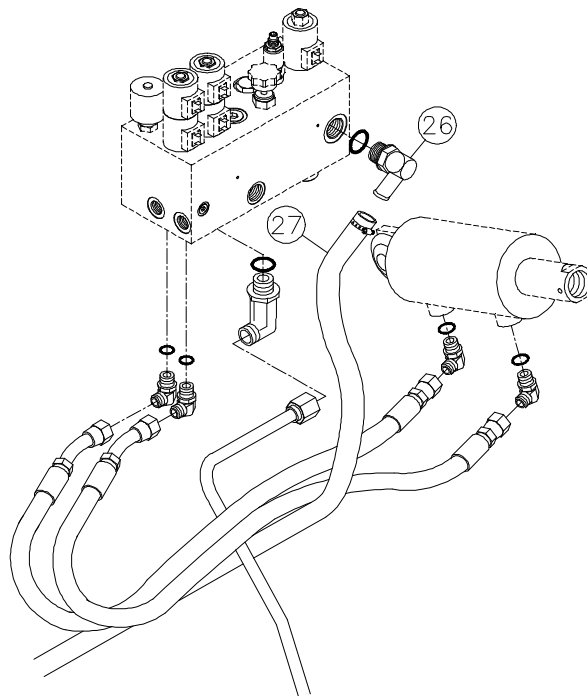
THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10644-71	Hydraulic Tank, Plastic	1	
2	00593-10556-71	Oil Fill Breather Cap	1	
3	00593-10017-71	Magnetic Drain Plug	1	
4	00593-10253-71	Tank Mounting Strap	1	
5	00593-10113-71	Hex Cap Screw, 1/4-20 x 1/2"	8	
6	00593-10043-71	Lock Washer (Split Type), 1/4"	4	
7	00593-10042-71	Flat Washer, 1/4"	2	
8	00593-11322-71	Tube Assembly	1	
9	00593-10642-71	Tube Mount Plate Gasket	1	
10	00593-10558-71	Filter Assembly	1	Includes Item 11
11	00593-10559-71	Filter	1	
12	00593-11267-71	Return Hose, #12	1	
13	00593-10072-71	Hose Clamp	6	
14	00593-10562-71	Hose Insert 90° Elbow, #12 NPT	2	
15	00593-10040-71	Hex Cap Screw, 1/4-20 x 3/4"	2	
16	00593-10229-71	Loom Clip, 7/8"	1	
17	00593-10566-71	Suction Hose, #16	1	
18	00593-10561-71	Hose Insert 45° Elbow, #16	1	
19	00593-10244-71	Lift Pump, 23cc	1	6BNCU25-30 EE or Duplex
	00593-10568-71	Lift Pump, 19cc	1	
20	00593-10094-71	Hex Cap Screw, 3/8-24 x 1-1/4"	2	
21	00593-10055-71	Lock Washer, 3/8"	6	
22	00593-10140-71	45° Elbow, #12 Straight Thread	1	
23	00593-11283-71	Tube, Lift Pump - Manifold	1	
24	00593-10163-71	45° Swivel Elbow, #12	1	
25	00593-10020-71	90° Elbow, #12 Straight Thread	1	
26	00593-10560-71	Hose Insert 90° Elbow, #12	1	
27	00593-11266-71	Return Hose, #12	1	
29	00593-10552-71	90° Long Elbow, #12 Straight Thread	1	
30	00593-11278-71	Tube, Manifold - Mast	1	6BNCU15-23
	00593-11279-71	Tube, Manifold - Mast	1	6BNCU25-30, 6BVNCU13
31	00593-10065-71	Flange Lock Nut, 1/2-13	1	
32	00593-10285-71	Hydraulic Clamp Rod	1	
33	00593-10064-71	Hex Jam Nut, 1/2-13	2	
34	00593-10480-71	Nylon Lock Nut, 1/2-13	2	
35	00593-10284-71	Clamp Plate	2	
36	00593-10283-71	Clamp	2	
37	00593-10061-71	Hex Cap Screw, 1/2-13 x 2-1/2"	1	
38	00593-10551-71	Adapter Union, #10 - #12	1	
39	00593-10182-71	90° Elbow, #6 - #4 Straight Thread	2	
40	00593-10086-71	Connector, #6 - #4 Straight Thread	2	
41	00593-11069-71	Hose, #4 x 22.5", Manif. - Rt. Tilt Rear	1	6BNCU15-23
	00593-11074-71	Hose, #4 x 24.3", Manif. - Rt. Tilt Rear	1	6BNCU25-30, 6BVNCU13
42	00593-11070-71	Hose, #4 x 25.5", Manif. - Rt. Tilt Front	1	6BNCU15-23
	00593-11071-71	Hose, #4 x 28", Manif. - Rt. Tilt Front	1	6BNCU25-30, 6BVNCU13

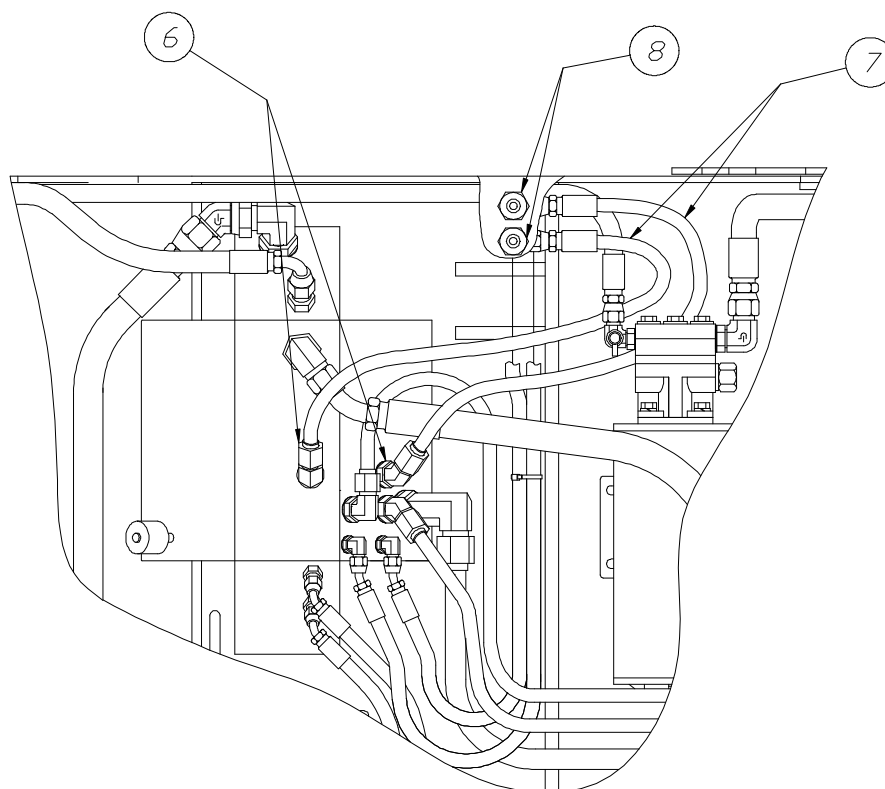
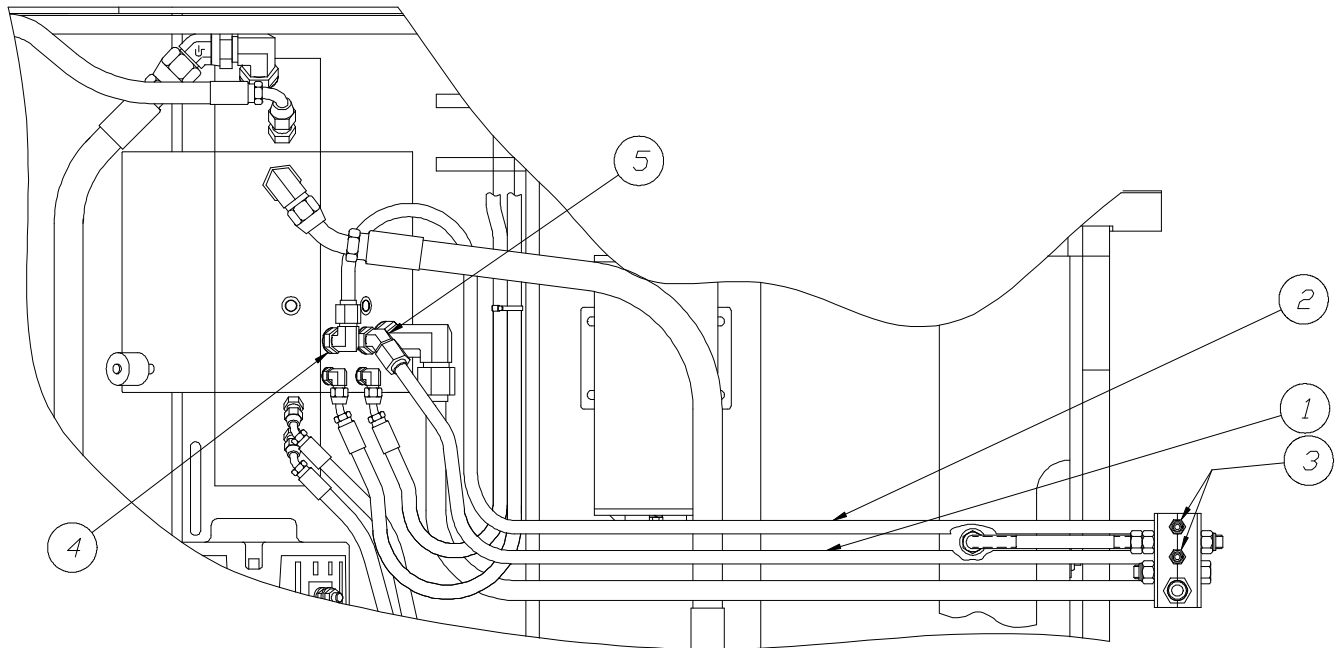
TOYOTA Electric Stand Up*Chassis Hydraulic Assembly*

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
43	00593-10678-71	Hose, #4 x 21", Manif. - Lt. Tilt Rear	1	6BNCU15-23
	00593-11074-71	Hose, #4 x 24.3", Manif. - Lt. Tilt Rear	1	6BNCU25-30, 6BVNCU13
44	00593-11072-71	Hose, #4 x 26.5", Manif. - Lt. Tilt Front	1	6BNCU15-23
	00593-11073-71	Hose, #4 x 29.5", Manif. - Lt. Tilt Front	1	6BNCU25-30, 6BVNCU13
45	00593-10159-71	90° Elbow, #8 - #6 Straight Thread	4	
46	00593-10487-71	Interlocking Fastener, 1/4"	12	
47	00593-10009-71	O-Ring, #6 -- Included with Items 39 & 40		
48	00593-10012-71	O-Ring, #8 -- Included with Item 45		
49	00593-10011-71	O-Ring, #12 -- Included with Items 22, 25, 26, & 29		
50	00593-10232-71	O-Ring, #16 -- Included with Item 18		
51	00593-10093-71	Hex Cap Screw, 3/8-16 x 1"	4	

NOTE 1 Only LocTite® 545 Pneumatic/Hydraulic Sealant or equivalent should be used to seal hydraulic connections. DO NOT use teflon tape.



DETAIL B
6BNCU25-30, 6BVNCU13 Return Hose Routing

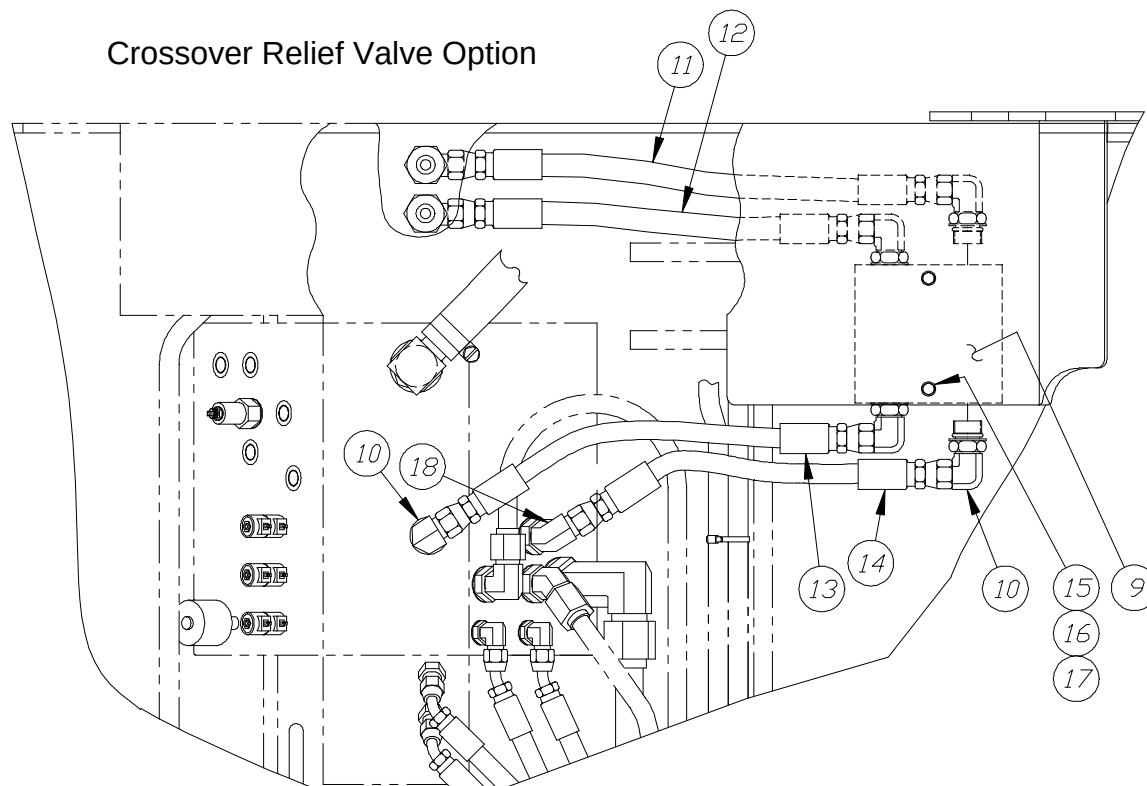


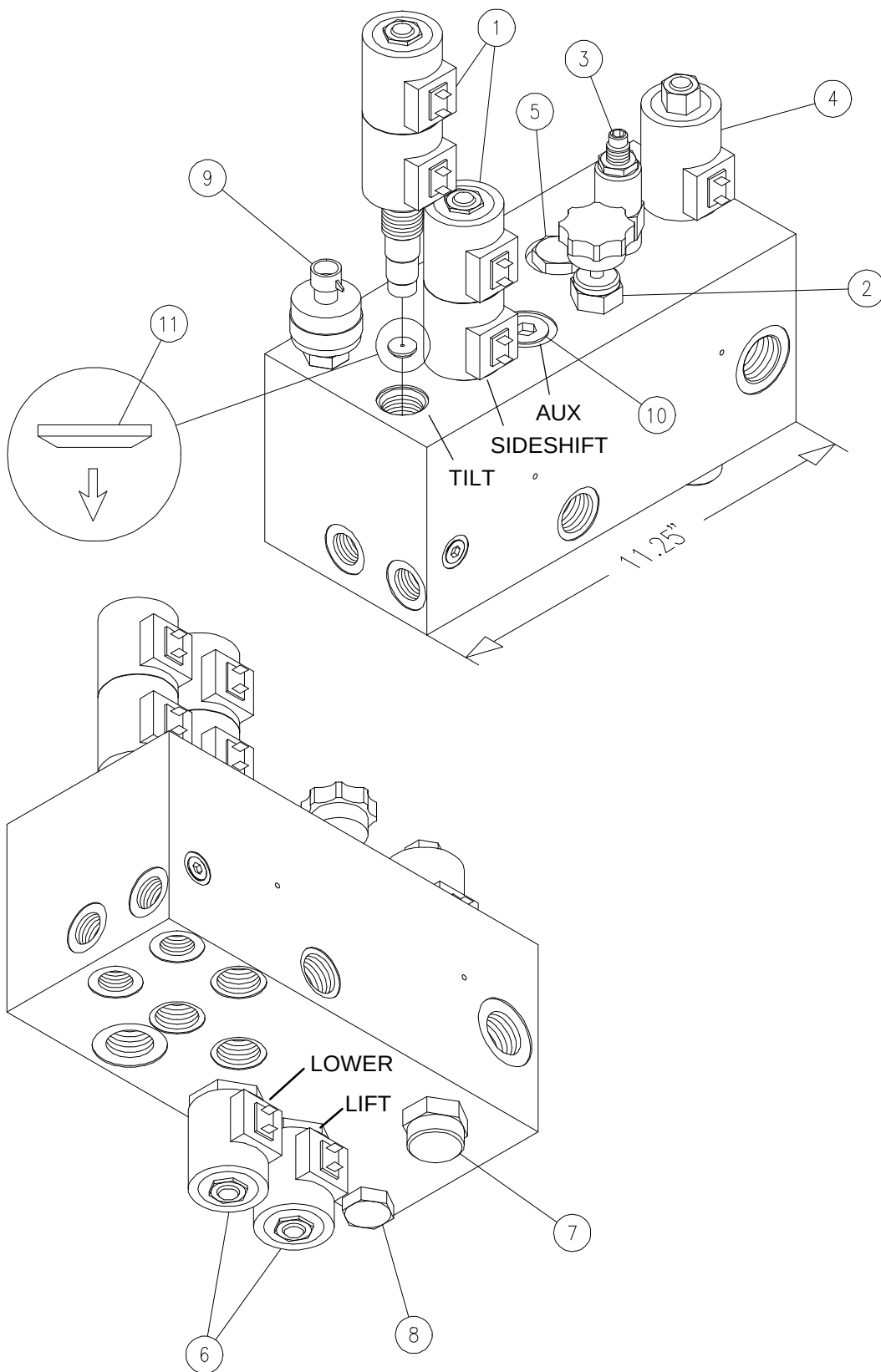
TOYOTA *Electric Stand Up*

Auxiliary Chassis Hydraulics

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10682-71	Tube, 1/2", Manifold - SideShift Right	1	6BNCU15-23
	00593-11280-71	Tube, 1/2", Manifold - Sideshift Right	1	6BNCU25-30, 6BVNCU13
2	00593-11281-71	Tube, 1/2", Manifold - Sideshift Left	1	6BNCU15-23
	00593-11282-71	Tube, 1/2", Manifold - Sideshift Left	1	6BNCU25-30, 6BVNCU13
3	00593-10129-71	Adaptor Union, #8 - #6	2	
4	00593-10035-71	90° Elbow, #8 Straight Thread	1	
5	00593-10121-71	45° Elbow, #8 Straight Thread	1	
6	00593-10005-71	Adaptor, #8 - #6 Straight Thread	2	
7	00593-11078-71	Hose Assembly, #6 x 27"	2	
8	00593-10205-71	90° Bulkhead Union, #6	2	
9	00593-10585-71	Double Relief Valve	1	
10	00593-10159-71	90° Adapter, #8-#6	5	
11	00593-11262-71	Hose, #6 x 14.25"	1	
12	00593-11263-71	Hose, #6 x 11.75"	1	
13	00593-11264-71	Hose, #6 x 12.5"	1	
14	00593-11265-71	Hose, #6 x 14.5"	1	
15	00593-10135-71	Hex Screw, 1/4-20 x 2-1/2"	2	
16	00593-10042-71	Flat Washer, 1/4"	2	
17	00593-10114-71	Nylon Lock Nut, 1/4-20	2	
18	00593-10156-71	45° Adapter, #6 Swivel	1	





TOYOTA Electric Stand Up**Manifold**

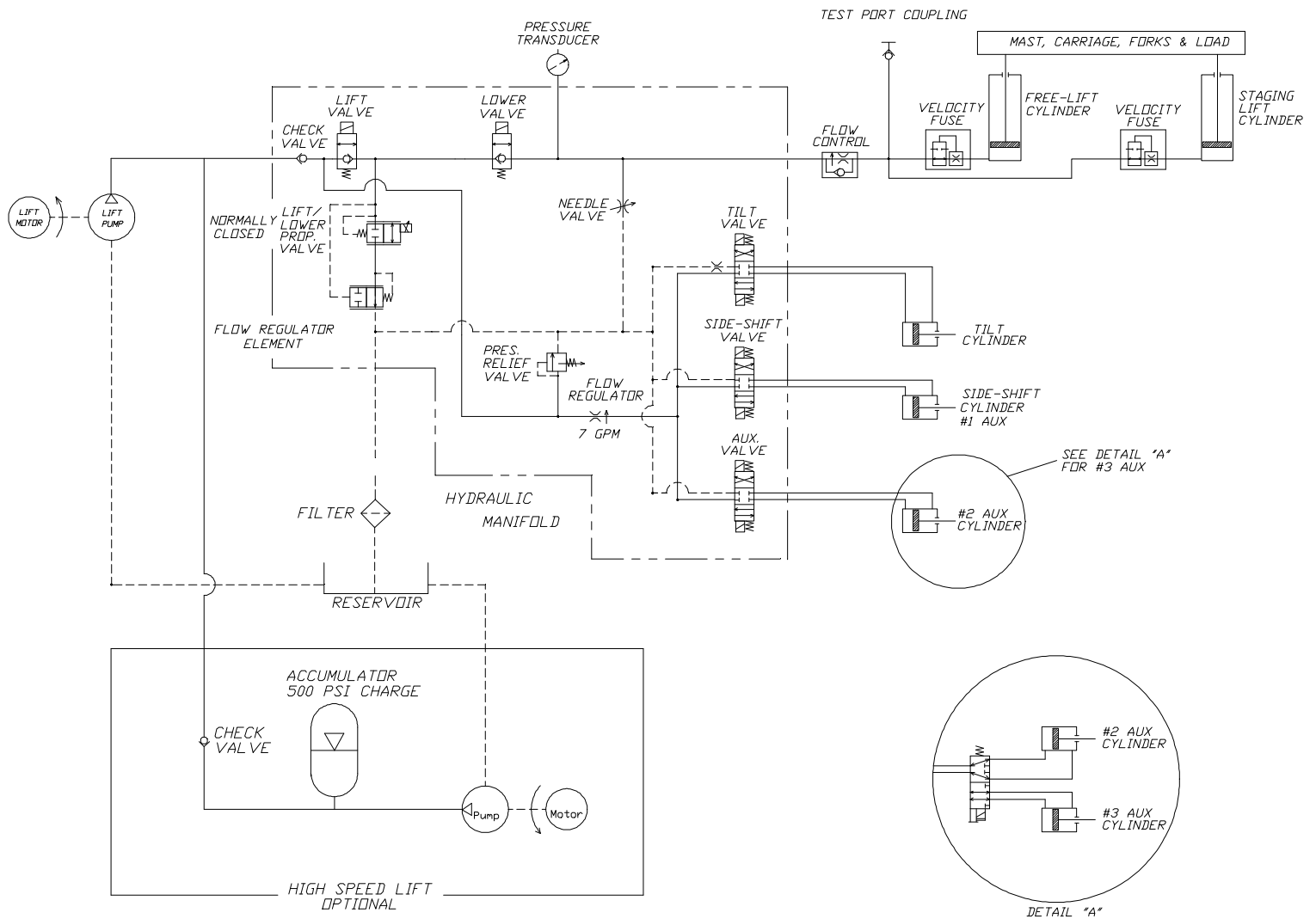
THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10575-71	2-Coil Solenoid Valve Assembly		Includes coils
	00593-10436-71	Coil for Item 1 (2 required)		
2	00593-10581-71	Manual Lowering Valve	1	
	00593-10582-71	Knob for Item 2		
3	00593-10576-71	High Pressure Relief Valve	1	
4	00593-10574-71	Lift/Lower Proportional Valve Assembly	1	Includes coil
	00593-10338-71	Coil for Item 4		
5	00593-10583-71	Flow Regulator, 7.0 GPM	1	
6	00593-10584-71	1-Coil Solenoid Valve Assembly, #12	2	Includes coil
	00593-10436-71	Coil for Item 6		
7	00593-10572-71	Flow Regulator Element	1	
8	00593-10573-71	Check Valve, #12	1	
9	00593-10410-71	Pressure Transducer with Connector	1	
10	00593-10570-71	Cavity Plug		
11	00593-10579-71	Flow Restrictor, 0.093" (Tilt)	1	
12	00593-10587-71	Flow Restrictor, 0.032" (Aux - Turret Rotate)	1	Not Shown - under Aux cartridge
	00593-10580-71	Manifold Assembly (Tilt & Sideshift)		Does not include Item 9

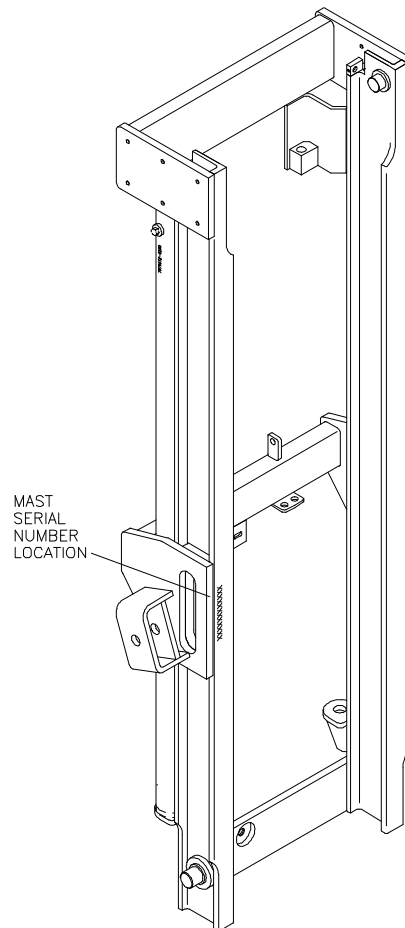
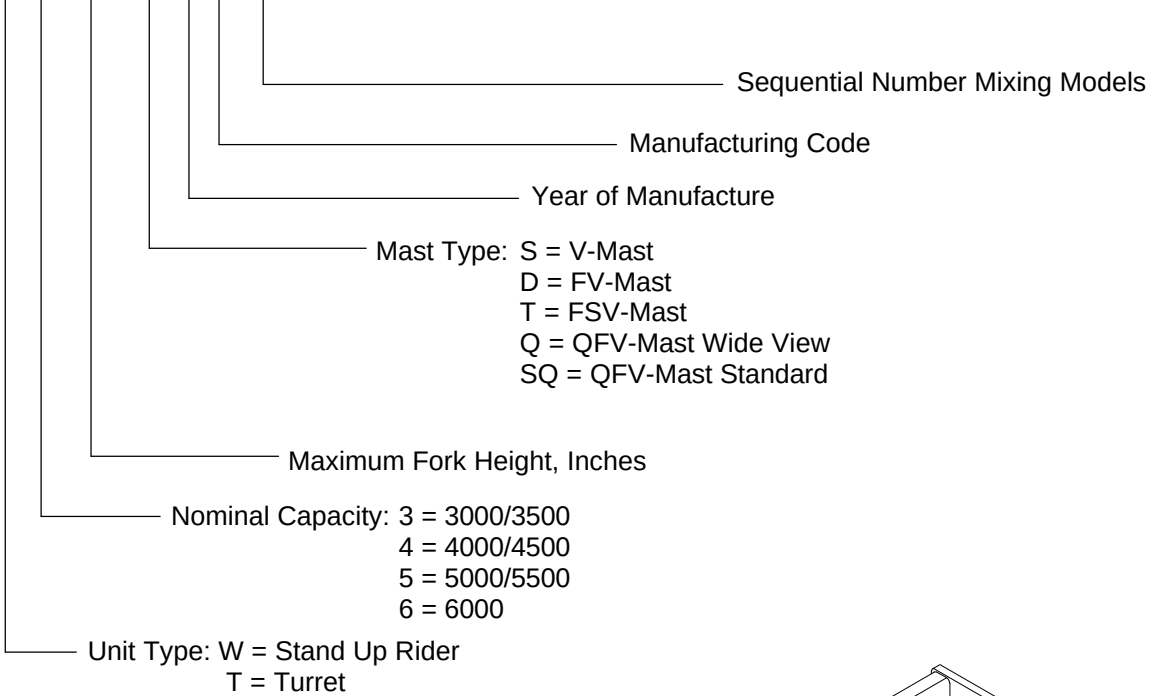
TOYOTA *Electric Stand Up*

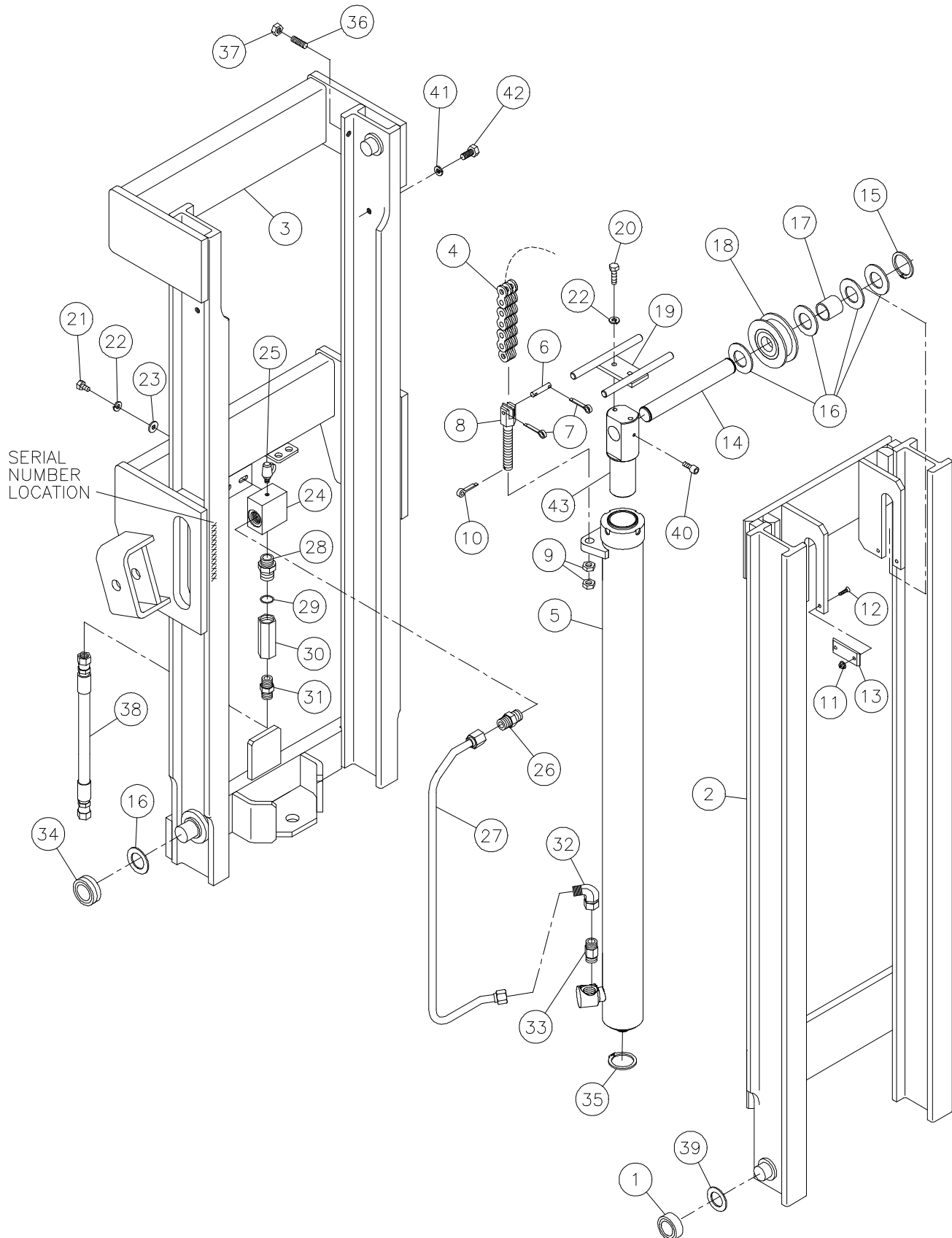
Hydraulic Schematic

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS



W 3 190 T 957001





TOYOTA Electric Stand Up**V-Mast Assembly**

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

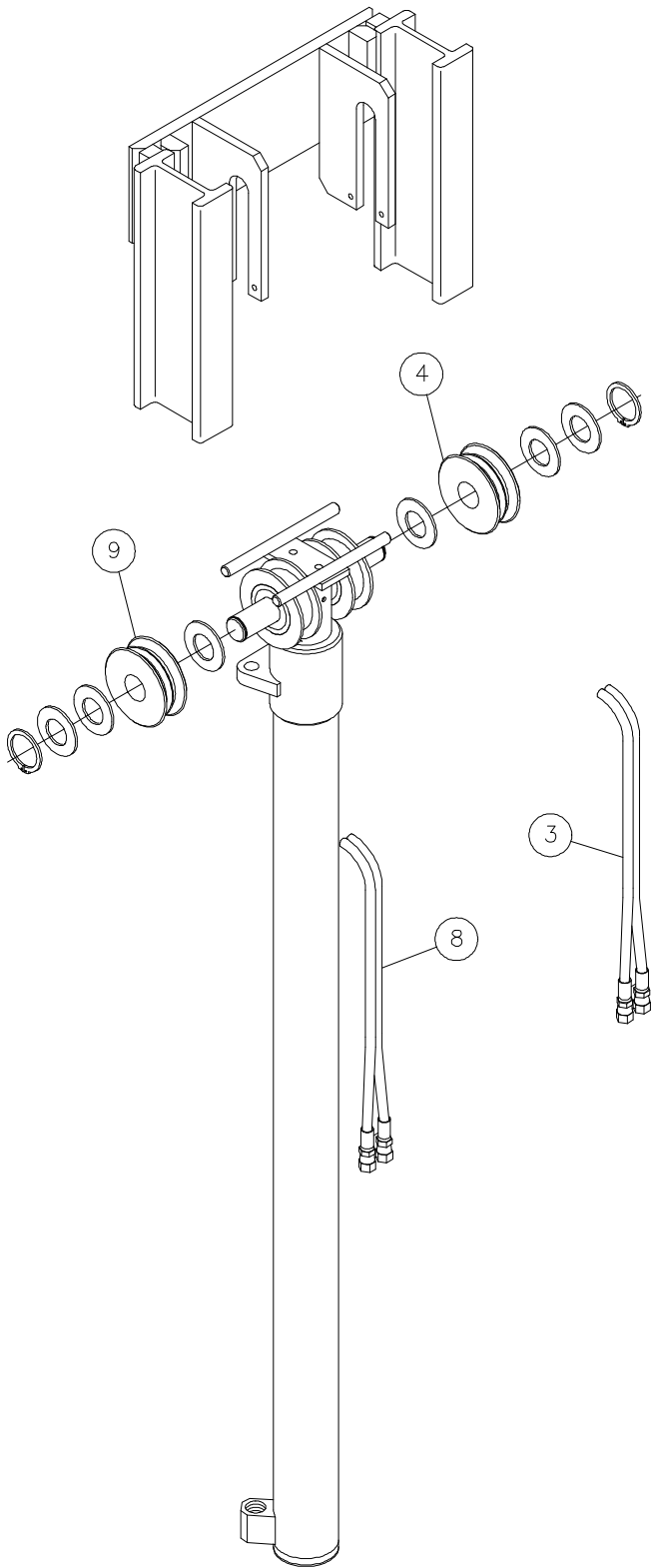
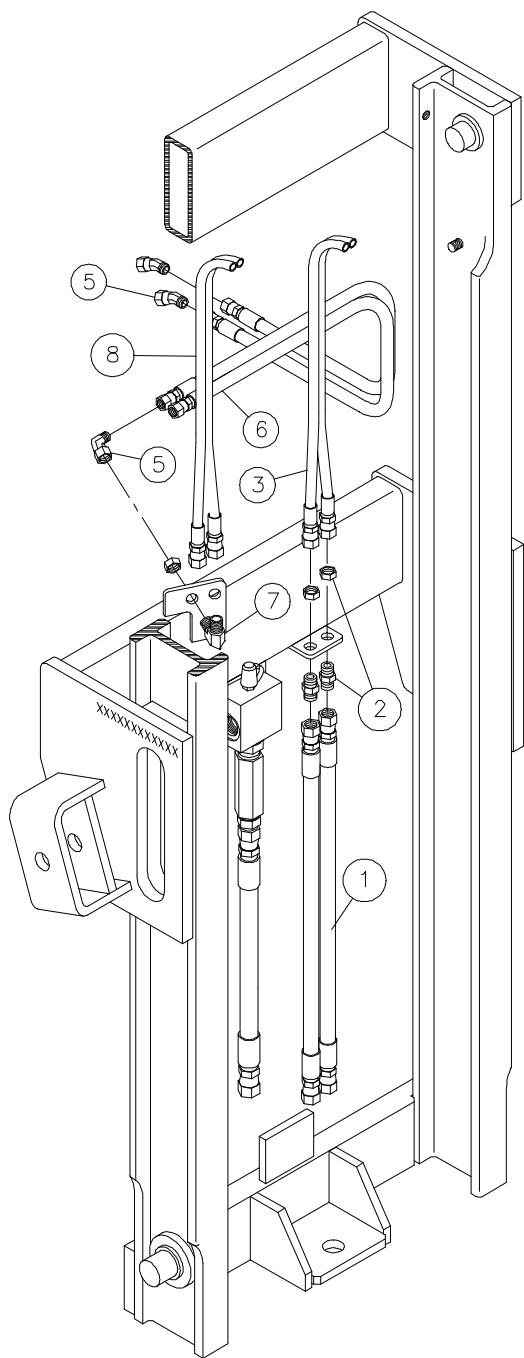
ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10216-71	Mast Bearing	4	6BNCU15-23
	00593-10368-71	Mast Bearing	4	6BNCU25-28
2	*	V-Mast Inner Rail	1	
3	*	V-Mast Outer Rail	1	
4	See Table	V-Mast Chain	2	
5	See Table	V-Mast Center Cylinder	1	
	00593-10633-71	Seal Kit		
	00593-10592-71	Gland		
	00593-10597-71	Bleeder Screw		
	00593-10598-71	Bleeder Gasket		
6	00593-10238-71	Leaf Chain Connector Pin	4	
7	00593-10099-71	Cotter Pin, 3/32" x 3/4"	8	
8	00593-10851-71	Chain Anchor Bolt	2	
9	00593-10098-71	Hex Nut, 3/4-10	4	
10	00593-10076-71	Cotter Pin, 1/8" x 1-1/2"	2	
11	00593-10139-71	Lock Nut, 1/4-20	4	
12	00593-10089-71	Hex Socket Head Cap Screw, 1/4-20	4	
13	00593-10302-71	Lower Stop Plate - Freelifit Guide	2	
14	00593-10770-71	V-Mast Sheave Pin	1	
15	00593-10080-71	Snap Ring, 1-3/8"	2	
16	00593-10124-71	Machine Bushing, 1-1/2" - 18GA	6	As required
17	00593-10773-71	Outer Sheave Spacer	2	
18	00593-10843-71	Chain Sheave Assembly	2	Includes bearings
19	00593-10769-71	V-Mast Chain Guide	1	
20	00593-10093-71	Hex Head Cap Screw, 3/8-16 x 1" Gr5	2	
21	00593-10093-71	Hex Head Cap Screw, 3/8-16 x 1" Gr5	2	
22	00593-10055-71	Lock Washer (Split Type), 3/8"	4	
23	00593-10054-71	Flat Washer, 3/8"	2	
24	00593-10303-71	V-Mast Lift Hydraulic Junction Block	1	
25	00593-10181-71	Pressure Check Port	1	
26	00593-10008-71	Adapter, #12SAE X #12JIC	1	
27	00593-11288-71	Tube, Cylinder - Junction Block, 3/4"	1	
28	00593-10234-71	O-Ring Flare Adapter, #12SAE X #10JIC	1	
29	00593-10010-71	O-Ring, #10	1	
30	00593-10578-71	Lowering Control Valve	1	
31	00593-10006-71	Str. Thread Adapter, #10SAE X #10JIC	1	
32	00593-10154-71	90° Swivel Nut Elbow, #12	1	
33	00593-10549-71	Flow Fuse (25gpm), #12SAE X #12JIC	1	
34	00593-10367-71	Radial Plain Spherical Bearing	2	
35	00593-10078-71	Heavy Duty Snap Ring, 1-1/8"	1	
36	00593-10493-71	Brass Set Screw, 1/2-13 x 1-1/2"	2	
37	00593-10064-71	Hex Jam Nut, 1/2-13	2	
38	00593-10679-71	Hose, Chassis - Mast, #10 x 16-1/2"	1	
39	00593-10845-71	Shim, 0.010" Thick	A/R	
	00593-10846-71	Shim, 0.032" Thick	A/R	
40	00593-10066-71	Socket Head Screw, 1/4-20 x 3/4"	1	
41	00593-10063-71	Lock Washer, 1/2" (Split Type)	2	
42	00593-10107-71	Hex Cap Screw, 1/2-13 x 1-1/4"	2	
43	00593-10591-71	V-Mast Center Cylinder Head	1	

- * Consult factory for availability of mast rails. Provide the following information when inquiring about mast rails:

Truck Model & Serial Number

Mast Serial Number

LOWERED HEIGHT	MAX FORK HEIGHT	ITEM 4	ITEM 5 - CENTER CYLINDER		
		ALL	6BNCU15-18	6BNCU19-23	6BNCU25-28
71"	106 105 104	00593-10854-71	00593-11381-71	00593-11382-71	00593-11383-71
77"	118 117 116	00593-10858-71	00593-11384-71	00593-11385-71	00593-11386-71
83"	130 129 128	00593-10862-71	00593-11387-71	00593-11388-71	00593-11389-71
89"	141 140 139	00593-10866-71	00593-11390-71	00593-11391-71	00593-11392-71
95"	152 151 150	00593-10870-71	00593-11393-71	00593-11394-71	00593-11395-71



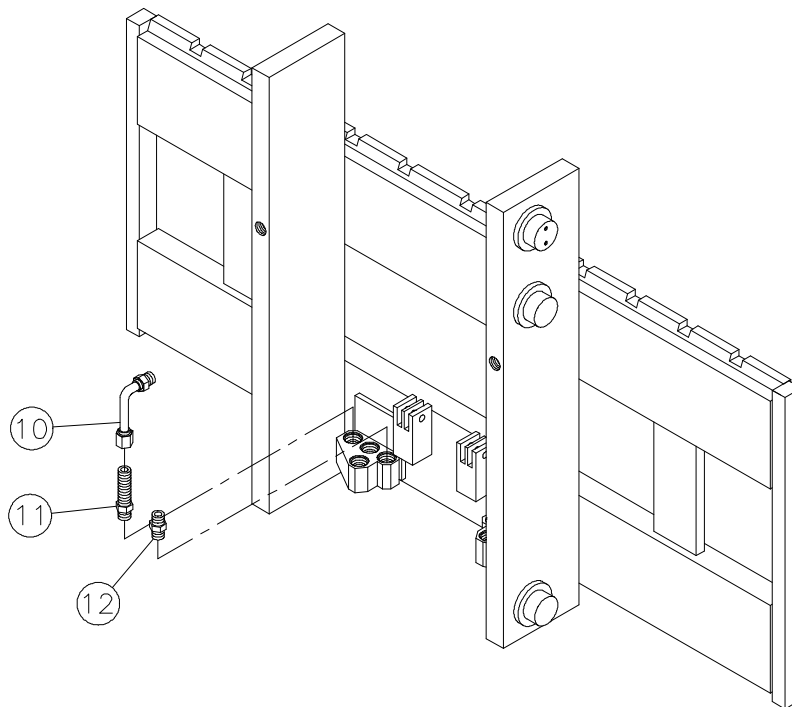
TOYOTA Electric Stand Up

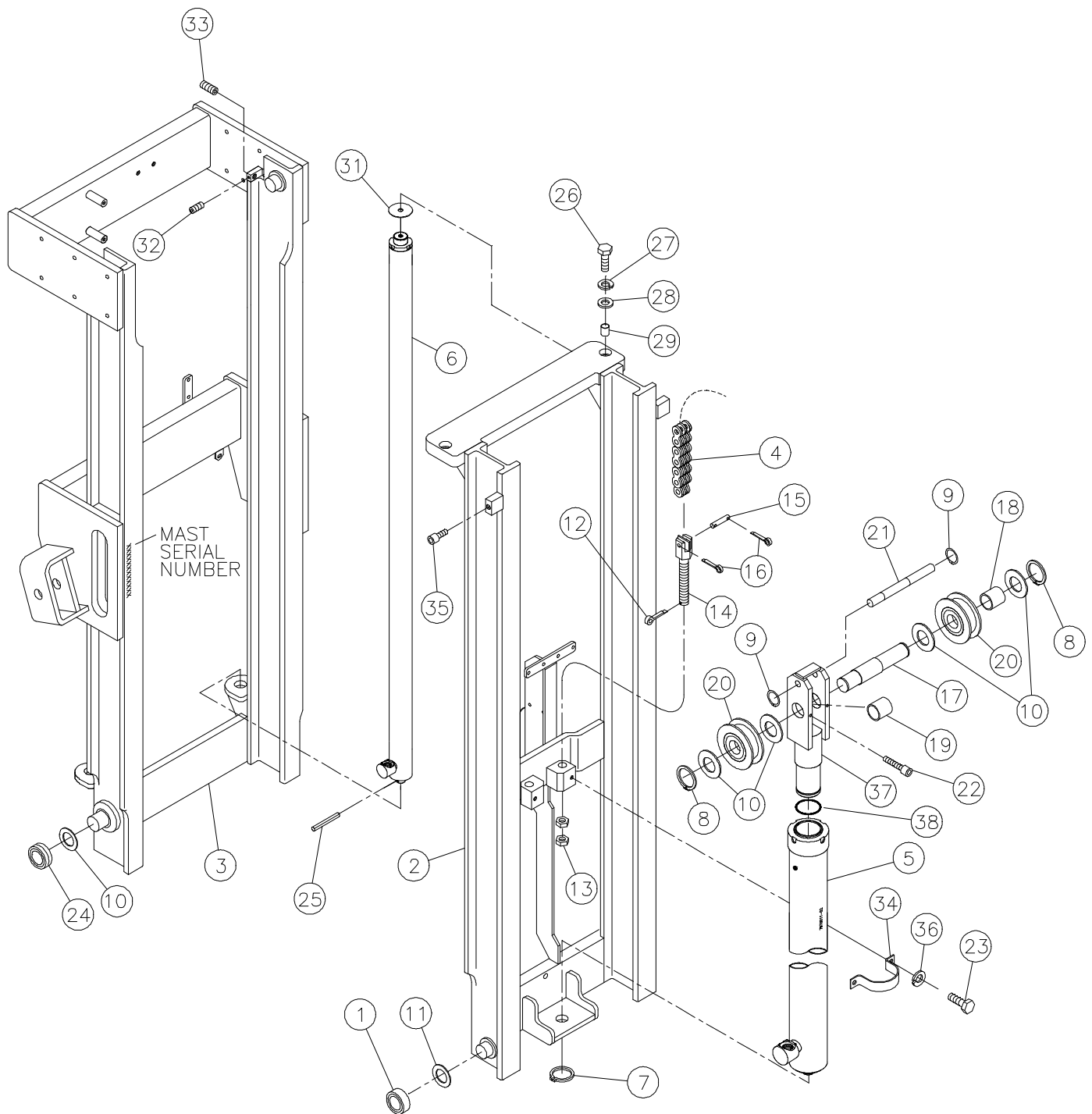
V-Mast Internal Reeving

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28
ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10680-71	Hose Assembly, #6 x 25.5"	2	
2	00593-10131-71	Straight Thread Bulkhead Union, #6	2	
3	See Table	V-Mast First Aux Hose Assy, #6	1	QTY 2 for Freezer Cond.
4	00593-10836-71	Twin Plastic Hose Sheave	1	
5	00593-10156-71	45° Flare Adapter, #6	4	
6	00593-10680-71	Hose Assembly, #6 x 25.5"	2	
7	00593-10205-71	Bulkhead Union Elbow, #6 Flare Adptr	2	
8	See Table	V-Mast Second Aux Hose Assy, #6	1	Qty 2 fpr Freezer Cond.
9	00593-10836-71	Twin Plastic Hose Sheave	1	
10	00593-10228-71	Tube, #6	4	
11	00593-10227-71	Adapter, #6, Extra Long	4	
12	00593-10004-71	Adapter, #6	4	

LWRD HEIGHT	MAX FORK HEIGHT	ITEM 3 - V-MAST FIRST AUX HOSE		ITEM 7 - V-MAST SECOND AUX HOSE	
		Standard	Freezer Cond.	Standard	Freezer Cond.
71"	106 105 104	00593-11107-71	00593-11561-71	00593-11108-71	00593-11566-71
77"	118 117 116	00593-11130-71	00593-11562-71	00593-11131-71	00593-11567-71
83"	130 129 128	00593-11153-71	00593-11563-71	00593-11154-71	00593-11568-71
89"	141 140 139	00593-11176-71	00593-11564-71	00593-11177-71	00593-11569-71
95"	152 151 150	00593-11199-71	00593-11565-71	00593-11200-71	00593-11570-71





TOYOTA Electric Stand Up**FV-Mast Assembly**

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28
 ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10216-71	Mast Bearing	4	6BNCU15-23
	00593-10368-71	Mast Bearing	4	6BNCU25, 28
2	*	FV-Mast Inner Rail	1	
3	*	FV-Mast Outer Rail	1	
4	See Table	FV-Mast Mast Chain	2	
5	See Table	Center Cylinder Assembly	1	
	00593-10633-71	Seal Kit for Center Cyl.		
	00593-10592-71	Gland for Center Cylinder		
	00593-10597-71	Bleeder Screw, Center Cyl		
	00593-10598-71	Bleeder Screw Gasket		
6	See Table	FV-Mast Outer Cylinder	2	
	00593-10634-71	Seal Kit for Outer Cyl.		
	00593-10594-71	Gland for Outer Cyl.		
7	00593-10078-71	Heavy Duty Snap Ring, 1-1/8"	1	
8	00593-10080-71	Snap Ring, 1-3/8"	2	
9	00593-10079-71	Snap Ring, 5/8"	2	
10	00593-10198-71	Machine Bushing, 1-3/8" x 18 GA	5	As Required
11	00593-10846-71	Shim, 0.032"		As Required
	00593-10845-71	Shim, 0.010"		As Required
12	00593-10076-71	Cotter Pin, 1/8" x 1-1/2"	2	
13	00593-10098-71	Hex Nut, 3/4-10	4	
14	00593-10851-71	Chain Anchor Bolt	2	
15	00593-10238-71	Leaf Chain Connector Pin	4	
16	00593-10099-71	Cotter Pin, 3/32" x 3/4"	8	
17	00593-10828-71	FV-Mast Center Cylinder Sheave Pin	1	
18	00593-10773-71	FV-Mast Outer Sheave Spacer	1	
19	00593-10774-71	FV-Mast Center Sheave Spacer	1	
20	00593-10843-71	Chain Sheave Assembly	2	
21	00593-10840-71	Chain/Hose Safety Guide	1	
22	00593-10066-71	Socket Head Screw, 1/4-20 x 3/4"	2	
23	00593-10134-71	Hex Head Screw, 3/8-16 x 5/8"	2	
24	00593-10367-71	Radial Plain Spherical Bearing	2	
25	00593-10162-71	Spiral Type Roll Pin, 1/4" x 2"	2	
26	00593-10060-71	Hex Cap Screw, 1/2-13 x 1-3/4"	2	
27	00593-10063-71	Lock Washer (Split Type), 1/2"	2	
28	00593-10206-71	Flat Washer, 1/2" x 1-1/16" x 13GA	2	
29	00593-10305-71	Spacer Sleeve	2	
31	00593-10847-71	Shim Washer, 0.060"		As Required
	00593-10848-71	Shim Washer, 0.105"		As Required
32	00593-10491-71	Stainless Steel Nylon-tipped Set Screw	2	
33	00593-10490-71	Brass Set Screw	2	
34	00593-10892-71	Cylinder Strap	1	
35	00593-10151-71	Socket Head Screw, 1/2-13 x 1"	2	
36	00593-10055-71	Lock Washer (Split Type), 3/8"	2	
37	00593-10589-71	FV-Mast Center Cylinder Clevis Head	1	
38	00593-10624-71	O-Ring	1	

TOYOTA Electric Stand Up*FV-Mast Assembly*

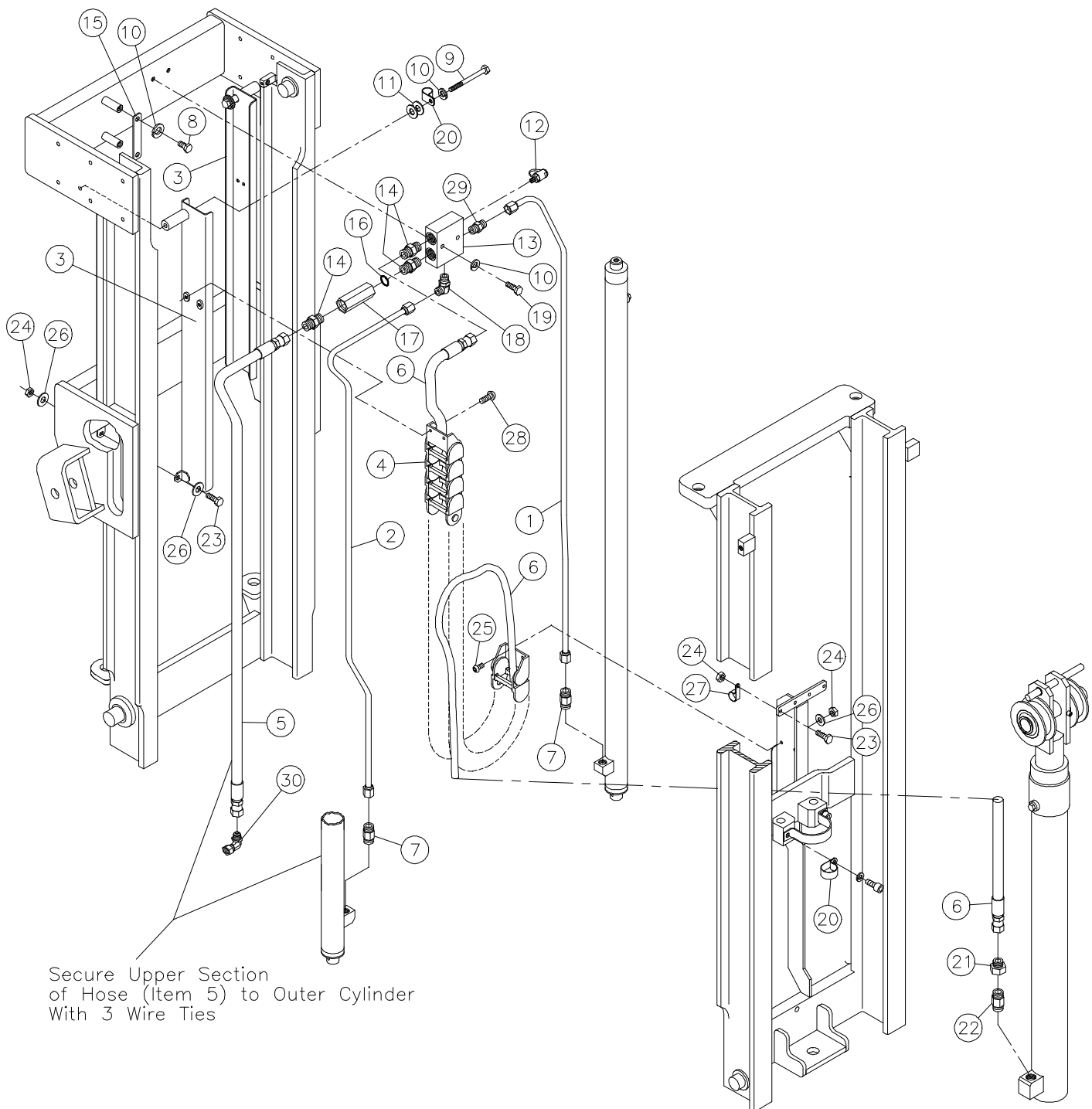
- * Consult factory for availability of mast rails. Provide the following information when inquiring about mast rails:

Truck Model & Serial Number

Mast Serial Number

LOWERED HEIGHT	MAX FORK HEIGHT	Item 6 - FV-MAST OUTER LIFT CYLINDER		
		6BNCU15, 17, 18	6BNCU19, 20, 23	6BNCU25, 28
71"	105 104 103	00593-11366-71	00593-11367-71	00593-11368-71
77"	117 116 115	00593-11369-71	00593-11370-71	00593-11371-71
83"	129 128 127	00593-11372-71	00593-11373-71	00593-11374-71
89"	140 139 138	00593-11375-71	00593-11376-71	00593-11377-71
95"	151 150 149	00593-11378-71	00593-11379-71	00593-11380-71

LOWERED HEIGHT	MAX FORK HEIGHT	Item 4 - FV-MAST MAST CHAIN	Item 5 - FV-MAST CENTER CYLINDER
71"	105 104 103	00593-10855-71	00593-11329-71
77"	117 116 115	00593-10859-71	00593-11330-71
83"	129 128 127	00593-10863-71	00593-11331-71
89"	140 139 138	00593-10867-71	00593-11332-71
95"	151 150 149	00593-10871-71	00593-11333-71



TOYOTA Electric Stand Up**FV-Mast Lift Hydraulics**

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28
 ALL SERIAL NUMBERS

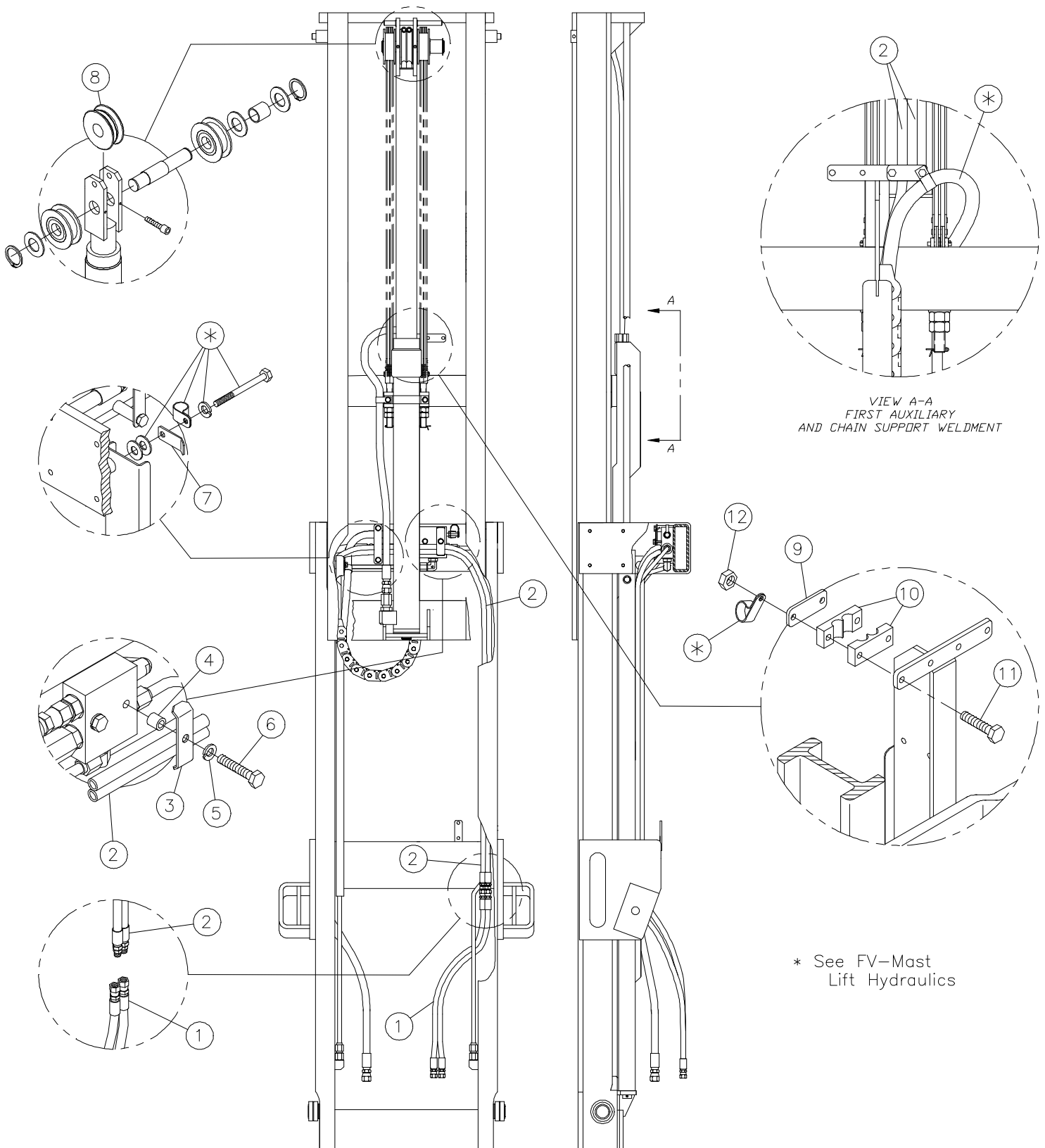
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	See Table	FV-Mast Hydraulic Tube - Left	1	
2	See Table	FV-Mast Hydraulic Tube - Right	1	
3	See Table	FV-Mast Channel	1	
4	See Table	Plastic Reeving Chain	1	
	00593-10776-71	One Link, Plastic Chain		
	00593-10777-71	Mounting Bracket Set, Plastic Chain		
5	See Table	Lift Hose, Chassis - Manifold, #10	1	
6	See Table	Lift Hose, Manifold - Center Cyl, #10	1	
7	00593-10577-71	Flow Fuse (10GPM), #8SAE X #8JIC	2	
8	00593-10134-71	Hex Cap Screw, 3/8-16 x 5/8"	2	
9	00593-10053-71	Hex Cap Screw, 3/8-16 x 4-1/2"	1	
10	00593-10055-71	Lock Washer (Split Type), 3/8"	5	
11	00593-10054-71	Flat Washer, 3/8"	2	
12	00593-10181-71	Pressure Check Port	1	
13	00593-10304-71	FV-Mast Lift Hydraulic Jnct Block	1	
14	00593-10006-71	Str Thread Adapter, #10SAE X #10JIC	3	
15	00593-10812-71	FV-Mast Hose Clamp - Crossbar	1	
16	00593-10010-71	O-Ring, #10	1	
17	00593-10571-71	Lowering Control Valve	1	
18	00593-10196-71	Str Thrd 90° Elbow Flare Adapter	1	
19	00593-10087-71	Hex Cap Screw, 3/8-16 x 2"	2	
20	00593-10101-71	Insulated Loom Clip, 15/16"	2	
21	00593-10018-71	Tube Reducer, #12FJIC - #12MJIC	1	
22	00593-10549-71	Flow Fuse (25GPM), #12SAE X #12JIC	1	
23	00593-10040-71	Hex Cap Screw, 1/4-20 x 1"	2	
24	00593-10114-71	Nylon Lock Nut, 1/4-20	4	
25	00593-10084-71	Socket Btn Hd Screw, 1/4-20 x 1-1/2"	2	
26	00593-10042-71	Flat washer, 1/4"	4	
27	00593-10229-71	Wire Loom Clip, 7/8"	1	
28	00593-10459-71	Skt Btn Hd Screw w/strip, 1/4-20 x 1/2"	2	
29	00593-10016-71	Str Thread Adapter, #10SAE X #8JIC	1	
30	00593-10158-71	Swivel Nut Elbow, #10 Flare Adapter	1	

TOYOTA *Electric Stand Up**FV-Mast Lift Hydraulics*

LOWERED HEIGHT	71"	77"	83"	89"	95"
MAX FORK HEIGHT	105 104 103	117 116 115	129 128 127	140 139 138	151 150 149
Item 1 - Std Width	00593-11289-71	00593-11293-71	00593-11297-71	00593-11301-71	00593-11305-71
Item 1 - Wide	00593-11291-71	00593-11295-71	00593-11299-71	00593-11303-71	00593-11307-71
Item 2 - Std Width	00593-11290-71	00593-11294-71	00593-11298-71	00593-11302-71	00593-11306-71
Item 2 - Wide	00593-11292-71	00593-11296-71	00593-11300-71	00593-11304-71	00593-11308-71
Item 3 - Right	00593-10799-71	00593-10802-71	00593-10804-71	00593-10806-71	00593-10808-71
Item 3 - Left	00593-10798-71	00593-10801-71	00593-10803-71	00593-10805-71	00593-10807-71
Item 4 - Std Width	00593-10782-71	00593-10785-71	00593-10788-71	00593-10790-71	00593-10793-71
Item 4 - Wide	00593-10784-71	00593-10787-71	00593-10789-71	00593-10792-71	00593-10794-71
Item 5 - Std Width	00593-11092-71	00593-11115-71	00593-11138-71	00593-11161-71	00593-11184-71
Item 5 - Wide	00593-11093-71	00593-11116-71	00593-11139-71	00593-11162-71	00593-11185-71
Item 6 - Std Width	00593-11094-71	00593-11117-71	00593-11140-71	00593-11163-71	00593-11186-71
Item 6 - Std Width Freezer	00593-11571-71	00593-11572-71	00593-11573-71	00593-11574-71	00593-11575-71
Item 6 - Wide	00593-11095-71	00593-11118-71	00593-11141-71	00593-11164-71	00593-11187-71
Item 6 - Wide Freezer	00593-11576-71	00593-11577-71	00593-11578-71	00593-11579-71	00593-11580-71

TOYOTA Electric Stand Up

FV-Mast 1st Internal Reeving



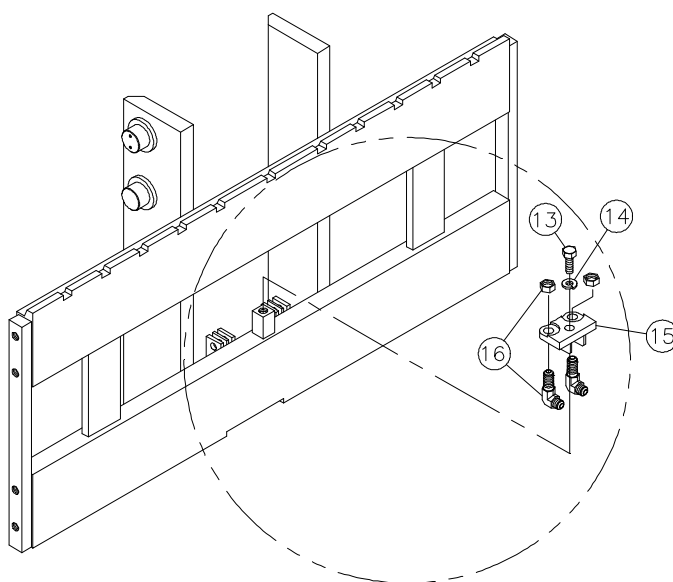
TOYOTA Electric Stand Up

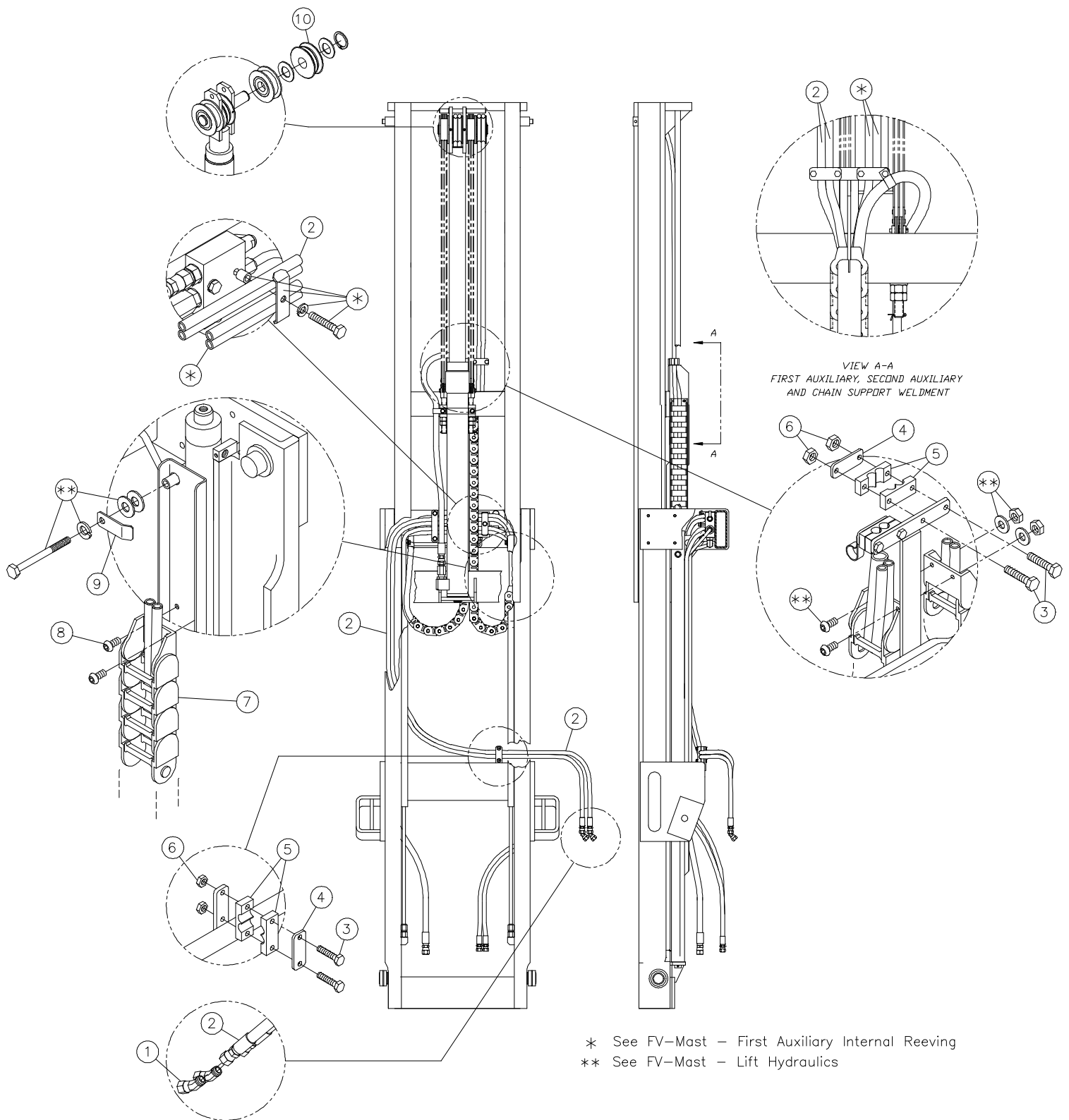
FV-Mast 1st Internal Reeving

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28
ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10680-71	First Aux. Hose Assembly, #6	2	
2	See TABLE	FV-Mast First Aux. Feed Hose	2	
3	00593-10811-71	Hose Clamp, 2 Bends	1	
4	00593-10797-71	Hose Clamp Spacer	1	
5	00593-10055-71	Lock Washer (Split Type), 3/8"	1	
6	00593-10052-71	Hex Cap Screw, 3/8-16 x 2-3/4"	1	
7	00593-10691-71	FV-Mast Hose Clamp	1	
8	00593-10835-71	Double Hose Sheave	1	
9	00593-10813-71	Hose Clamp Plate	1	
10	00593-10814-71	Dual Hose Clamp (Plastic)	2	
11	00593-10041-71	Hex Cap Screw, 1/4-20 x 2"	2	
12	00593-10139-71	Lock Nut (Prevailing Torque), 1/4"	2	
13	00593-10107-71	Hex Cap Screw, 1/2-13 x 1-1/4"	1	
14	00593-10063-71	Lock Washer, 1/2"	1	
15	00593-10315-71	Hose Bracket	1	
16	00593-10205-71	Bulkhead Elbow, #6	2	

Lwr'd Height	Max Fork Height	ITEM 2 - FV-Mast First Aux. Feed Hose			
		Standard Width		Wide Track	
		Standard	Freezer Cond.	Standard	Freezer Cond.
71"	105 104 103	00593-11096-71	00593-11581-71	00593-11097-71	00593-11586-71
77"	117 116 115	00593-11119-71	00593-11582-71	00593-11120-71	00593-11587-71
83"	129 128 127	00593-11142-71	00593-11583-71	00593-11143-71	00593-11588-71
89"	140 139 138	00593-11165-71	00593-11584-71	00593-11166-71	00593-11589-71
95"	151 150 149	00593-11188-71	00593-11585-71	00593-11189-71	00593-11590-71



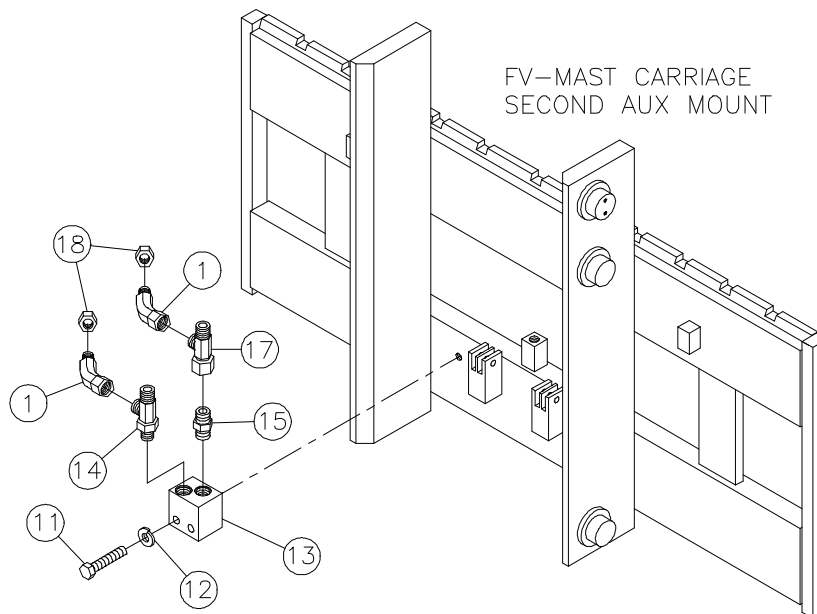


TOYOTA *Electric Stand Up*

FV-Mast 2nd Internal Reeving

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10156-71	45° Swivel Nut Elbow Flare Adapter	4	
2	See TABLE	FV-Mast Second Aux. Feed Hose	2	
3	00593-10041-71	Hex Cap Screw, 1/4-20 x 2"	4	
4	00593-10813-71	Hose Clamp Plate	2	
5	00593-10814-71	Dual Hose Clamp (Plastic)	4	
6	00593-10139-71	Lock Nut (Prevailing Torque), 1/4"	4	
7	See TABLE	Plastic Reeving Chain	1	
	00593-10776-71	Individual Link - Plastic Chain		
	00593-10777-71	Bracket Set - Plastic Chain		
8	00593-10459-71	Hex Skt Btn Hd Scr, 1/4-20 x 1/2"	2	
9	00593-10691-71	FV-Mast Hose Clamp	1	
10	00593-10836-71	FV-Mast Side Hose Sheave	1	See 7.02.01 for spacers
11	00593-10051-71	Hex Cap Screw, 3/8-16 x 2-1/2"	2	
12	00593-10055-71	Lock Washer, 3/8"	2	
13	00593-10957-71	Second Aux. Hyd. Holding Device	1	
14	00593-10160-71	Straight Thread Run Tee	1	
15	00593-10004-71	Adapter, #6	1	
17	00593-10164-71	Tee, Swivel Nut	1	
18	00593-10161-71	Cap	2	

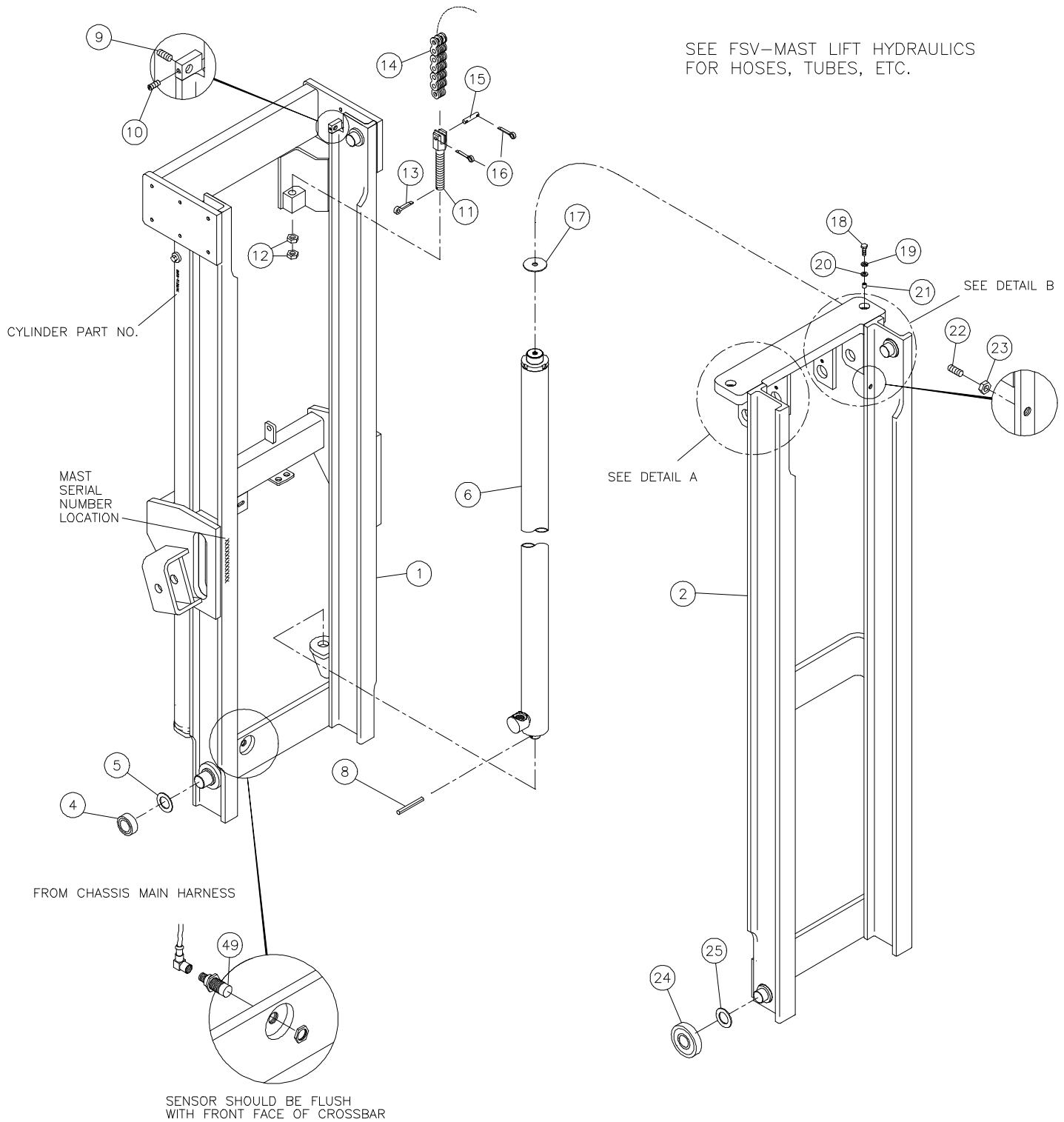


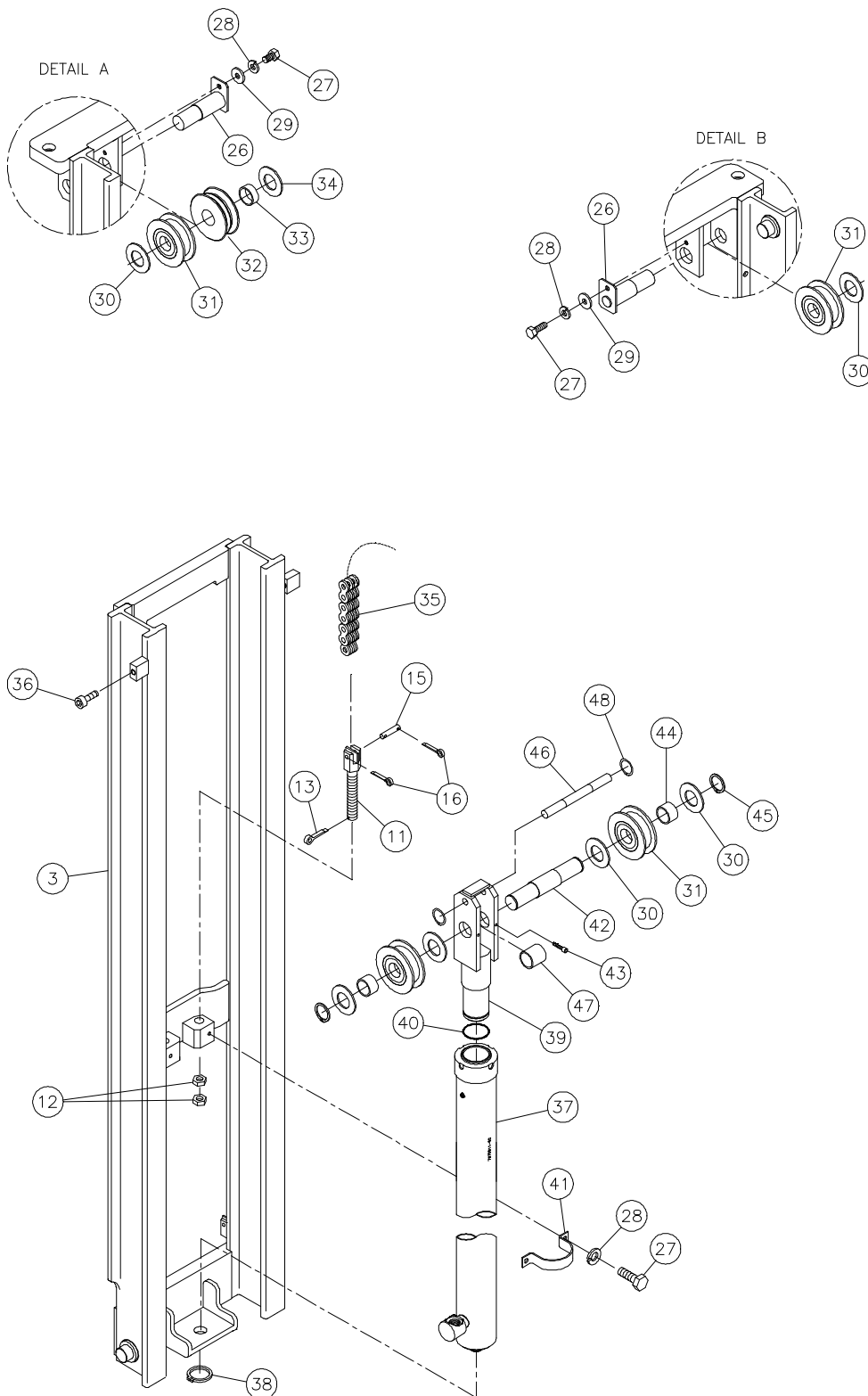
LOWERED HEIGHT	MAX FORK HEIGHT	ITEM 2 - FV-Mast 2nd Aux. Feed Hose			
		Standard Width Mast		Wide Track Mast	
		Standard	Freezer Cond.	Standard	Freezer Cond.
71"	105 104 103	00593-11098-71	00593-11591-71	00593-11099-71	00593-11596-71
77"	117 116 115	00593-11121-71	00593-11592-71	00593-11122-71	00593-11597-71
83"	129 128 127	00593-11144-71	00593-11593-71	00593-11145-71	00593-11598-71
89"	140 139 138	00593-11167-71	00593-11594-71	00593-11168-71	00593-11599-71
95"	151 150 149	00593-11190-71	00593-11595-71	00593-11191-71	00593-11600-71

LOWERED HEIGHT	MAX FORK HEIGHT	ITEM 7 - Plastic Reeving Chain	
		Std Width Mast	Wide Track Mast
71"	105 104 103	00593-10778-71	00593-10780-71
77"	117 116 115	00593-10781-71	00593-10783-71
83"	129 128 127	00593-10784-71	00593-10786-71
89"	140 139 138	00593-10788-71	00593-10789-71
95"	151 150 149	00593-10790-71	00593-10791-71

TOYOTA Electric Stand Up

FSV-Mast Mast Assembly





TOYOTA Electric Stand Up**FSV-Mast Mast Assembly**

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30
 ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	*	Outer Rail	1	
2	*	Middle Rail	1	
3	*	Inner Rail	1	
4	00593-10367-71	Spherical Bearing, 1.5" ID	2	
5	00593-10124-71	Machine Bushing, 1.5" x 14 Ga.	2	
6	See Table	FSV-Mast Outer Cylinder	2	
	00593-10635-71	Seal Kit for FSV-Mast Outer Cyl.		
	00593-10593-71	Gland for FSV-Mast Outer Cyl.		
8	00593-10162-71	Spiral Roll Pin, 1/4" x 2"	2	
9	00593-10490-71	Brass Set Screw, 1/2-13 x 3/4"	2	
10	00593-10491-71	Nylon Tip SS Set Screw, 1/4-20 x 1/4"	2	
11	00593-10851-71	Chain Anchor Bolt	4	
12	00593-10098-71	Hex Nut, 3/4-10	8	
13	00593-10076-71	Cotter Pin, 1/8" x 1-1/2"	4	
14	See Table	FSV-Mast Outer Chain	2	
15	00593-10238-71	Leaf Chain Connector Pin	8	
16	00593-10099-71	Cotter Pin, 3/32" x 3/4"	16	
17	00593-10848-71	Shim Washer, 0.105" Thick	A/R	
	00593-10847-71	Shim Washer, 0.060" Thick	A/R	
18	00593-10060-71	Hex Cap Screw, 1/2-13 x 1-3/4"	2	
19	00593-10063-71	Lock Washer, 1/2"	2	
20	00593-10206-71	Flat Washer, 1/2ID x 1-1/16OD, 13 Ga.	2	
21	00593-10849-71	Spacer Sleeve	2	
22	00593-10493-71	Brass Set Screw, 1/2-13 x 1-1/2"	2	
23	00593-10064-71	Jam Nut, 1/2-13	2	
24	00593-10216-71	Mast Bearing	8	6BNCU15-23
	00593-10368-71	Mast Bearing	8	6BNCU25-30
25	00593-10845-71	Shim, 0.010" Thick	A/R	
	00593-10846-71	Shim, 0.032" Thick	A/R	
26	00593-10832-71	Sheave Pin, FSV-Mast Long	2	
27	00593-10134-71	Hex Cap Screw, 3/8-16 x 5/8"	4	
28	00593-10055-71	Lock Washer, 3/8"	4	
29	00593-10054-71	Flat Washer, 3/8"	2	
30	00593-10198-71	Machine Bushing, 1-3/8" x 18 Ga.	A/R	
31	00593-10843-71	Chain Sheave Assembly with bearings	4	
32	00593-10835-71	Hose Sheave, Double, 1.5"	1	
33	00593-10775-71	FSV-Mast Outer Sheave Spacer	1	
34	00593-10124-71	Machine Bushing, 1-1/2" x 14 Ga.	1	
35	See Table	FSV-Mast Center Chain	2	
36	00593-10151-71	Socket Head Screw, 1/2-13 x 1"	2	Not used on 6BNCU30
37	See Table	Center Cylinder	1	
	00593-10633-71	Seal Kit for Center Cylinder		
	00593-10592-71	Gland for Center Cylinder		
	00593-10597-71	Bleeder Screw, Center Cyl		
	00593-10598-71	Bleeder Screw Gasket		
38	00593-10078-71	Heavy-Duty Snap Ring, 1-1/8"	1	
39	00593-10589-71	Center Cylinder Clevis Head	1	
40	00593-10624-71	O-Ring	1	

TOYOTA Electric Stand Up

FSV-Mast Mast Assembly

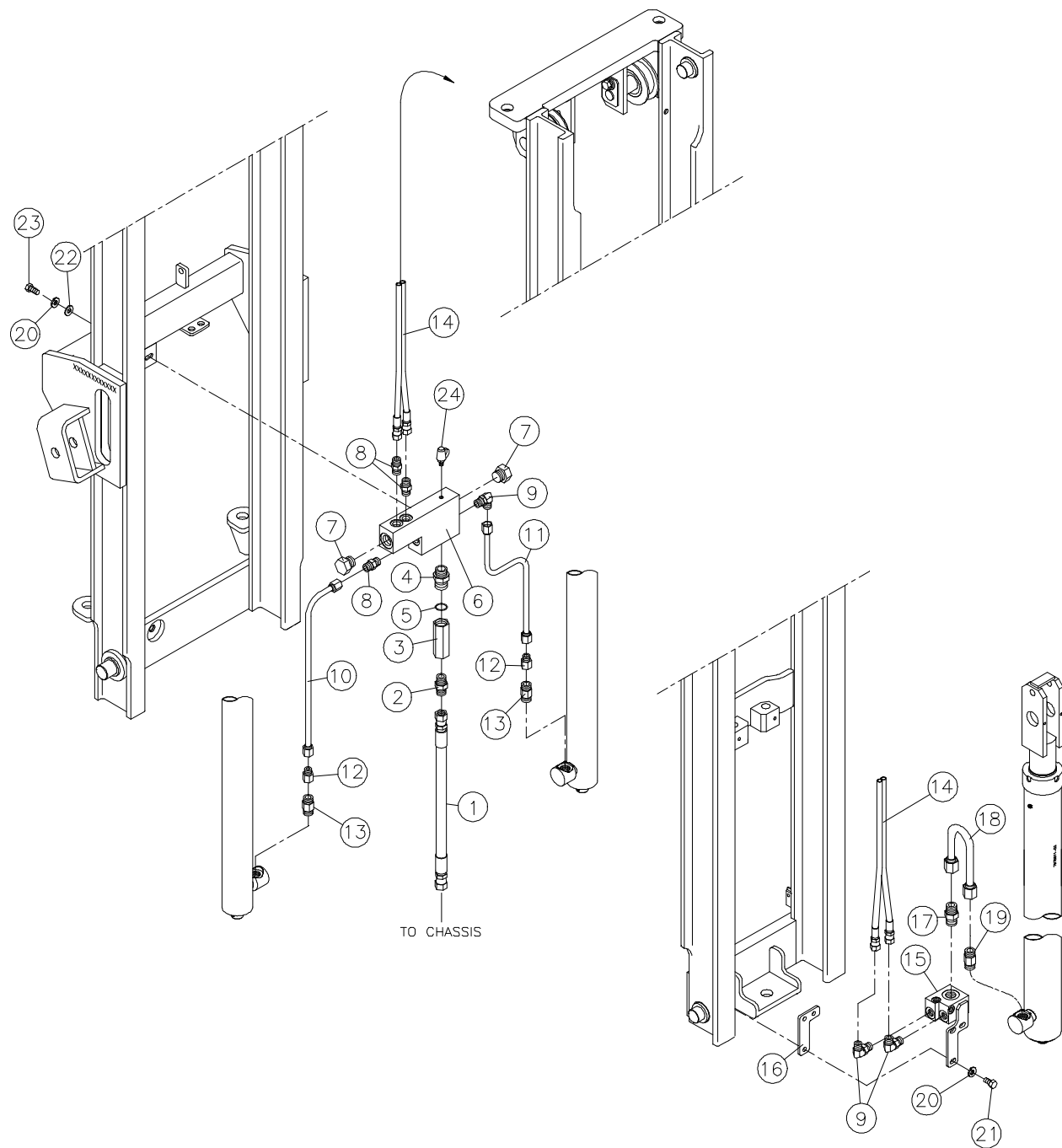
ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
41	00593-10892-71	Cylinder Strap	1	
42	00593-10829-71	Center Cylinder Sheave Pin, 8.25"	1	
43	00593-10066-71	Socket Head Screw, 1/4-20 x 3/4"	2	
44	00593-10772-71	Sheave Spacer	2	
45	00593-10080-71	Snap Ring, 1-3/8"	2	
46	00593-10841-71	Chain/Hose Safety Guide, 7.88"	1	
47	00593-10774-71	Center Sheave Spacer	1	
48	00593-10079-71	Snap Ring, 5/8"	2	
49	00593-10409-71	Proximity Sensor	1	

LWRD HT	MAX FORK HEIGHT	Item 14 Outer Chain	Item 35 Center Chain	Item 37 - Center Cylinder	
				6BNCU15-28	6BNCU30
71"	154 152 150 146	00593-10854-71	00593-10855-71	00593-11329-71	00593-11492-71
77"	172 170 168 164	00593-10858-71	00593-10859-71	00593-11330-71	00593-11493-71
83"	190 188 186 182	00593-10862-71	00593-10863-71	00593-11331-71	00593-11494-71
89"	206 204 202 198	00593-10866-71	00593-10867-71	00593-11332-71	00593-11495-71
95"	220 218 216 212	00593-10870-71	00593-10871-71	00593-11333-71	00593-11496-71
101"	234 232 230 226	00593-10874-71	00593-10875-71	00593-11334-71	00593-11497-71
107"	246 244 242 238	00593-10877-71	00593-10878-71	00593-11335-71	00593-11498-71
113"	258 256 254 250	00593-10880-71	00593-10881-71	00593-11336-71	00593-11499-71
119"	268 266	00593-10883-71	00593-10884-71	00593-11337-71	
125"	284	00593-10886-71	00593-10887-71	00593-11338-71	

LWRD HT	MAX FORK HEIGHT	Item 6 - FSV-MAST OUTER LIFT CYLINDERS		
		6BNCU15-18	6BNCU19-23	6BNCU25-30
71"	154 152 150 146	00593-11339-71	00593-11340-71	00593-11341-71
77"	172 170 168 164	00593-11342-71	00593-11343-71	00593-11344-71
83"	190 188 186 182	00593-11345-71	00593-11346-71	00593-11347-71
89"	206 204 202 198	00593-11348-71	00593-11349-71	00593-11350-71
95"	220 218 216 212	00593-11351-71	00593-11352-71	00593-11353-71
101"	234 232 230 226	00593-11354-71	00593-11355-71	00593-11356-71
107"	246 244 242 238	00593-11357-71	00593-11358-71	00593-11359-71
113"	258 256 254 250	00593-11360-71	00593-11361-71	00593-11362-71
119"	268 266		00593-11363-71	00593-11364-71
125"	284			00593-11365-71

* Consult factory for availability of mast rails. Provide the following information when inquiring about mast rails:

Truck Model & Serial Number
Mast Serial Number



TOYOTA Electric Stand Up

FSV-Mast Lift Hydraulics

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30
ALL SERIAL NUMBERS

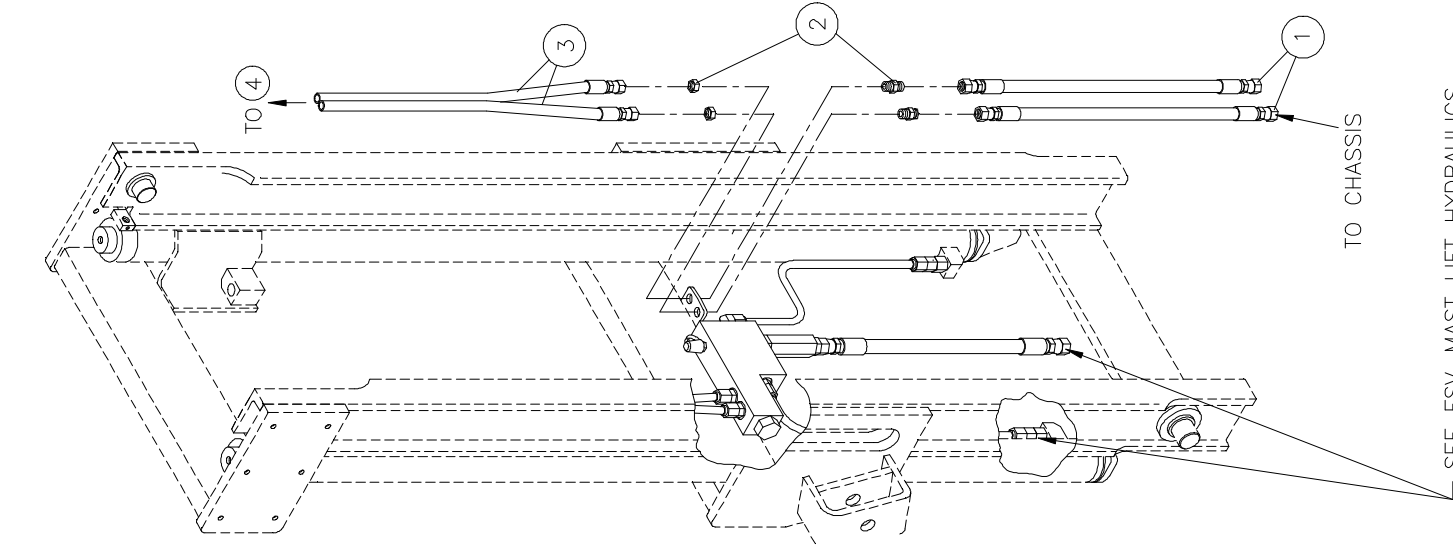
ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10679-71	Hose Assembly, #10x 16.5"	1	
2	00593-10006-71	Straight Adapter, #10SAE X #10JIC	1	
3	00593-10578-71	Lowering Control Valve	1	
4	00593-10234-71	O-Ring Flare Adapter, #12SAE X #10JIC	1	
5	00593-10010-71	O-Ring, #10	1	
6	See Table A	Main Hydraulic Distributor Block	1	
7	00593-10023-71	Hex Head Plug, 1-1/16-12	2	
8	00593-10120-71	Straight Thread Adapter, #8SAE X #8JIC	3	
9	00593-10035-71	90° Elbow Adapter, #8SAE X #8JIC	3	
10	See Table A	Right Cylinder Tube	1	
11	See Table A	Left Cylinder Tube	1	
12	00593-10177-71	Reducer, #10JIC Female X #8JIC Male	2	
13	00593-10200-71	Flow Fuse (15gpm), #10SAE X #10JIC	2	
14	See Table B	Center Cylinder Feed Hose	1	QTY 2 for Freezer Cond.
15	See Table A	Center Cylinder Distributor Block	1	
16	00593-10823-71	Spacer Plate	1	
17	00593-10008-71	Adapter, #12SAE X #12JIC	1	
18	00593-11273-71	Center Cylinder Tube, Type 'N'Cyl.	1	
19	00593-10549-71	Flow Fuse (25gpm), #12SAE X #12JIC	1	
20	00593-10055-71	Lock Washer (Split Type), 3/8"	5	
21	00593-10050-71	Hex Cap Screw, 3/8-16 x 1-1/4"	3	
22	00593-10054-71	Flat Washer, 3/8"	2	
23	00593-10049-71	Hex Cap Screw, 3/8-16 x 1"	2	
24	00593-10181-71	Pressure Check Fitting	1	

TABLE A	Standard Width		Wide	
	6BNCU15-23	6BNCU25-30	6BNCU15-23	6BNCU25-30
ITEM 6 - Main Hyd. Dist.	00593-10888-71	00593-10890-71	00593-10889-71	00593-10891-71
ITEM 15 - Center Cyl. Dist.	00593-10825-71	00593-10824-71	00593-10826-71	00593-10827-71
ITEM 10 - Right Tube	00593-11271-71		00593-11271-71	
ITEM 11 - Left Tube	00593-11269-71		00593-11270-71	

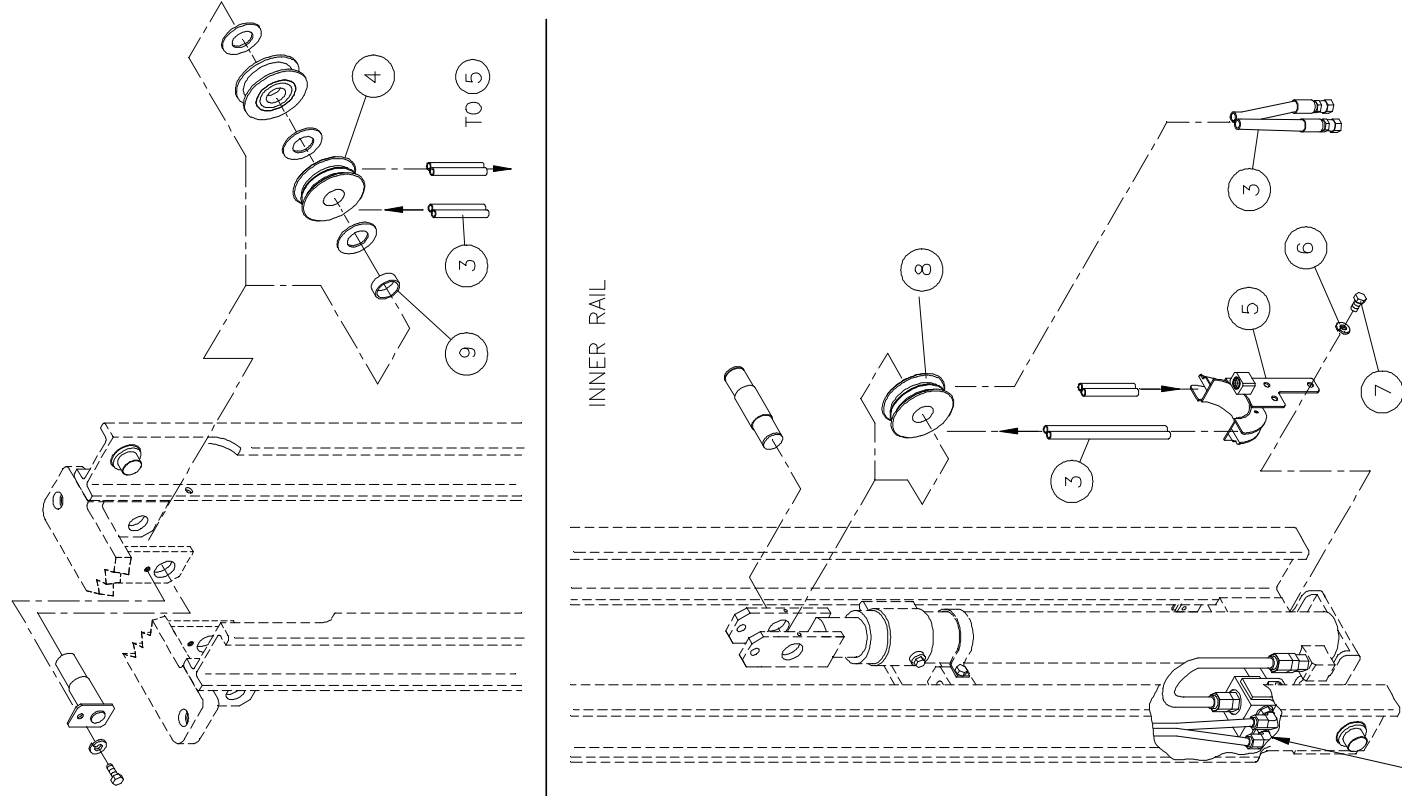
TABLE B		Item 14 - Center Cylinder Feed Hose	
Lowered Height	Max Fork Height	Standard (Twin Line Hose)	Freezer Conditioning (Single Line Hose)
71"	154 152 150	00593-11087-71	00593-11601-71
77"	172 170 168	00593-11110-71	00593-11602-71
83"	190 188 186	00593-11133-71	00593-11603-71
89"	206 204 202	00593-11156-71	00593-11604-71
95"	220 218 216	00593-11179-71	00593-11605-71
101"	234 232 230	00593-11202-71	00593-11606-71
107"	246 244 242	00593-11218-71	00593-11607-71
113"	258 256 254	00593-11230-71	00593-11608-71
119"	268 266	00593-11242-71	00593-11609-71
125"	284	00593-11253-71	00593-11610-71

OUTER RAIL

MIDDLE RAIL



SEE FSV-MAST LIFT HYDRAULICS
FOR ALL RELATED CONNECTIONS



SEE FSV-MAST LIFT HYDRAULICS
FOR ALL RELATED CONNECTIONS

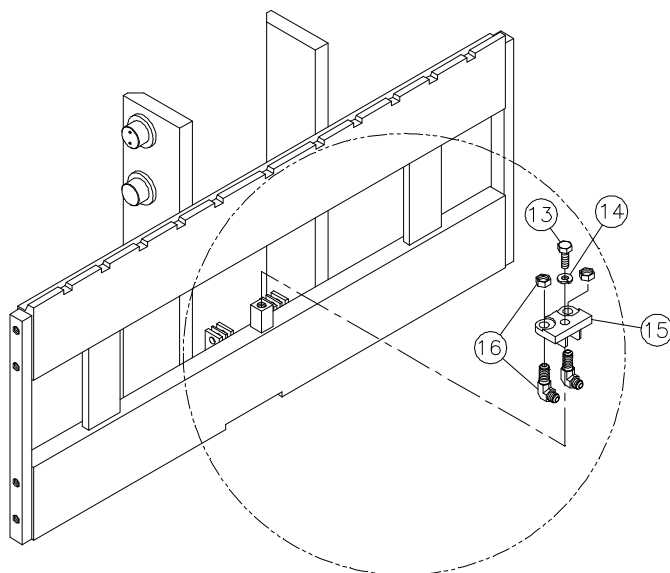
TOYOTA Electric Stand Up

FSV-Mast 1st Internal Reeving

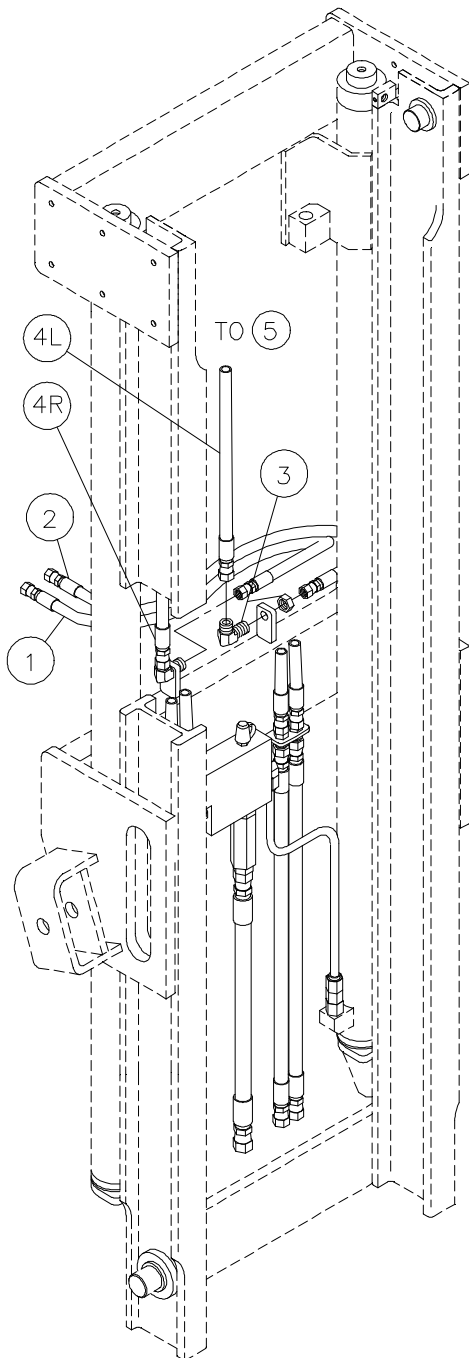
THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30
ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10680-71	Hose assembly, #6 x 25.5"	2	
2	00593-10131-71	Bulkhead Union, #6	2	
3	See Table	First Aux Feed Hose	2	
4	00593-10835-71	Hose Sheave, #6 Twin Line	1	
5	00593-10953-71	Auxiliary Hose Guide Standard Width	1	6BNCU15-23
	00593-10955-71	Auxiliary Hose Guide Standard Width	1	6BNCU25-30
	00593-10954-71	Auxiliary Hose Guide Wide Track	1	6BNCU15-23
	00593-10956-71	Auxiliary Hose Guide Wide Track	1	6BNCU25-30
6	00593-10055-71	Lock Washer (Split Type), 3/8"	3	
7	00593-10093-71	Hex Head Cap Screw, 3/8-16x 1"	3	
8	00593-10835-71	Hose Sheave, #6 Twin Line	1	
9	00593-10775-71	Sheave Spacer	1	
13	00593-10107-71	Hex cap Screw, 1/2-13 x 1-1/4"	1	
14	00593-10063-71	Lock Washer, 1/2"	1	
15	00593-10315-71	Hose Bracket	1	
16	00593-10205-71	90° Bulkhead Elbow	2	

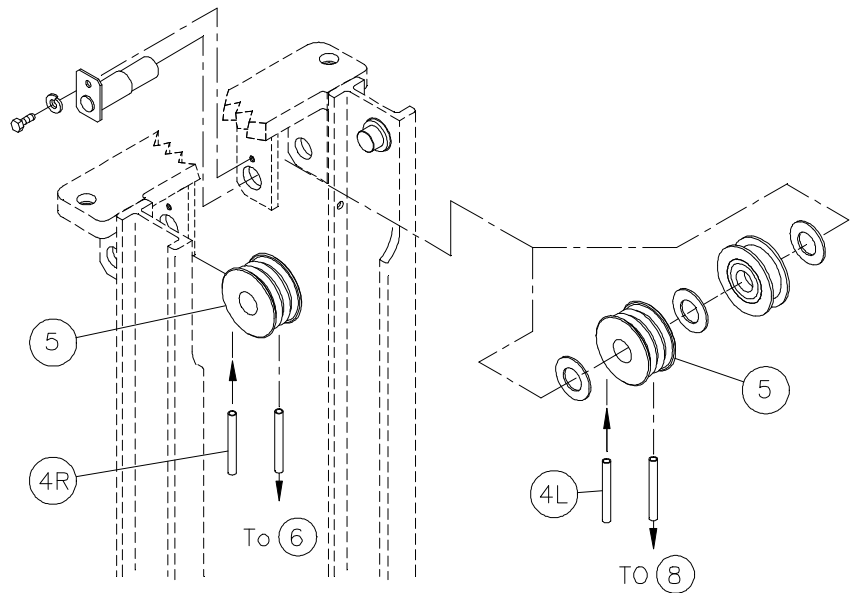
Lowered Height	Max Fork Height	Item 3 - First Aux Feed Hose	
		Standard	Freezer Conditioning
71"	154 152 150	00593-11088-71	00593-11611-71
77"	172 170 168	00593-11111-71	00593-11612-71
83"	190 188 186	00593-11134-71	00593-11613-71
89"	206 204 202	00593-11157-71	00593-11614-71
95"	220 218 216	00593-11180-71	00593-11615-71
101"	234 232 230	00593-11203-71	00593-11616-71
107"	246 244 242	00593-11219-71	00593-11617-71
113"	258 256 254	00593-11231-71	00593-11618-71
119"	268 266	00593-11243-71	00593-11619-71
125"	284	00593-11254-71	00593-11620-71



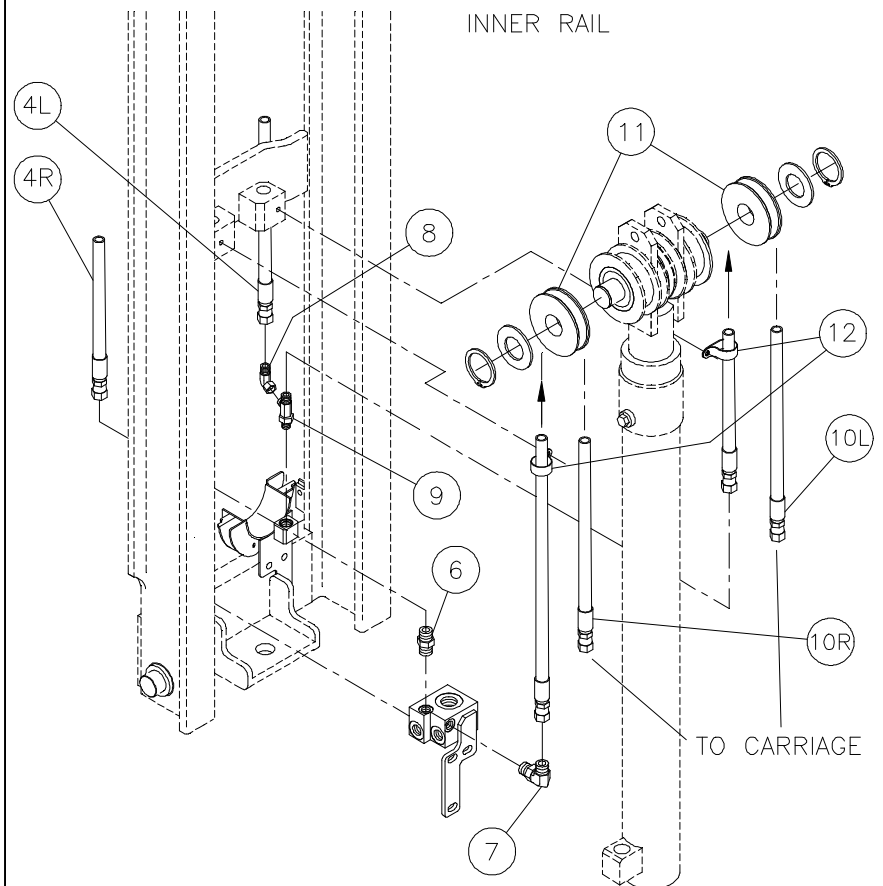
OUTER RAIL



MIDDLE RAIL



INNER RAIL

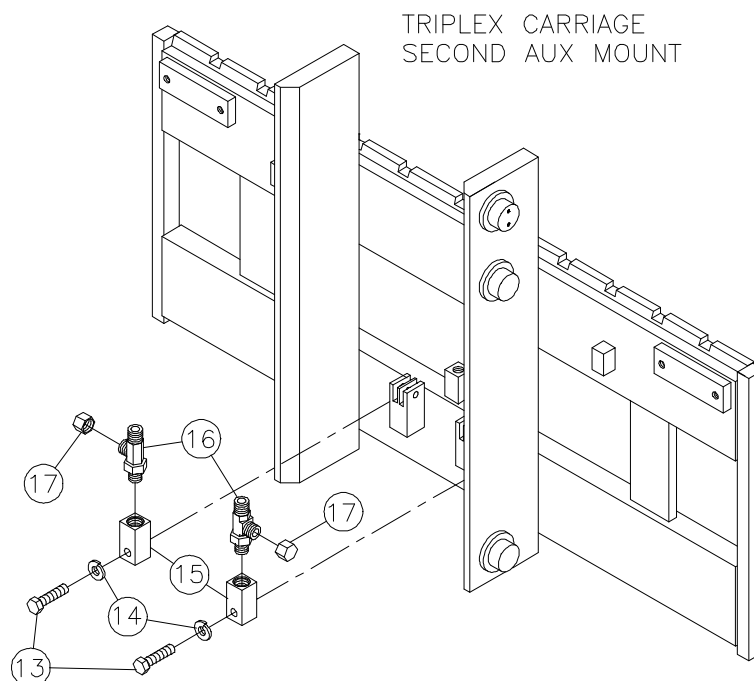


TOYOTA *Electric Stand Up*

FSV-Mast 2nd Internal Reeving

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10681-71	FSV-Mast Right 2nd Aux. Hose, 28"	1	
2	00593-11084-71	FSV-Mast Left 2nd Aux. Hose, 20"	1	
3	00593-10205-71	Bulkhead Union Elbow, #6	2	
4R	See Table	Lower Internal 2nd Aux. Hose Right	2	
4L	See Table	Lower Internal 2nd Aux. Hose Left	2	
5	00593-10837-71	Triple Hose Sheave	2	
6	00593-10004-71	Straight Thread Connector, #6	1	
7	00593-10034-71	90° Elbow, Str. Thread Flare Adapter	1	
8	00593-10125-71	90° Swivel Elbow, #6	1	
9	00593-10160-71	Straight Thread Run Tee, #6	1	
10R	See Table	Upper Internal 2nd Aux. Hose Right	2	
10L	See Table	Upper Internal 2nd Aux. Hose Left	2	
11	00593-10838-71	Single Hose Sheave	2	
12	00593-10083-71	Insulated Wire Loom Clip, 5/8"	2	
13	00593-10051-71	Hex Cap Screw, 3/8-16 x 2-1/2"	2	
14	00593-10055-71	Lock Washer, 3/8"	2	
15	00593-10958-71	Second Aux. Hyd. Holding Device	2	
16	00593-10160-71	Straight Thread Run Tee	2	
17	00593-10161-71	Cap	2	

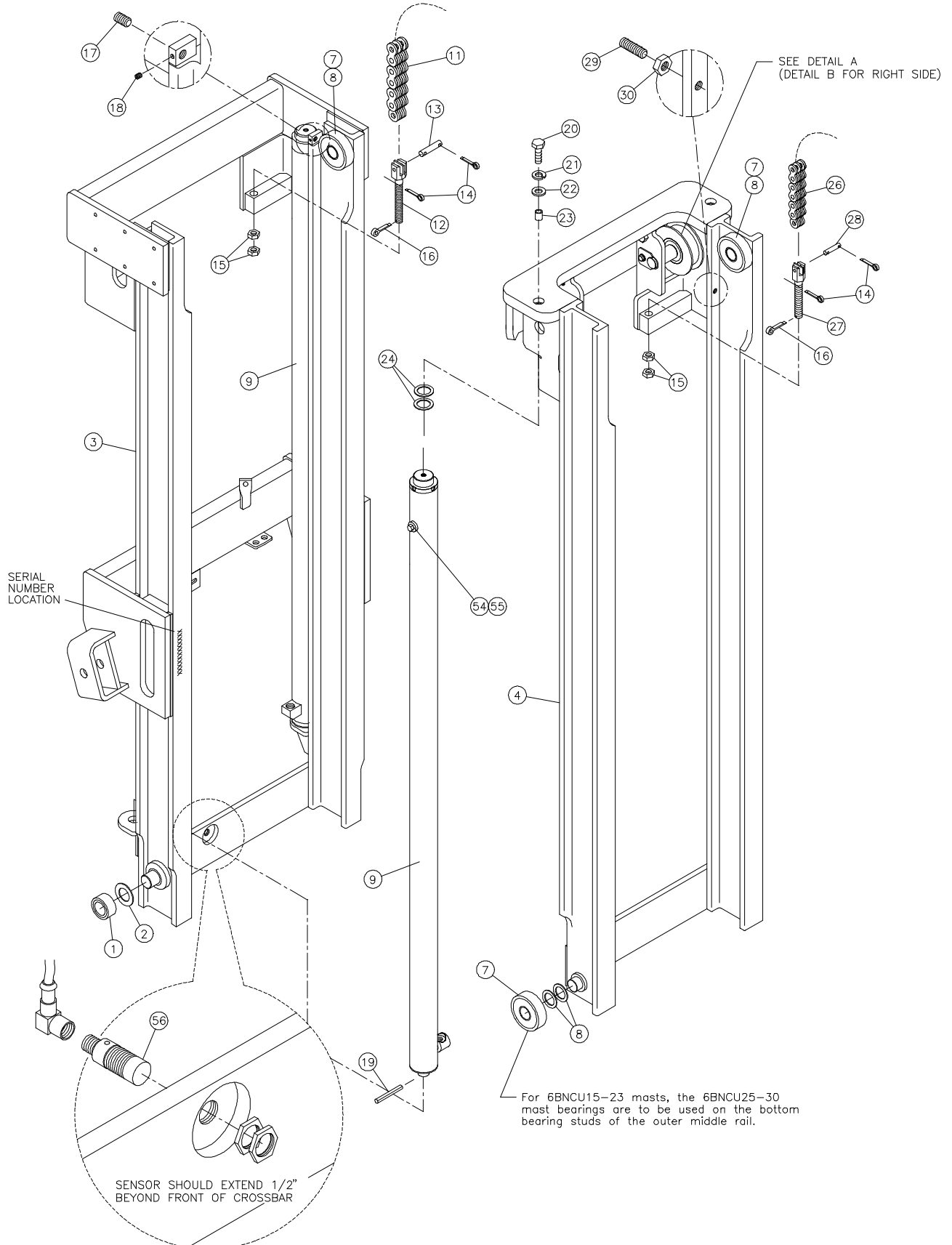


LWRD HT.	MAX FORK HT.	ITEM 4R - Lower 2nd Aux Hose Rt		ITEM 4L - Lower 2nd Aux Hose Lt	
		Standard	Freezer Cond.	Standard	Freezer Cond.
71"	154 152 150	00593-11105-71	00593-11621-71	00593-11693-71	00593-11713-71
77"	172 170 168	00593-11128-71	00593-11622-71	00593-11694-71	00593-11714-71
83"	190 188 186	00593-11151-71	00593-11623-71	00593-11695-71	00593-11715-71
89"	206 204 202	00593-11174-71	00593-11624-71	00593-11696-71	00593-11716-71
95"	220 218 216	00593-11197-71	00593-11625-71	00593-11697-71	00593-11717-71
101"	234 232 230	00593-11216-71	00593-11626-71	00593-11698-71	00593-11718-71
107"	246 244 242	00593-11228-71	00593-11627-71	00593-11699-71	00593-11719-71
113"	258 256 254	00593-11240-71	00593-11628-71	00593-11700-71	00593-11720-71
119"	268 266	00593-11251-71	00593-11629-71	00593-11701-71	00593-11721-71
125"	284	00593-11259-71	00593-11630-71	00593-11702-71	00593-11722-71

LWRD HT.	MAX FORK HT.	ITEM 10R - Upper 2nd Aux Hose Rt		ITEM 10L - Upper 2nd Aux Hose Lt	
		Standard	Freezer Cond.	Standard	Freezer Cond.
71"	154 152 150	00593-11104-71	00593-11631-71	00593-11683-71	00593-11703-71
77"	172 170 168	00593-11127-71	00593-11632-71	00593-11684-71	00593-11704-71
83"	190 188 186	00593-11150-71	00593-11633-71	00593-11685-71	00593-11705-71
89"	206 204 202	00593-11173-71	00593-11634-71	00593-11686-71	00593-11706-71
95"	220 218 216	00593-11196-71	00593-11635-71	00593-11687-71	00593-11707-71
101"	234 232 230	00593-11215-71	00593-11636-71	00593-11688-71	00593-11708-71
107"	246 244 242	00593-11227-71	00593-11637-71	00593-11689-71	00593-11709-71
113"	258 256 254	00593-11239-71	00593-11638-71	00593-11690-71	00593-11710-71
119"	268 266	00593-11250-71	00593-11639-71	00593-11691-71	00593-11711-71
125"	284	00593-11258-71	00593-11640-71	00593-11692-71	00593-11712-71

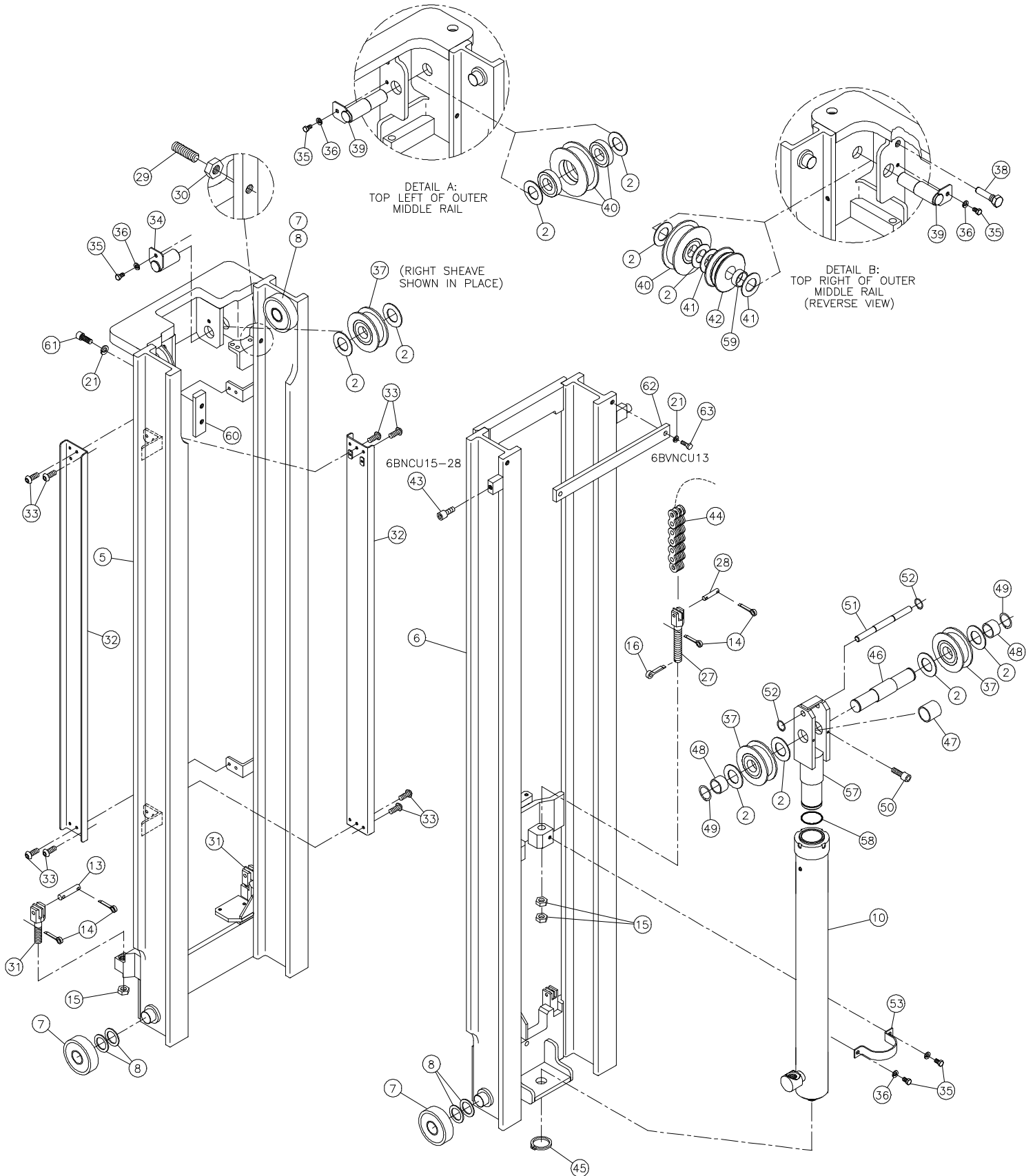
TOYOTA Electric Stand Up

QFV-Mast Assembly



TOYOTA Electric Stand Up

QFV-Mast Assembly



TOYOTA Electric Stand Up**QFV-Mast Assembly**

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10367-71	Spherical Bearing	2	
2	00593-10124-71	Machine Bushing, 1-1/2" x 14 Ga	2	As Required
3	*	QFV-Mast Outer Rail	1	
4	*	QFV-Mast Outer Middle Rail	1	
5	*	QFV-Mast Inner Middle Rail	1	
6	*	QFV-Mast Inner Rail	1	
7	00593-10216-71	Mast Bearing, 6BNCU15 - 23	10	For 6BNCU15 - 23 masts, the 6BNCU25 - 30 mast bearings are to be used on the bottom bearing studs of the outer middle rail.
	00593-10368-71	Mast Bearing, 6BNCU25 - 30, 6BVNCU13	12	
8	00593-10845-71	Shim, 0.010"	12	As required
	00593-10846-71	Shim, 0.032"	12	As required
9	See Table	QFV-Mast Outer Cylinder Assy	2	
	00593-10637-71	Seal Kit for Outer Cylinder		
	00593-10595-71	Gland for Outer Cylinder		
10	See Table	QFV-Mast Center Cylinder Assy	1	
	00593-10636-71	Seal Kit for Center Cylinder		
	00593-10596-71	Gland for Center Cylinder		
	00593-10597-71	Bleeder Screw, Center Cyl.		
	00593-10598-71	Bleeder Screw Gasket		
11	See Table	QFV-Mast Outer Mast Chain	2	
12	00593-10852-71	Chain Anchor Bolt, QFV-Mast	2	
13	00593-10534-71	Leaf Chain Connector Pin, QFV-Mast	4	
14	00593-10099-71	Cotter Pin, 3/32" x 3/4"	24	
15	00593-10098-71	Hex Nut, 3/4-10	14	
16	00593-10076-71	Cotter Pin, 1/8" x 1-1/2"	6	
17	00593-10490-71	Brass Set Screw, 1/2-13 x 3/4"	2	
18	00593-10491-71	Nylon Tip SS Set Screw, 1/4-20 x 1/4"	2	
19	00593-10162-71	Roll Pin (Spiral Type), 1/4" x 2"	2	
20	00593-10060-71	Hex Cap Screw, 1/2-13 x 1-3/4"	2	
21	00593-10063-71	Lock Washer (Split Type), 1/2"	6	
22	00593-10206-71	Flat Washer, 1/2"ID x 1-1/16"OD	2	
23	00593-10849-71	Spacer Sleeve	2	
24	00593-10847-71	Shim, 0.060"	2	As Required
	00593-10848-71	Shim, 0.105"	2	As Required
26	See Table	QFV-Mast Middle Mast Chain	2	
27	00593-10851-71	Chain Anchor Bolt	4	
28	00593-10238-71	Leaf Chain Connector Pin	8	
29	00593-10493-71	Brass Set Screw, 1/2-13 x 1-1/2"	4	
30	00593-10064-71	Hex Jam Nut, 1/2-13	4	
31	00593-10853-71	Chain Anchor Bolt, QFV-Mast (Short)	2	
32	See Table	Reeving Channel	2	
33	00593-10459-71	Hex Skt Btn Head Screw, 1/4-20 x 1/2"	8	
34	00593-10831-71	Sheave Pin, QFV-Mast (Short)	2	
35	00593-10134-71	Hex Cap Screw, 3/8-16 x 1-1/4"	6	
36	00593-10055-71	Lock Washer (Split Type), 3/8"	6	
37	00593-10843-71	Chain Sheave Assembly	4	
38	00593-10308-71	Sheave Guide Pin	1	
39	00593-10830-71	Sheave Pin, QFV-Mast	2	
40	00593-10844-71	Chain Sheave Assy (QFV-Mast Outer)	2	

TOYOTA Electric Stand Up

QFV-Mast Assembly

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
41	00593-10124-71	Machine Bushing, 1-1/2" x 14Ga	2	
42	00593-10835-71	Double Hose Sheave	1	
43	00593-10151-71	Hex Skt Head Screw, 1/2-13 x 1"	2	
44	See Table	QFV-Mast Inner Mast Chain	2	
45	00593-10078-71	Heavy Duty Snap Ring, 1-1/8"	1	
46	00593-10829-71	Center Cylinder Sheave Pin, QFV-Mast	1	
47	00593-10774-71	Center Cylinder Sheave Spacer	1	
48	00593-10772-71	Sheave Spacer	2	
49	00593-10080-71	Snap Ring, 1-3/8"	2	
50	00593-10066-71	Socket Head Screw, 1/4-20 x3/4"	2	
51	00593-10841-71	Chain / Hose Safety Guide	1	
52	00593-10079-71	Snap Ring, 5/8"	2	
53	00593-10892-71	Cylinder Strap	1	
56	00593-10409-71	Proximity Sensor	1	
57	00593-10589-71	Center Cylinder Clevis Head	1	
58	00593-10624-71	O-Ring	1	
59	00593-10775-71	Outer Sheave Spacer	1	
60	00593-10898-71	Stop Block 6BNCU15-23	2	
	00593-10899-71	Stop Block 6BNCU25-30, 6BVNCU13	2	
61	00593-10152-71	Hex Socket Cap Screw, 1/2-13 x 1-1/4"	2	
62	00593-11500-71	Turret Crossbar	1	6BVNCU13 only
63	00593-10058-71	Hex Screw, 1/2-13 x 1-1/4"	2	

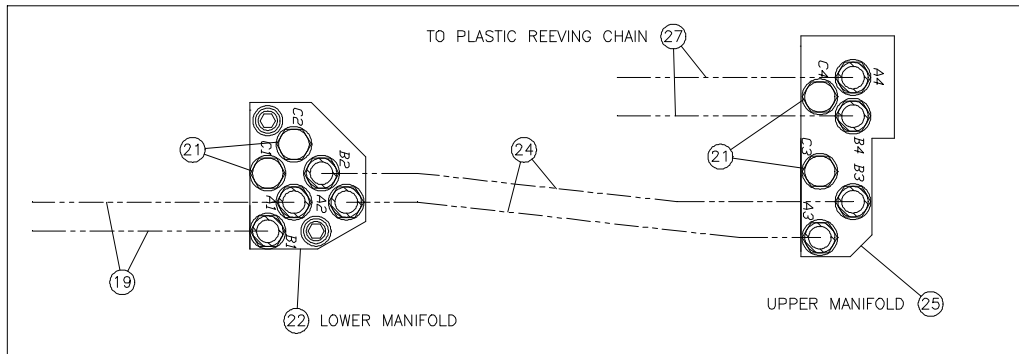
LWRD HEIGHT	MAX FORK HEIGHT	ITEM 9 - OUTER CYLINDER			
		6BNCU15-18	6BNCU19-23	6BNCU24-30	6BVNCU13
71	202 199 196 192	00593-11396-71	00593-11397-71	00593-11398-71	
77	226 223 220 216	00593-11399-71	00593-11400-71	00593-11401-71	
83	244 241 238 234 169	00593-11402-71	00593-11403-71	00593-11404-71	00593-11501-71
89	262 259 256 252 184	00593-11405-71	00593-11406-71	00593-11407-71	00593-11502-71
95	280 277 274 199	00593-11408-71	00593-11409-71	00593-11410-71	00593-11503-71
101	298 292 214		00593-11411-71	00593-11412-71	00593-11504-71
107	313 310 229		00593-11413-71	00593-11414-71	00593-11505-71
113	328 239			00593-11415-71	00593-11506-71
119	252				00593-11507-71

LWRD HEIGHT	MAX FORK HEIGHT	ITEM 10 - CENTER CYLINDER			ITEM 32
		6BNCU15-28	6BNCU30	6BVNCU13	CHANNEL
71	202 199 196 192	00593-11416-71	00593-11508-71		00593-10800-71
77	226 223 220 216	00593-11417-71	00593-11509-71		00593-10815-71
83	244 241 238 234 169	00593-11418-71	00593-11510-71	00593-11501-71	00593-10816-71
89	262 259 256 252 184	00593-11419-71	00593-11511-71	00593-11502-71	00593-10817-71
95	280 277 274 199	00593-11420-71		00593-11503-71	00593-10818-71
101	298 292 214	00593-11421-71		00593-11504-71	00593-10819-71
107	313 310 229	00593-11422-71		00593-11505-71	00593-10820-71
113	328 239	00593-11423-71		00593-11506-71	00593-10821-71
119	252	00593-11424-71		00593-11507-71	00593-10822-71

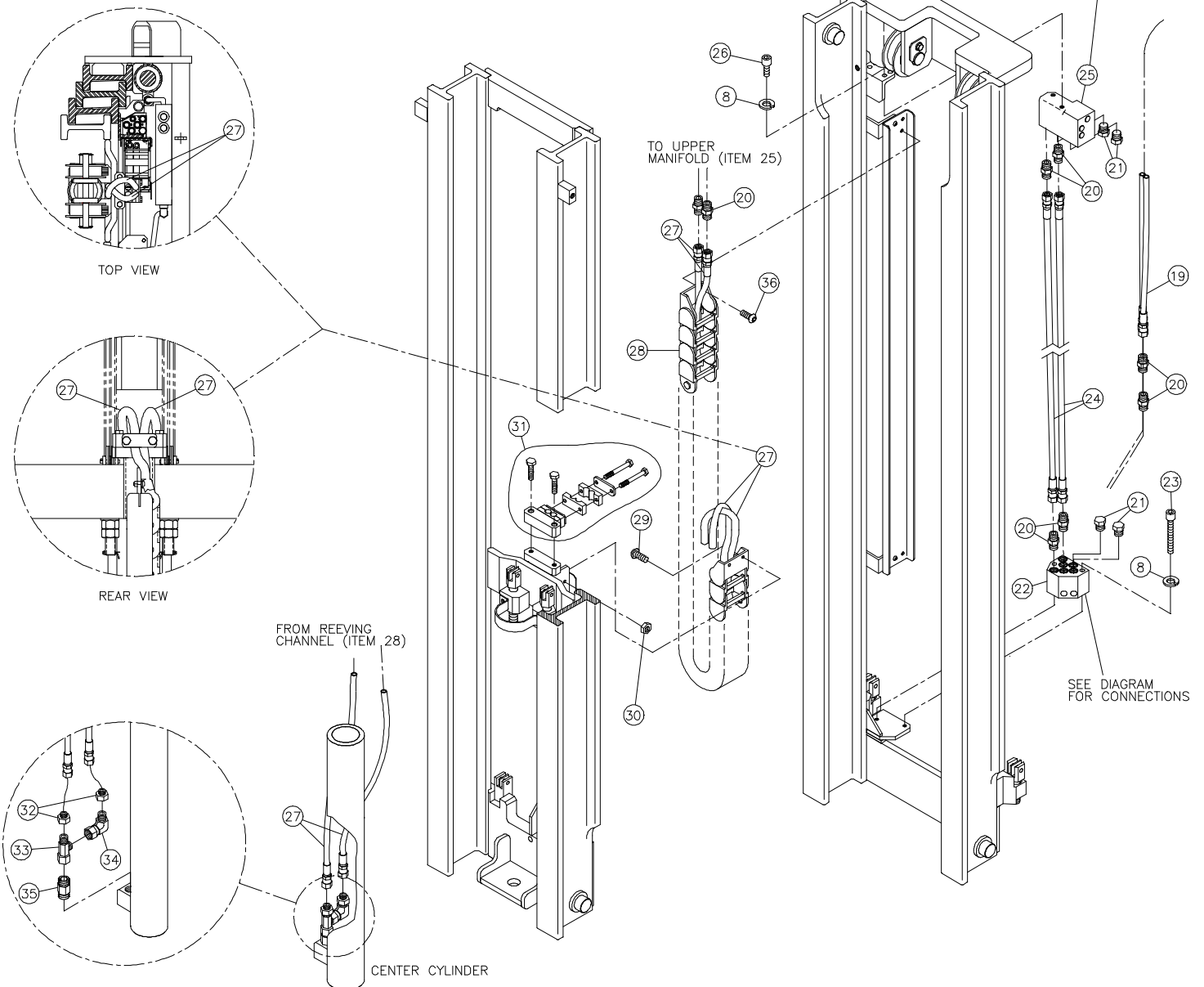
TOYOTA *Electric Stand Up**QFV-Mast Assembly*

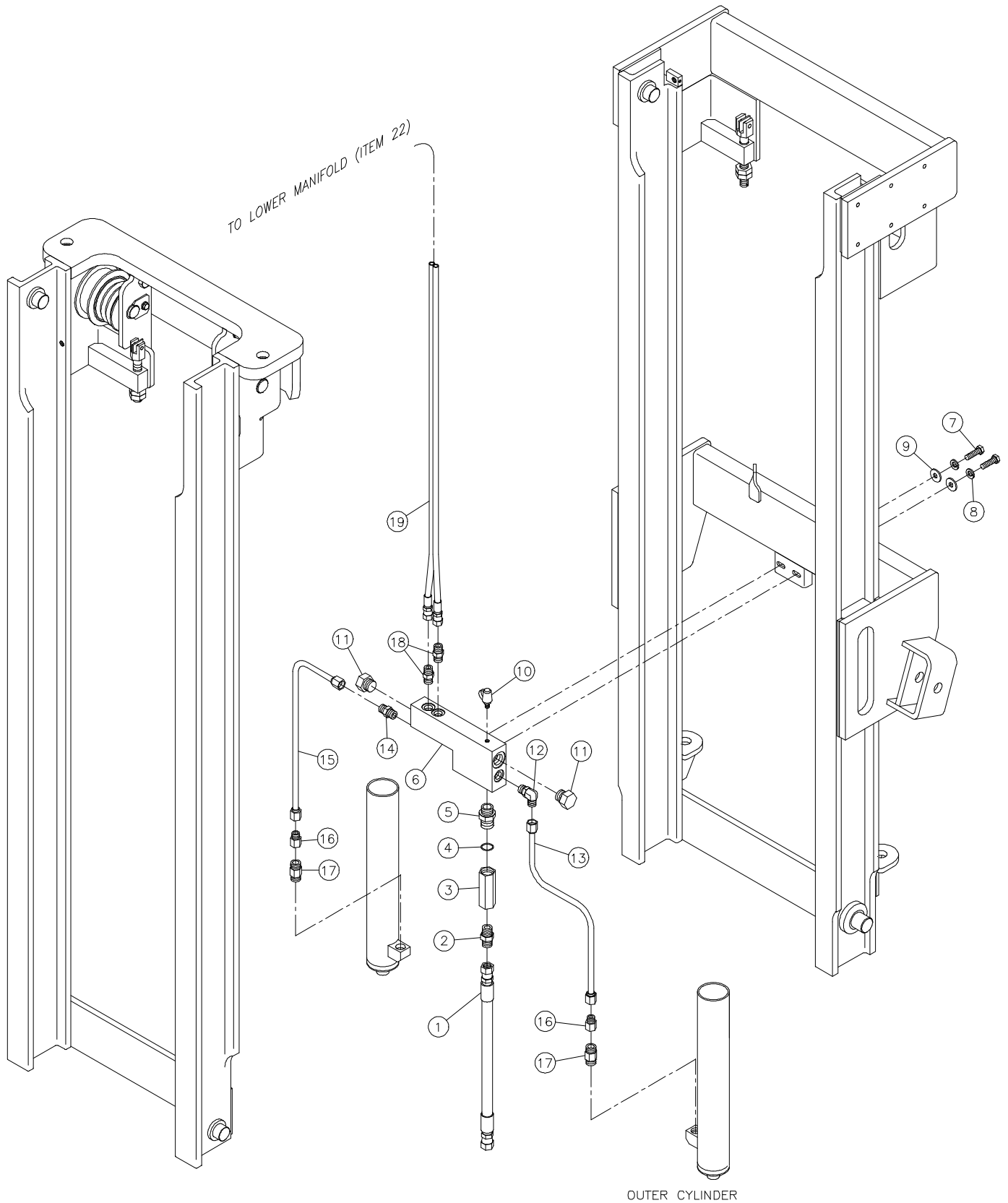
LWRD HEIGHT	MAX FORK HEIGHT	ITEM 11	ITEM 26	ITEM 44 - INNER CHAIN	
		OUTER CHAIN	MIDDLE CHAIN	6BNCU15-30	6BVNCU13
71	202 199 196 192	00593-10856-71	00593-10854-71	00593-10855-71	
77	226 223 220 216	00593-10860-71	00593-10858-71	00593-10859-71	
83	244 241 238 234 169	00593-10864-71	00593-10862-71	00593-10863-71	00593-11519-71
89	262 259 256 252 184	00593-10868-71	00593-10866-71	00593-10867-71	00593-11520-71
95	280 277 274 199	00593-10872-71	00593-10870-71	00593-10871-71	00593-11521-71
101	298 292 214	00593-10876-71	00593-10874-71	00593-10875-71	00593-11522-71
107	313 310 229	00593-10879-71	00593-10877-71	00593-10878-71	00593-11523-71
113	328 239	00593-10882-71	00593-10880-71	00593-10881-71	00593-11524-71
119	252	00593-10885-71	00593-10883-71		00593-11525-71

* Consult factory for availability of mast rails. Provide the following information when inquiring about mast rails: Truck Model & Serial Number, Mast Serial Number



UPPER AND LOWER MANIFOLD CONNECTIONS





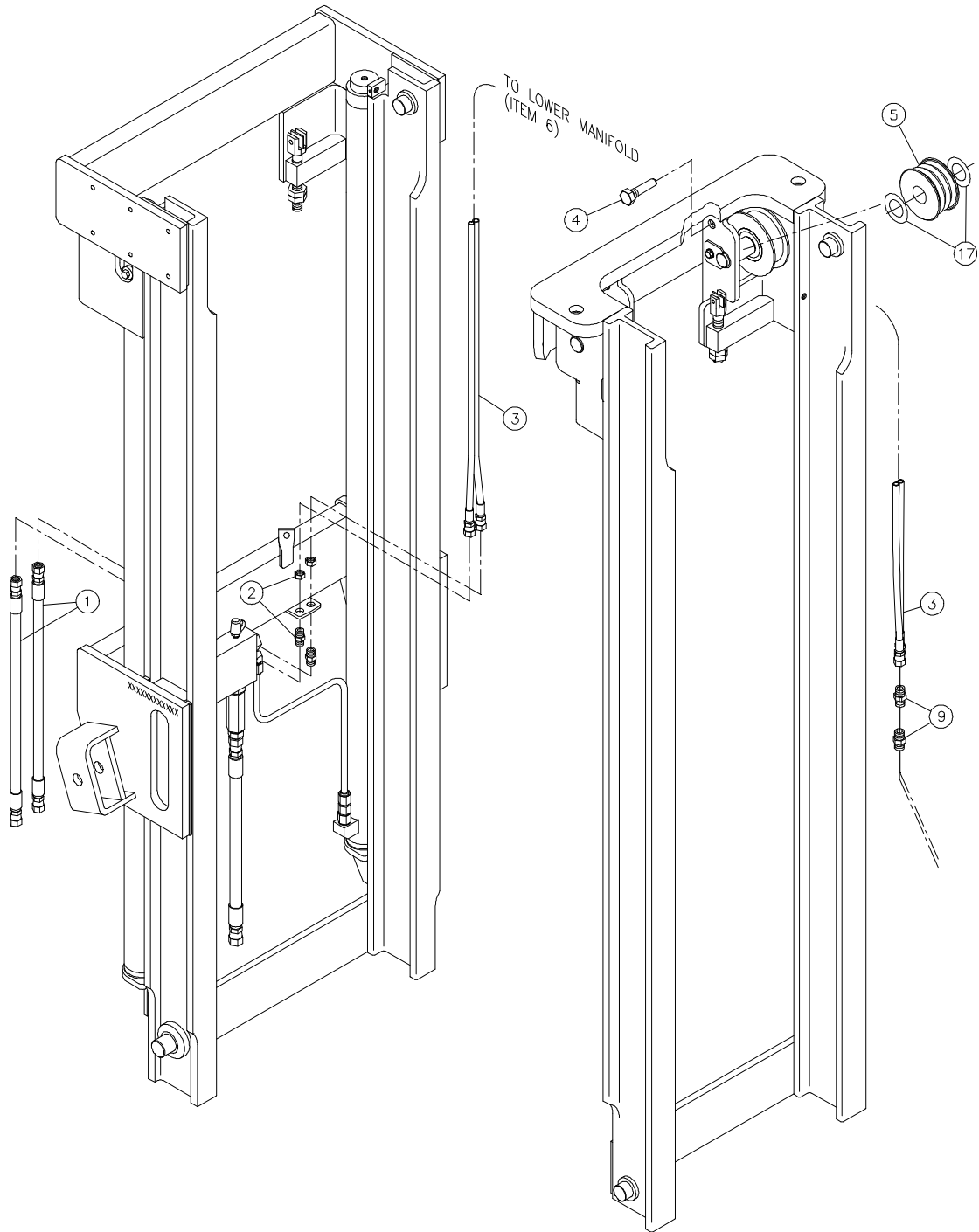
TOYOTA Electric Stand Up**QFV-Mast Lift Hydraulics**

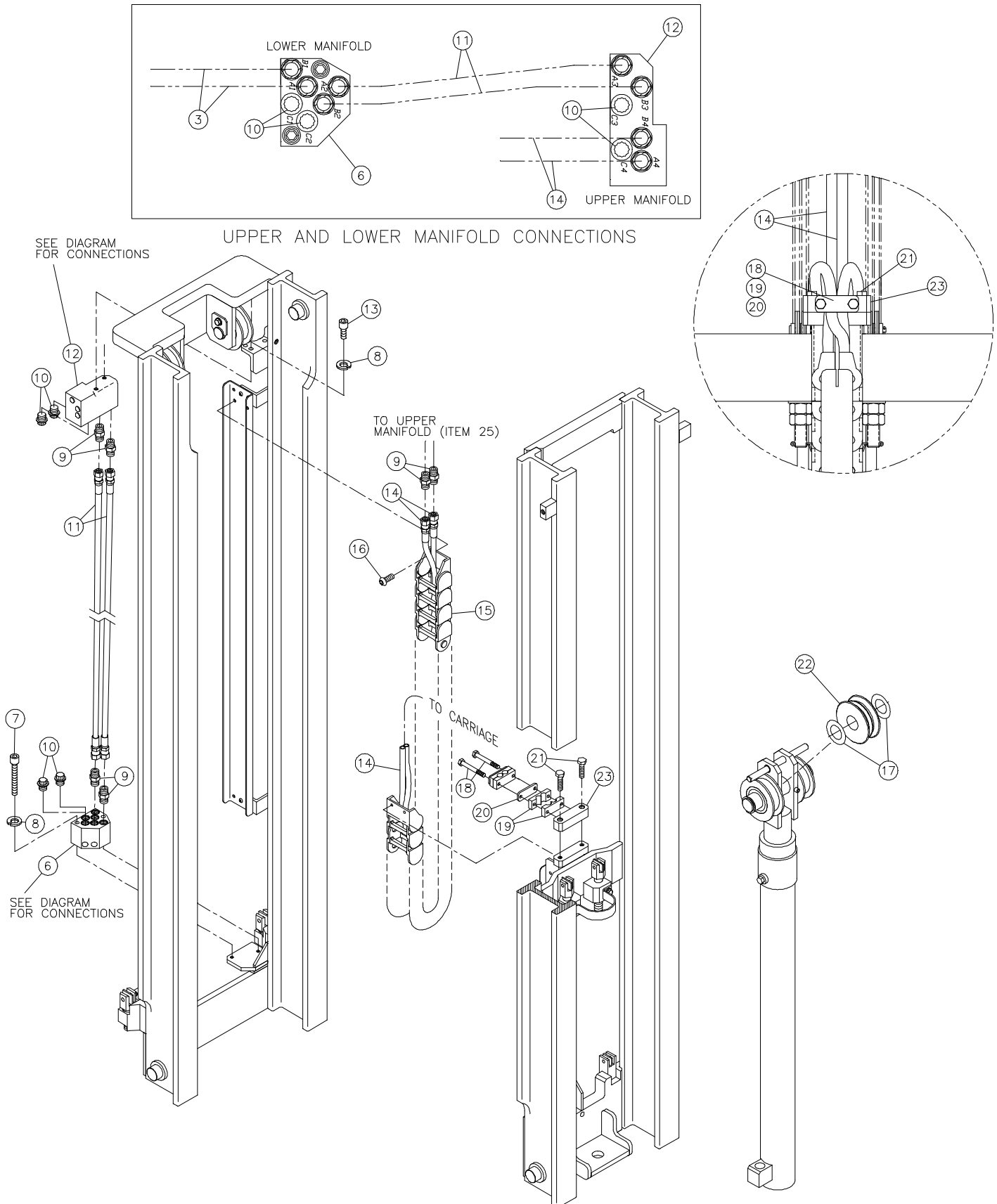
THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10679-71	Hose, #10 x 16.5", Chassis - Mast	1	
2	00593-10006-71	Str. Thread Adapter, #10SAE X #10JIC	1	
3	00593-10578-71	Lowering Control Valve	1	
4	00593-10010-71	O-Ring, #10	1	
5	00593-10234-71	Adapter, #12SAE X #10JIC	1	#12 O-Ring: 00593-10011-71
6	00593-10889-71	Lift Hydraulic Distributor Block	1	
7	00593-10093-71	Hex Cap Screw, 3/8-16 x 1" Gr5	2	
8	00593-10055-71	Lock Washer (Split Type), 3/8"	6	
9	00593-10054-71	Flat Washer, 3/8"	2	
10	00593-10181-71	Pressure Check Port	1	
11	00593-10023-71	Hex Head Plug, 1-1/16-12	2	
12	00593-10035-71	90° Elbow Adapter, #8SAE X #8JIC	1	#8 O-Ring: 00593-10012-71
13	00593-11274-71	Left Cylinder Tube (QFV-Mast)	1	
14	00593-10120-71	Str. Thread Adapter, #8SAE X #8JIC	1	
15	00593-11275-71	Right Cylinder Tube (QFV-Mast)	1	
16	00593-10177-71	Reducer, #10JIC Female x #8JIC Male	2	#10 O-Ring: 00593-10010-71
17	00593-10200-71	Flow Fuse, 15gpm	2	
18	00593-10005-71	Str. Thread Adapter, #8SAE X #6JIC	2	
19	See Table	QFV-Mast First Aux Hose (Lower)	1	QTY 2 for Freezer Cond.
20	00593-10004-71	Str. Thread Adapter, #6SAE X #6JIC	8	#6 O-Ring: 00593-10009-71
21	00593-10555-71	Str. Thread Plastic Plug, #6	4	
22	00593-10895-71	QFV-Mast Lower Hyd Manifold (Right)	1	
23	00593-10147-71	Socket Head Screw, 3/8-16 x 3"	2	
24	See Table	Hose Assembly, #6 Manifold - Manifold	2	
25	00593-10897-71	QFV-Mast Upper Hyd Manifold (Right)	1	
26	00593-10153-71	Skt Head Screw, 3/8-16 x 1"	2	
27	See Table	Hose Assembly, #6 Cntr. Cyl. Feed	2	
28	See Table	Plastic Reeving Chain	1	
	00593-10776-71	One Link, Plastic Chain		
	00593-10777-71	End Bracket Set, Plastic Chain		
29	00593-10084-71	Button Head Screw, 1/4-20 x 1-1/2"	2	
30	00593-10114-71	Nylon Lock Nut, 1/4-20	2	
31	See QFV-MAST - AUXILIARY HYDRAULICS (FIRST FUNCTION)			
32	00593-10018-71	Reducer, #12 Female x #8 Male	2	
33	00593-10242-71	Tee, Swivel Nut	1	
34	00593-10154-71	90° Elbow, Swivel Nut	1	
35	00593-10549-71	Flow Fuse, 25gpm	1	
36	00593-10459-71	Socket Btn Head Screw, 1/4-20 x 1/2"	2	

LWRD HEIGHT	MAX FORK HEIGHT	ITEM 19 - CENTER CYL. FEED HOSE (LOWER)		ITEM 27 - CENTER CYL. FEED HOSE (UPPER)	
		Standard (Twin Line)	Freezer Cond. (Single Line)	Standard	Freezer Cond.
71	202 199 196 192	00593-11100-71	00593-11641-71	00593-11102-71	00593-11650-71
77	226 223 220 216	00593-11123-71	00593-11642-71	00593-11125-71	00593-11651-71
83	244 241 238 234 169	00593-11146-71	00593-11643-71	00593-11148-71	00593-11652-71
89	262 259 256 252 184	00593-11169-71	00593-11644-71	00593-11171-71	00593-11653-71
95	280 277 274 199	00593-11192-71	00593-11645-71	00593-11194-71	00593-11654-71
101	298 292 214	00593-11211-71	00593-11646-71	00593-11213-71	00593-11655-71
107	313 310 229	00593-11223-71	00593-11647-71	00593-11225-71	00593-11656-71
113	328 239	00593-11235-71	00593-11648-71	00593-11237-71	00593-11657-71
119	252	00593-11247-71	00593-11649-71	00593-11248-71	00593-11658-71

LWRD HEIGHT	MAX FORK HEIGHT	ITEM 24 - HOSE MFLD-MFLD	ITEM 28 - REEVING CHAIN
71	202 199 196 192	00593-11103-71	00593-10779-71
77	226 223 220 216	00593-11126-71	00593-10782-71
83	244 241 238 234 169	00593-11149-71	00593-10785-71
89	262 259 256 252 184	00593-11172-71	00593-10788-71
95	280 277 274 199	00593-11195-71	00593-10790-71
101	298 292 214	00593-11214-71	00593-10792-71
107	313 310 229	00593-11226-71	00593-10794-71
113	328 239	00593-11238-71	00593-10795-71
119	252	00593-11249-71	00593-10796-71



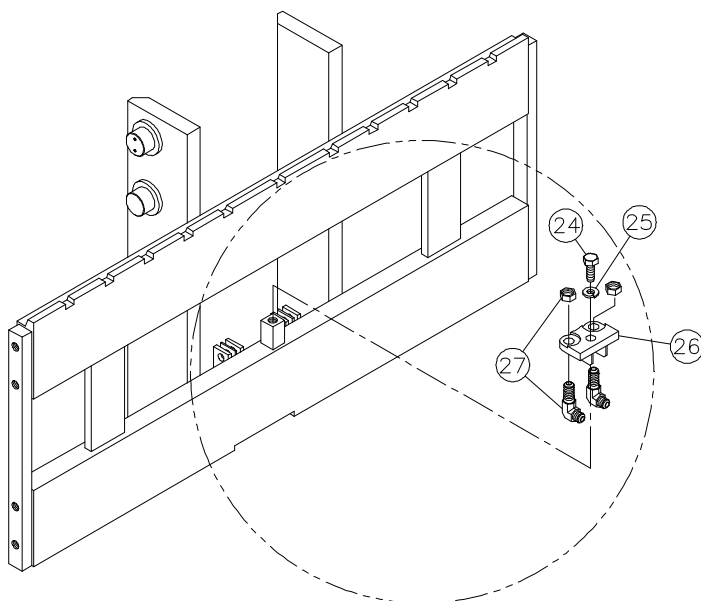


TOYOTA Electric Stand Up

QFV-Mast 1st Internal Reeving

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

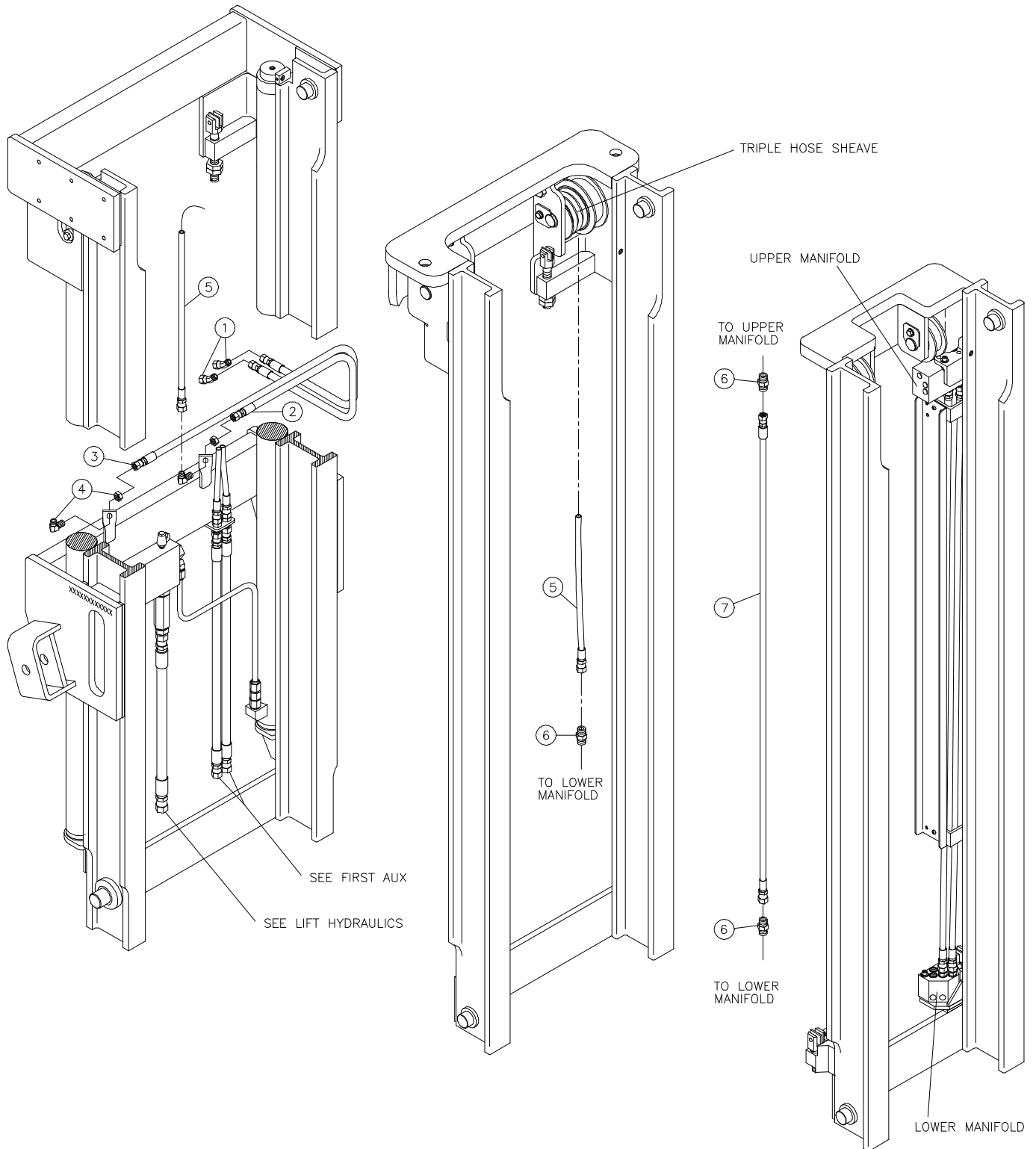
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10680-71	Hose, #6 Chassis - Bulkhead Union	2	
2	00593-10131-71	Bulkhead Union, #6	2	
3	See Table	Hose, QFV-Mast First Aux Feed	1	QTY 2 for Freezer Cond.
4	00593-10308-71	Sheave Guide Pin	1	
5	00593-10837-71	Triple Hose Sheave	1	
6	00593-10894-71	Lower Hydraulic Manifold (Left)	1	
7	00593-10147-71	Socket Head Screw, 3/8-16 x 3"	2	
8	00593-10055-71	Lock Washer (Split Type), 3/8"	4	
9	00593-10004-71	Straight Thread Adapter, #6	4	#6 O-Ring: 00593-10009-71
10	00593-10555-71	Straight Thread Plug, #6	4	
11	See Table	Hose, #6 Manifold - Manifold	2	Secure to lower channel mount angle using wire tie.
12	00593-10896-71	Upper Hydraulic Manifold (Left)	1	
13	00593-10153-71	Skt. Head Screw, 3/8-16 x 1"	2	
14	See Table	QFV-Mast, First Aux. Carriage Feed	2	
15	See Table	Plastic Reeving Chain	1	
	00593-10776-71	One Link - Plastic Chain		
	00593-10777-71	Bracket Set - Plastic Chain		
16	00593-10459-71	Skt Btn Head Screw, 1/4-20 x 1/2"	2	
17	00593-10124-71	Machine Bushing, 1-1/2" x 14 Ga.	4	As Required
18	00593-10135-71	Hex Cap Screw, 1/4-20 x 3"	2	
19	00593-10814-71	Dual Hose Plastic Clamp	4	
20	00593-10813-71	Hose Clamp Plate	2	
21	00593-10095-71	Hex Cap Screw, 3/8-16 x 1-1/2"	2	
22	00593-10835-71	Double Hose Sheave	1	
23	00593-10323-71	QFV-Mast First Aux Mount Block	1	
24	00593-10107-71	Hex Cap Screw, 1/2-13 x 1-1/4"	1	
25	00593-10063-71	Lock Washer, 1/2"	1	
26	00593-10315-71	Hose Bracket	1	
27	00593-10205-71	Bulkhead Elbow, #6	2	

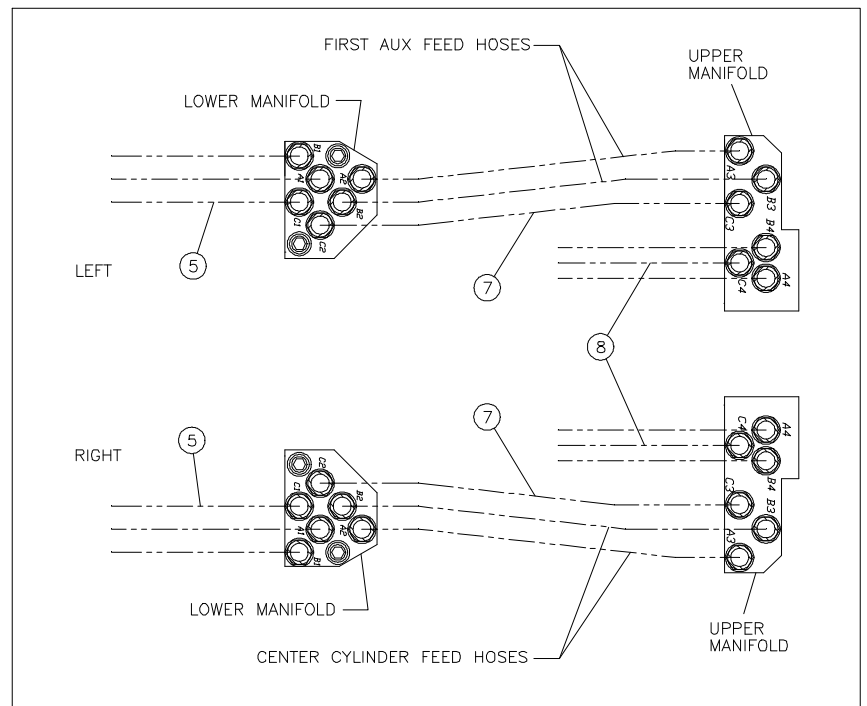


LWRD HEIGHT	MAX FORK HEIGHT	ITEM 3 - 1st AUX FEED HOSE (LOWER)	
		Standard (Twin Line)	Freezer Cond. (Single Line)
71"	202-192	00593-11100-71	00593-11641-71
77"	226-216	00593-11123-71	00593-11642-71
83"	244-234 169	00593-11146-71	00593-11643-71
89"	262-252 184	00593-11169-71	00593-11644-71
95"	280-274 199	00593-11192-71	00593-11645-71
101"	298 292 214	00593-11211-71	00593-11646-71
107"	313 310 229	00593-11223-71	00593-11647-71
113"	328 239	00593-11235-71	00593-11648-71
119"	252	00593-11247-71	00593-11649-71

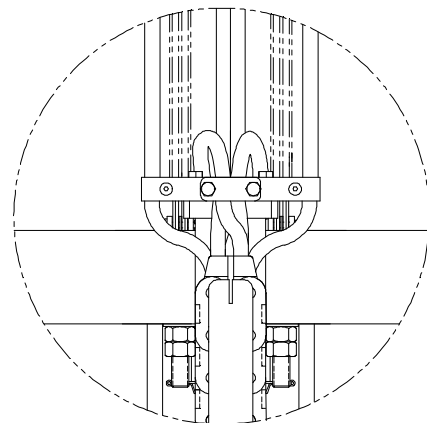
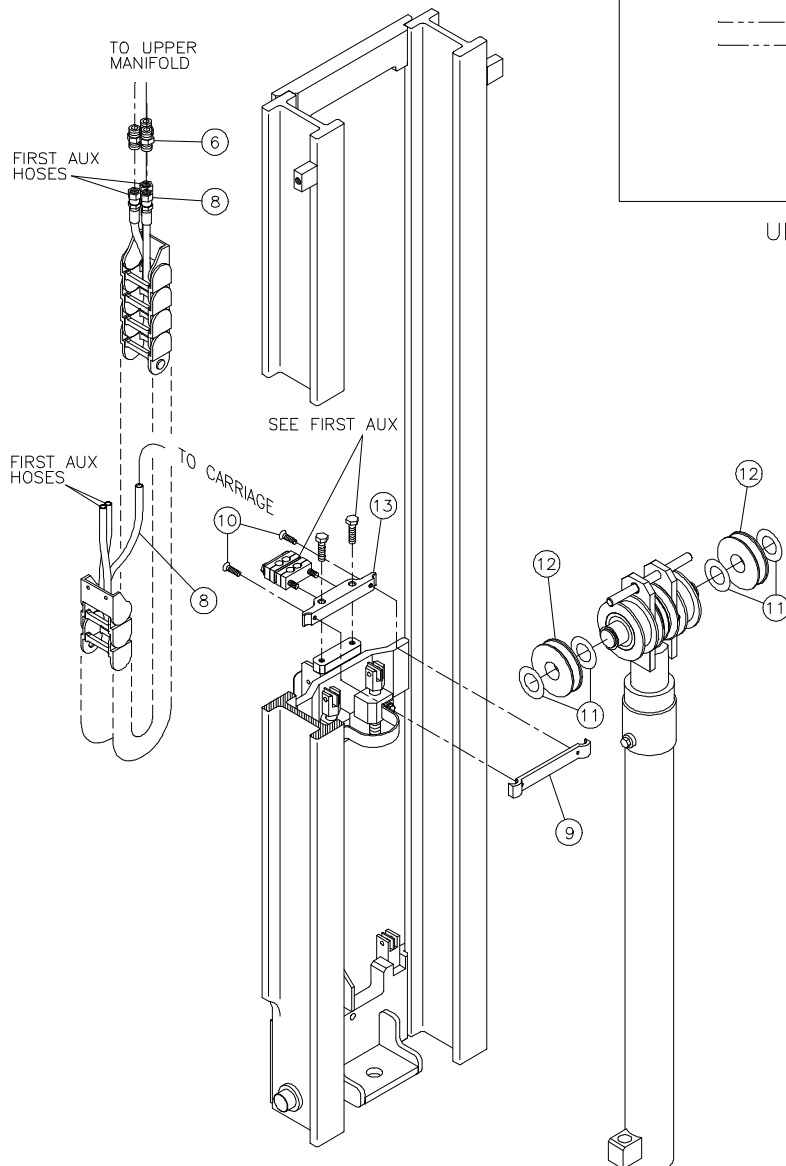
LWRD HEIGHT	MAX FORK HEIGHT	ITEM 14 - 1st AUX FEED HOSE (UPPER)			
		6BNCU15-30		6BVNCU13	
		Standard	Freezer Cond.	Standard	Freezer Cond.
71"	202-192	00593-11101-71	00593-11659-71		
77"	226-216	00593-11124-71	00593-11660-71		
83"	244-234 169	00593-11147-71	00593-11661-71	00593-11526-71	00593-11667-71
89"	262-252 184	00593-11170-71	00593-11662-71	00593-11527-71	00593-11668-71
95"	280-274 199	00593-11193-71	00593-11663-71	00593-11528-71	00593-11669-71
101"	298 292 214	00593-11212-71	00593-11664-71	00593-11529-71	00593-11670-71
107"	313 310 229	00593-11224-71	00593-11665-71	00593-11530-71	00593-11671-71
113"	328 239	00593-11236-71	00593-11666-71	00593-11531-71	00593-11672-71
119"	252			00593-11532-71	00593-11673-71

LWRD HEIGHT	MAX FORK HEIGHT	ITEM 11 - Hose, Manfld- Manfld	ITEM 15 - Reeving Chain
71"	202-192	00593-11103-71	00593-10779-71
77"	226-216	00593-11126-71	00593-10782-71
83"	244-234 169	00593-11149-71	00593-10785-71
89"	262-252 184	00593-11172-71	00593-10788-71
95"	280-274 199	00593-11195-71	00593-10790-71
101"	298 292 214	00593-11214-71	00593-10792-71
107"	313 310 229	00593-11226-71	00593-10794-71
113"	328 239	00593-11238-71	00593-10795-71
119"	252	00593-11249-71	00593-10796-71





UPPER AND LOWER MANIFOLD CONNECTIONS

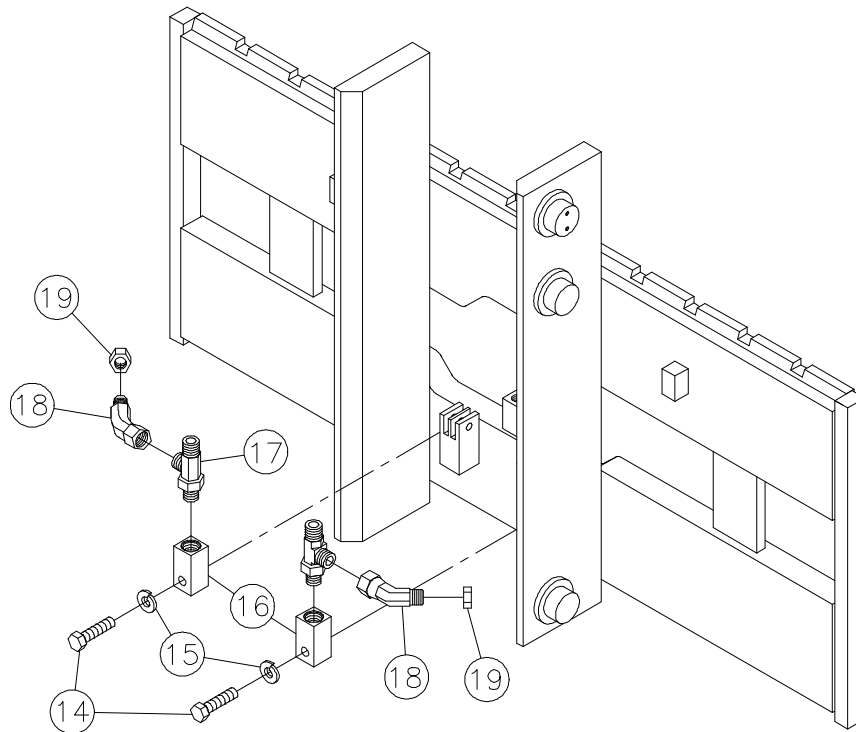


TOYOTA Electric Stand Up

QFV-Mast 2nd Internal Reeving

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10156-71	45° Elbow Flare Adapter, Swivel Nut	2	
2	00593-11081-71	Hose, Left Chassis to Bulkhead Union	1	
3	00593-11080-71	Hose, Rt Chassis to Bulkhead Union	1	
4	00593-10205-71	90° Elbow Bulkhead Union	2	
5	See Table	Hose, 2nd Aux Feed (Lower)	2	
6	00593-10004-71	Straight Thread Adapter, #6	8	#6 O-Ring: 00593-10009-71
7	See Table	Hose, Manifold - Manifold	2	Wire tie to channel mount
8	See Table	Hose, 2nd Aux Feed (Upper)	2	
9	00593-10960-71	QFV-Mast Reeving Hose Clamp Plate	1	
10	00593-10089-71	Flat Head Screw, 1/4-20 x 1"	2	
11	00593-10198-71	Machine Bushing, 1-3/8" x 18 Ga	4	As Required
12	00593-10838-71	Single Hose Sheave	2	
13	00593-10959-71	QFV-Mast Reeving Hose Clamp Mount	1	
14	00593-10051-71	Hex Cap Screw, 3/8-16 x 2-1/2"	2	
15	00593-10055-71	Lock Washer, 3/8"	2	
16	00593-10958-71	Second Aux. Hyd. Holding Device	2	
17	00593-10160-71	Straight Thread Run Tee	2	
18	00593-10156-71	Swivel Nut Elbow, 45°	2	
19	00593-10161-71	Cap	2	

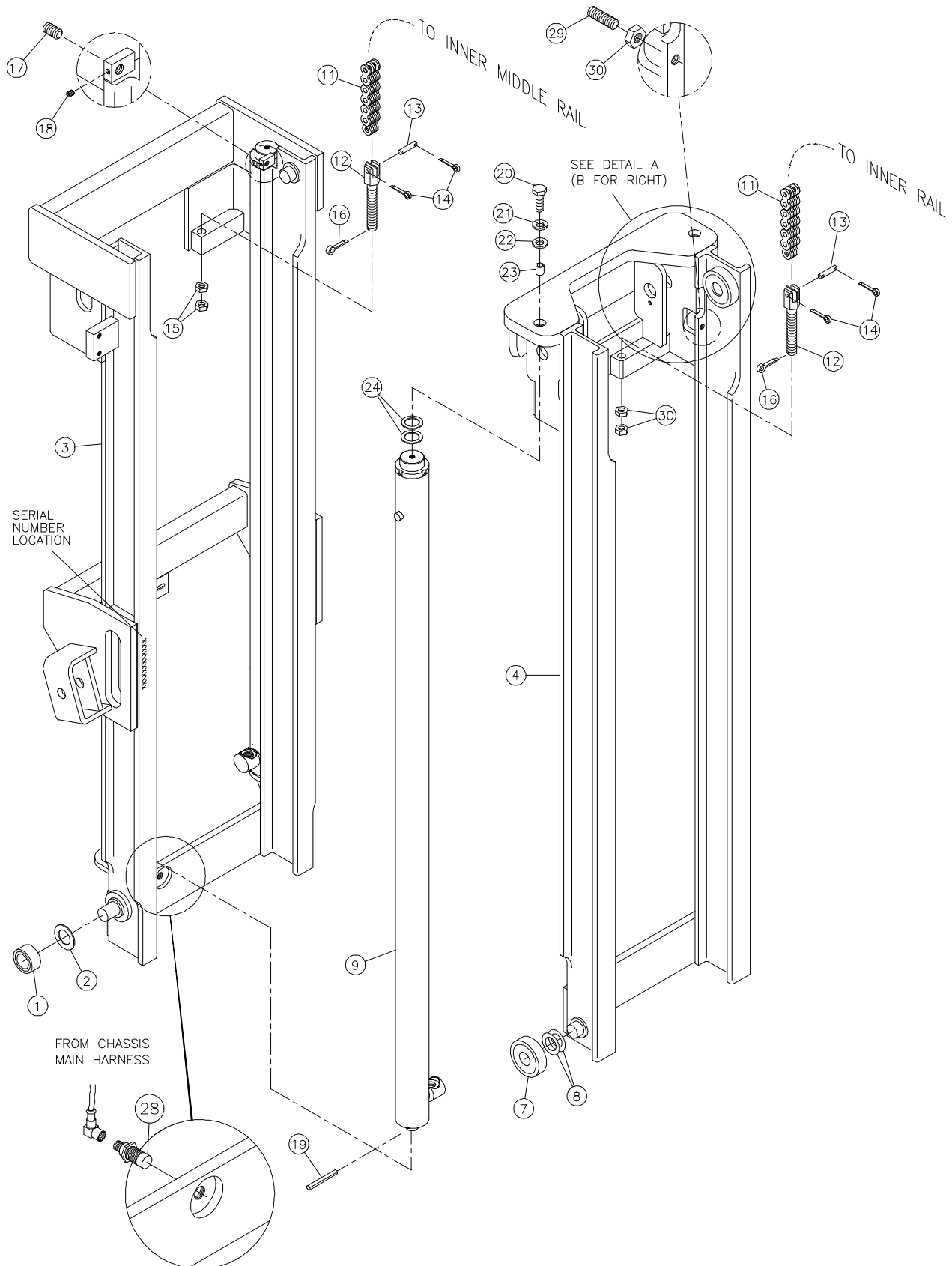


LWRD HEIGHT	MAX FORK HEIGHT	ITEM 5 - 2nd AUX FEED HOSE (LOWER)		ITEM 7 - HOSE, MANIFOLD - MANIFOLD
		Standard	Freezer Cond.	
71"	202-192	00593-11109-71	00593-11674-71	00593-11103-71
77"	226-216	00593-11132-71	00593-11675-71	00593-11126-71
83"	244-234 169	00593-11155-71	00593-11676-71	00593-11149-71
89"	262-252 184	00593-11178-71	00593-11677-71	00593-11172-71
95"	280-274 199	00593-11201-71	00593-11678-71	00593-11195-71
101"	298 292 214	00593-11217-71	00593-11679-71	00593-11214-71
107"	313 310 229	00593-11229-71	00593-11680-71	00593-11226-71
113"	328 239	00593-11241-71	00593-11681-71	00593-11238-71
119"	252	00593-11252-71	00593-11682-71	00593-11249-71

LWRD HEIGHT	MAX FORK HEIGHT	ITEM 8 - 2nd AUX FEED HOSE (UPPER)			
		6BNCU15-30		6BVNCU13	
		Standard	Freezer Cond.	Standard	Freezer Cond.
71"	202-192	00593-11101-71	00593-11659-71		
77"	226-216	00593-11124-71	00593-11660-71		
83"	244-234 169	00593-11147-71	00593-11661-71	00593-11526-71	00593-11667-71
89"	262-252 184	00593-11170-71	00593-11662-71	00593-11527-71	00593-11668-71
95"	280-274 199	00593-11193-71	00593-11663-71	00593-11528-71	00593-11669-71
101"	298 292 214	00593-11212-71	00593-11664-71	00593-11529-71	00593-11670-71
107"	313 310 229	00593-11224-71	00593-11665-71	00593-11530-71	00593-11671-71
113"	328 239	00593-11236-71	00593-11666-71	00593-11531-71	00593-11672-71
119"	252			00593-11532-71	00593-11673-71

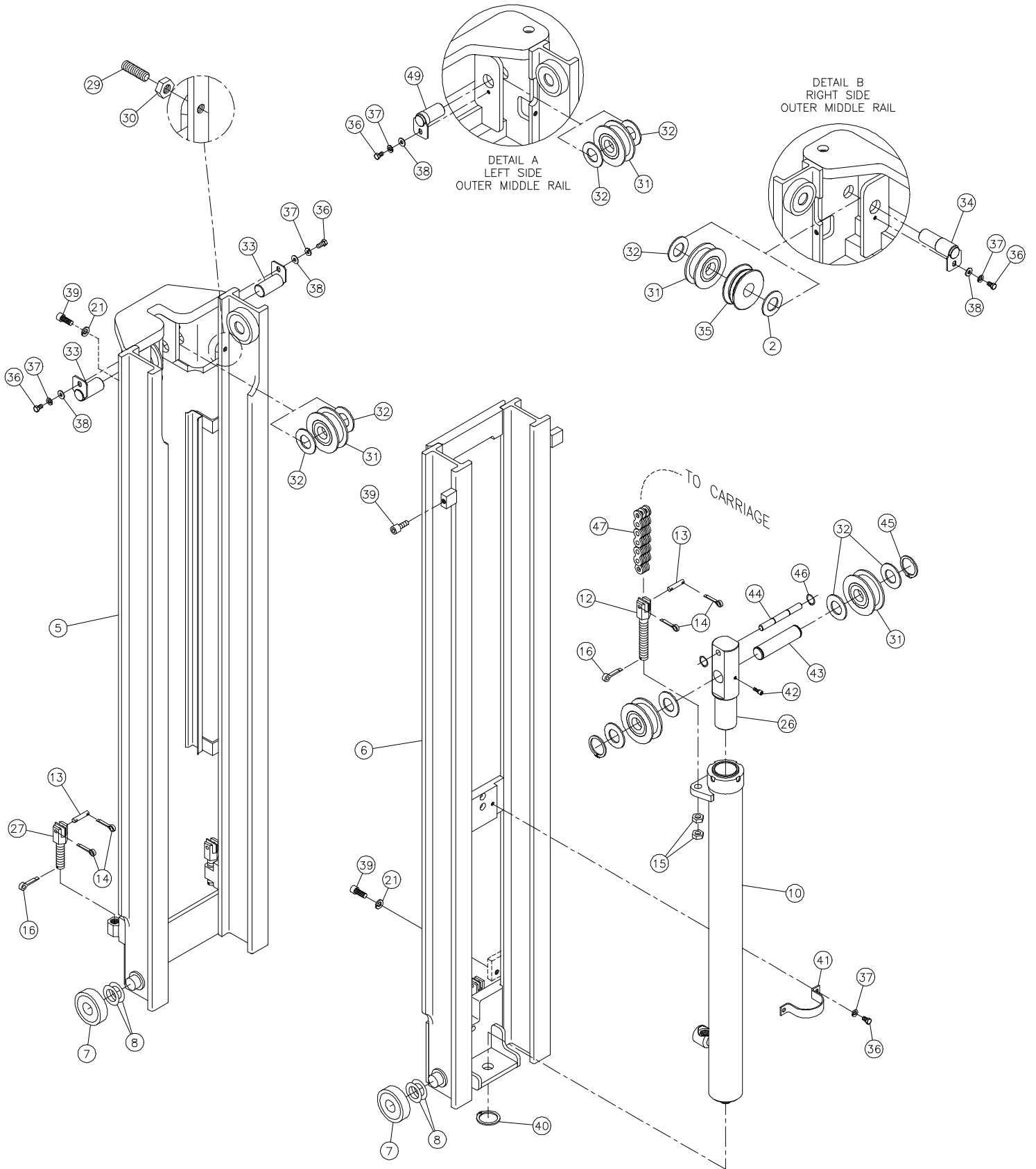
TOYOTA Electric Stand Up

QFV-Mast (Standard) Assembly



TOYOTA Electric Stand Up

QFV-Mast (Standard) Assembly



TOYOTA Electric Stand Up**QFV-Mast (Standard) Assembly**

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28
 ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10367-71	Radial Plain Spherical Bearing	2	
2	00593-10124-71	Machine Bushing, 1-1/2" x 14 Ga	4	As Required
3	*	QFV-Mast Standard Outer Rail	1	
4	*	QFV-Mast Standard Outer Middle Rail	1	
5	*	QFV-Mast Standard Inner Middle Rail	1	
6	*	QFV-Mast Standard Inner Rail	1	
7	00593-10216-71	Mast Bearing	12	
8	00593-10845-71	Shim, 0.010"	12	As required
	00593-10846-71	Shim, 0.032"	12	As required
9	See Table	QFV-Mast Outer Cyl. Assembly	2	
	00593-10637-71	Seal Kit for Outer Cylinder		
10	See Table	QFV-Standard Center Cyl. Assy	1	
	00593-10636-71	Seal Kit for Center Cylinder		
	00593-10597-71	Bleeder Screw, Center Cyl		
	00593-10598-71	Bleeder Screw Gasket		
11	See Table	Outer & Middle Mast Chain	4	
12	00593-10851-71	Chain Anchor Bolt	6	
13	00593-10238-71	Leaf Chain Connector Pin	12	
14	00593-10099-71	Cotter Pin, 3/32" x 3/4"	24	
15	00593-10235-71	Hex Jam Nut, 3/4-10	12	
16	00593-10076-71	Cotter Pin, 1/8" x 1-1/2"	8	
17	00593-10490-71	Brass Set Screw, 1/2-13 x 3/4"	2	
18	00593-10491-71	Nylon Tip SS Set Screw, 1/4-20 x 1/4"	2	
19	00593-10162-71	Roll Pin (Spiral Type), 1/4" x 2"	2	
20	00593-10060-71	Hex Cap Screw, 1/2-13 x 1-3/4"	2	
21	00593-10063-71	Lock Washer (Split Type), 1/2"	4	
22	00593-10206-71	Flat Washer, 1/2"ID x 1-1/16"OD	2	
23	00593-10849-71	Spacer Sleeve	2	
24	00593-10847-71	Shim, 0.060"	2	As Required
	00593-10848-71	Shim, 0.105"	2	As Required
26	00593-10590-71	QFV-Mast Standard Center Cyl Head	1	
27	00593-10853-71	Chain Anchor Bolt, Short	2	
28	00593-10409-71	Proximity Sensor	1	
29	00593-10493-71	Brass Set Screw, 1/2-13 x 1-1/2"	4	
30	00593-10064-71	Hex Jam Nut, 1/2-13	4	
31	00593-10843-71	Chain Sheave Assembly	6	
32	00593-10198-71	Machine Bushing, 1-3/8 x 18 Ga.	10	As Required
33	00593-10831-71	Sheave Pin, QFV-Mast Short	2	
34	00593-10833-71	Sheave Pin, QFV-Mast Standard	1	
35	00593-10835-71	Twin Hose Sheave	1	
36	00593-10134-71	Hex Cap Screw, 3/8-16 x 5/8"	4	
37	00593-10055-71	Lock Washer (Split Type), 3/8"	4	
38	00593-10054-71	Flat Washer, 3/8"	4	

= Recommended Spare Part

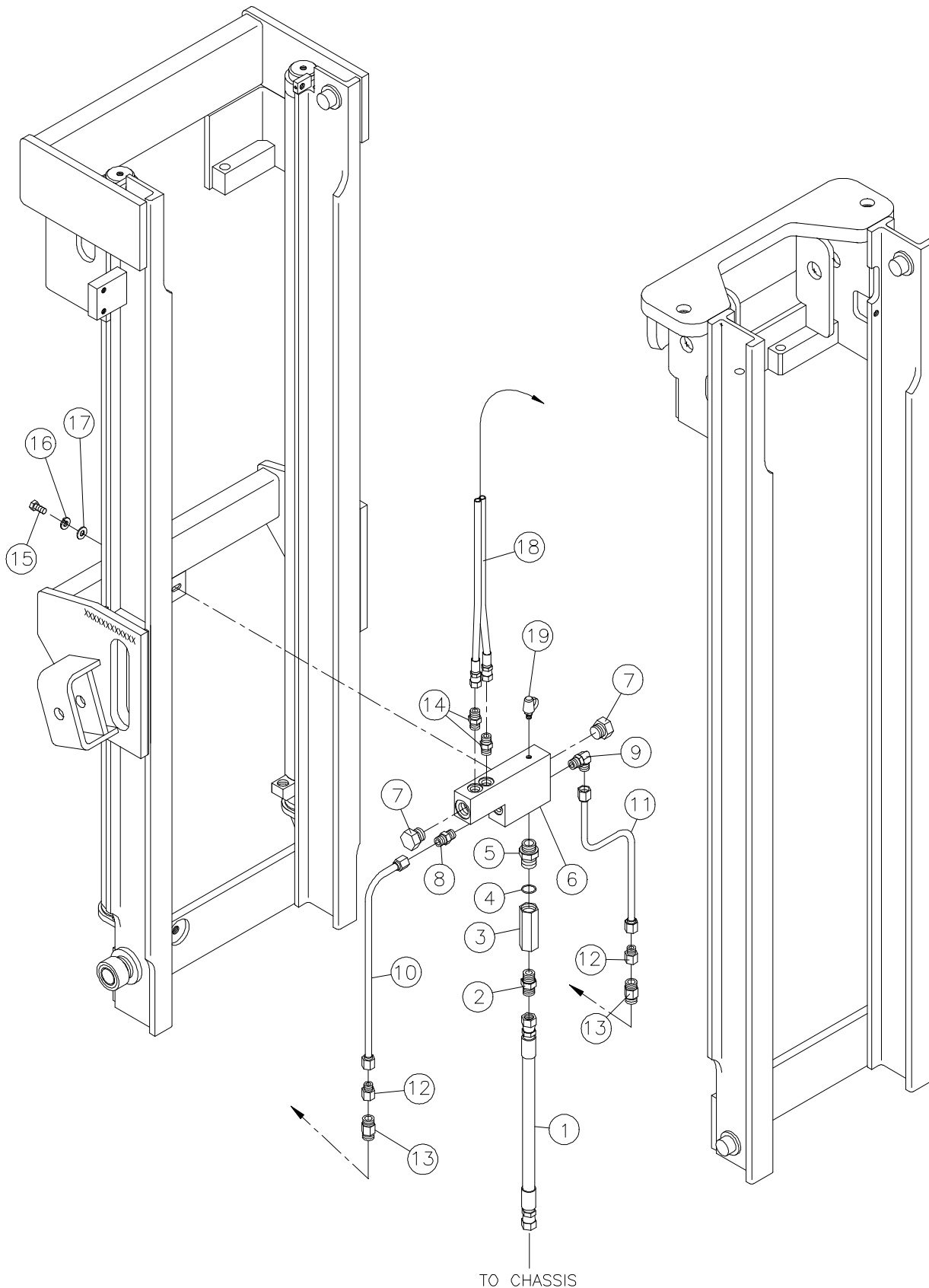
TOYOTA Electric Stand Up**QFV-Mast (Standard) Assembly**

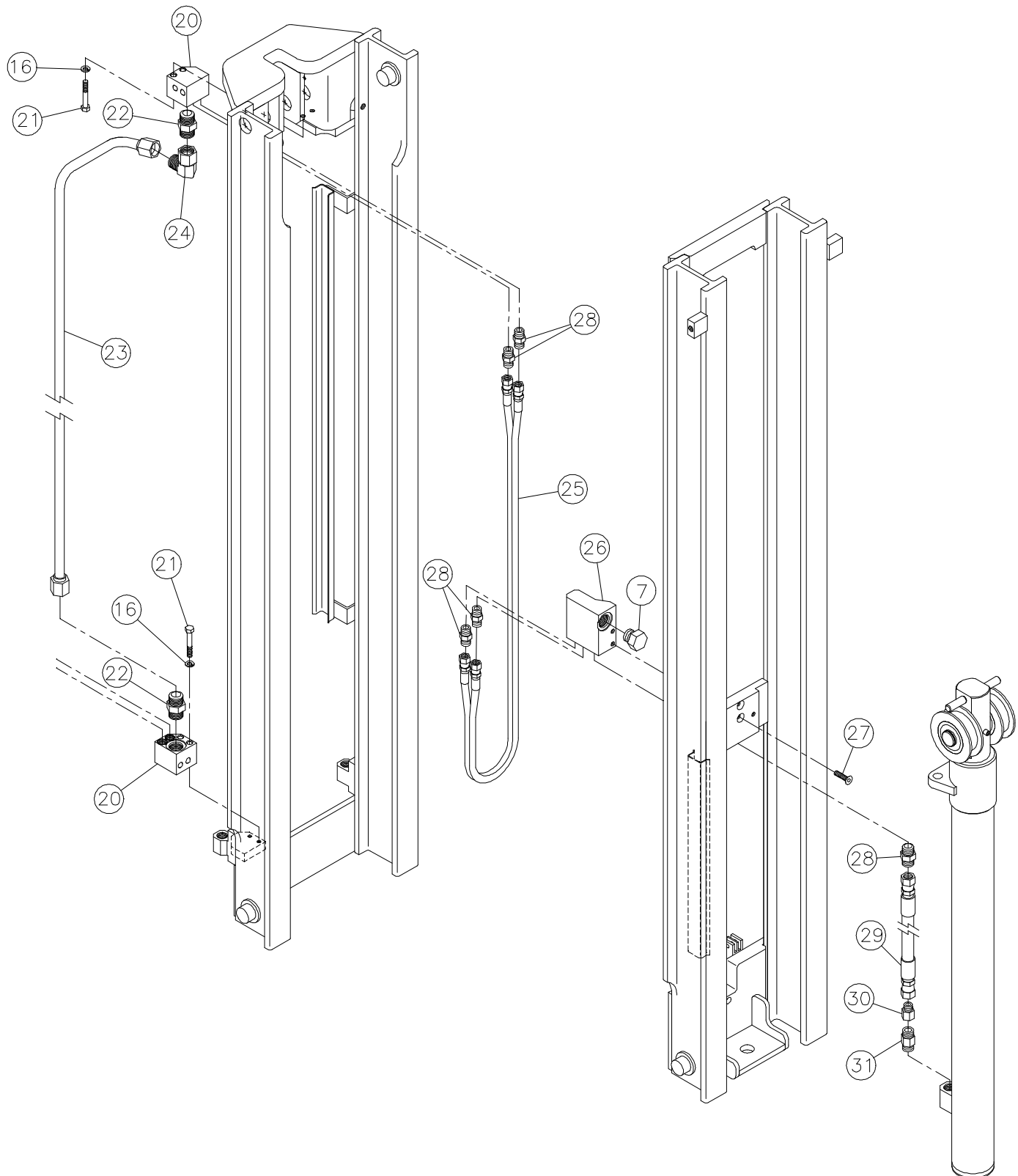
ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
39	00593-10151-71	Hex Socket Head Screw, 1/2-13 x 1"	4	
40	00593-10078-71	Heavy Duty Snap Ring, 1-1/8"	1	
41	00593-10893-71	Cylinder Strap	1	
42	00593-10040-71	Hex Cap Screw, 1/4-20 x 3/4"	1	
43	00593-10771-71	QFV-Mast Std Center Cyl Sheave Pin	1	
44	00593-10842-71	Chain / Hose Safety Guide	1	
45	00593-10080-71	Snap Ring, 1-3/8"	2	
46	00593-10079-71	Snap Ring, 5/8"	2	
47	See Table	Center Chain	2	
49	00593-10834-71	Sheave Pin, QFV-Mast Standard	1	

* Consult factory for availability of mast rails. Provide the following information when inquiring about mast rails:

Truck Model & Serial Number, Mast Serial Number

LOWERED-MAX FORK HEIGHT	ITEM 9	ITEM 10	ITEM 11	ITEM 47
	OUTER CYLINDER	CENTER CYLINDER	OUTER & MIDDLE CHAIN	CENTER CHAIN
71-199	00593-11397-71	00593-11425-71	00593-10854-71	00593-10857-71
77-223	00593-11400-71	00593-11426-71	00593-10858-71	00593-10861-71
83-241	00593-11403-71	00593-11427-71	00593-10862-71	00593-10865-71
89-259	00593-11406-71	00593-11428-71	00593-10866-71	00593-10869-71
95-277	00593-11409-71	00593-11429-71	00593-10870-71	00593-10873-71



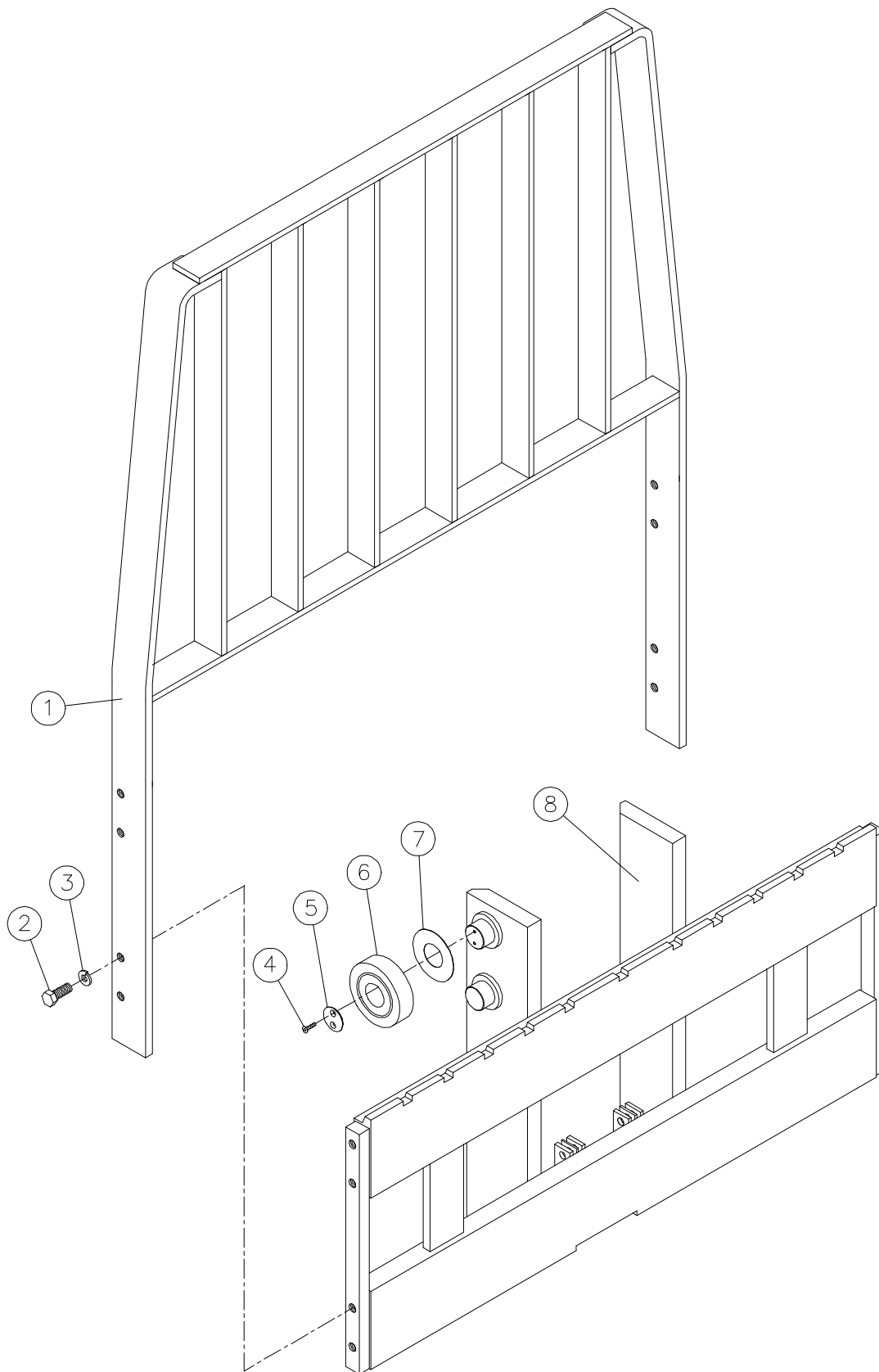


TOYOTA Electric Stand Up**QFV-Mast (Standard) Lift Hydraulics**

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20 , 23, 25, 28
 ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10679-71	Hose, #10 x 16.5", Chassis - Mast	1	
2	00593-10234-71	Str. Thread Adapter, #10 _{SAE} X #10 _{JIC}	2	
3	00593-10578-71	Lowering Control Valve	1	
4	00593-10010-71	O-Ring, #10	1	
5	00593-10234-71	Adapter, #12 _{SAE} X #10 _{JIC}	1	#12 O-Ring: 00593-10011-71
6	00593-10888-71	Lift Hydraulic Distributor Block	1	
7	00593-10023-71	Hex Head Plug, 1-1/16-12	3	
8	00593-10120-71	Str. Thread Adapter, #8 _{SAE} X #8 _{JIC}	1	#8 O-Ring: 00593-10012-71
9	00593-10035-71	90° Elbow Adapter, #8 _{SAE} X #8 _{JIC}	1	
10	00593-11277-71	Right Cylinder Tube	1	
11	00593-11276-71	Left Cylinder Tube	1	
12	00593-10177-71	Reducer, #10 _{JIC} Female X #8 _{JIC} Male	2	
13	00593-10200-71	Flow Fuse (15 gpm), #10 _{SAE} X #10 _{JIC}	2	
14	00593-10005-71	Straight Thread Adapter, #8 _{SAE} X #6 _{JIC}	2	
15	00593-10134-71	Hex Cap Screw, 3/8-16 x 5/8"	2	
16	00593-10055-71	Lock Washer (Split Type), 3/8"	6	
17	00593-10054-71	Flat Washer, 3/8"	2	
18	See Table	Twin Line Hose Assembly, #6	1	
19	00593-10181-71	Pressure Check Port	1	
20	00593-10310-71	Standard Quad Manifold Assembly	2	#6 O-Ring: 00593-10009-71
21	00593-10052-71	Hex Head Screw, 3/8-16 x 2-3/4"	4	
22	00593-10008-71	Adapter, #12 _{SAE} X #12 _{JIC}	2	
23	See Table	Standard Quad Inner Middle Tube	1	
24	00593-10154-71	90° Elbow Adapter, #12 _{SAE} X #12 _{JIC}	1	
25	See Table	Twin Line Hose Assembly, #6	1	
26	00593-10309-71	Standard Quad Large Manifold	1	
27	00593-10466-71	Flat Head Screw, 3/8-16 x 1-1/2"	2	
28	00593-10004-71	Adapter, #6 _{SAE} X #6 _{JIC}	6	
29	See Table	Hose Assembly, #10	1	
30	00593-10166-71	Reducer, #12 _{JIC} Female x #10 _{JIC} Male	1	
31	00593-10549-71	Flow Fuse (25 gpm), #12 _{SAE} X #12 _{JIC}	1	

LOWERED -MAX FORK HEIGHT	ITEM 18 - CENTER CYL FEED (LOWER)		ITEM 23 - INNER MIDDLE TUBE	ITEM 25 - CENTER CYL FEED (UPPER)	ITEM 29 - CENTER CYL FEED (SHORT)
	Standard	Freezer Cond.			
71-199	00593-11100-71	00593-11641-71	00593-11317-71	00593-11106-71	00593-11083-71
77-223	00593-11123-71	00593-11642-71	00593-11318-71	00593-11129-71	
83-241	00593-11146-71	00593-11643-71	00593-11319-71	00593-11152-71	00593-11082-71
89-259	00593-11169-71	00593-11644-71	00593-11320-71	00593-11175-71	
95-277	00593-11192-71	00593-11645-71	00593-11321-71	00593-11198-71	



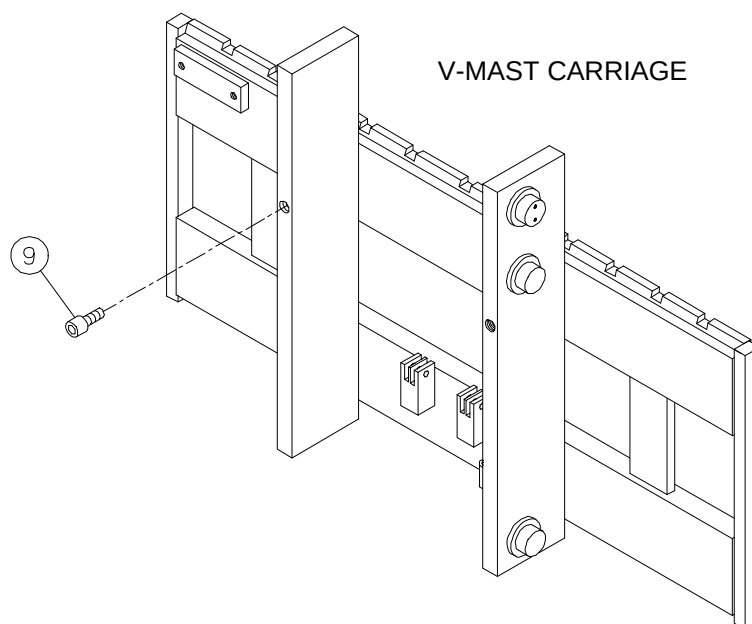
TOYOTA Electric Stand Up

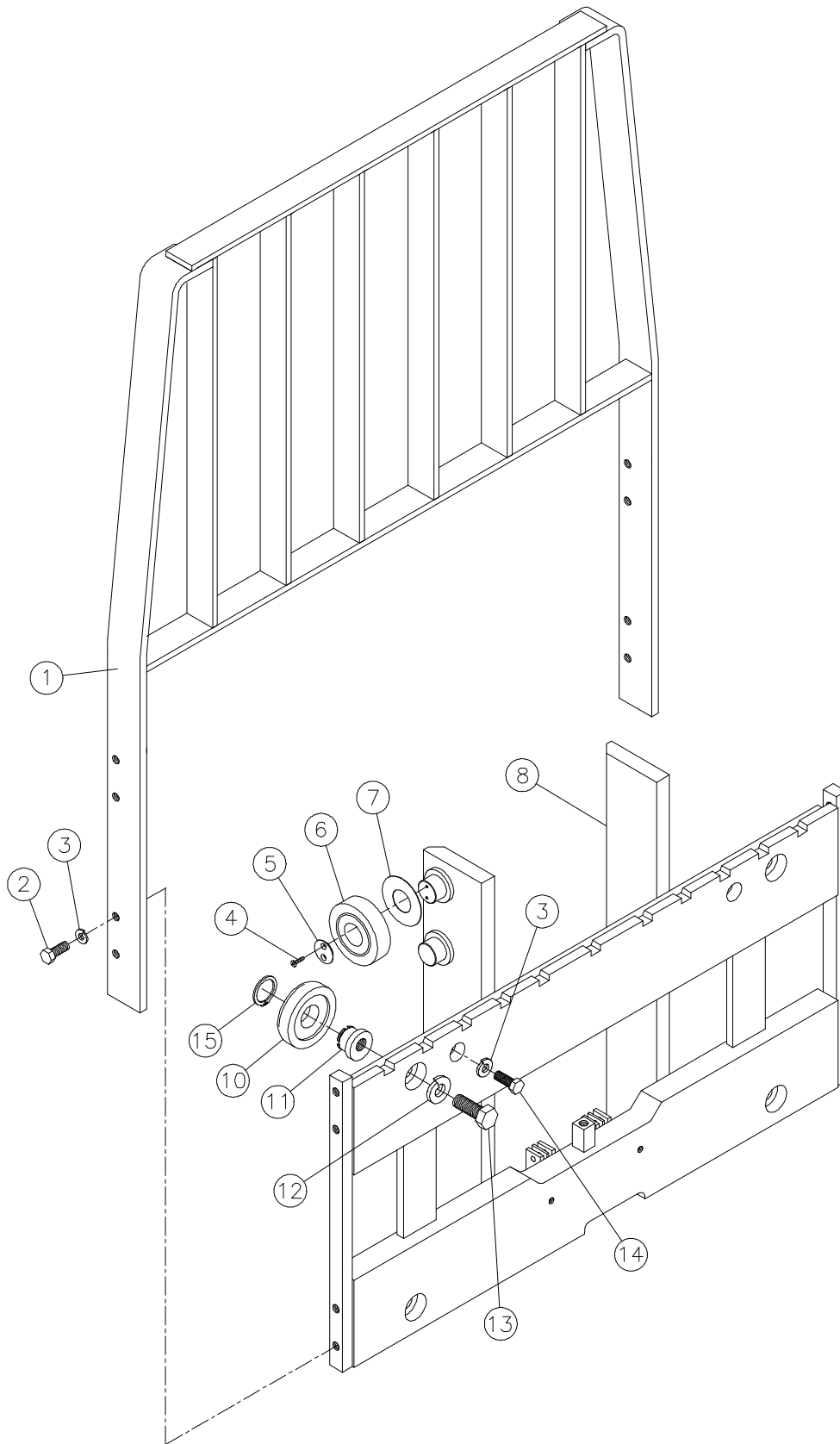
Standard Carriage & Load Backrest

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23 , 25, 28
ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10951-71	Load Backrest, 48" High	1	
2	00593-10471-71	Hex Cap Screw, 1/2-13 x 1-1/4" Gr 8	8	
3	00593-10063-71	Lock Washer (Split Type), 1/2"	8	
4	00593-10218-71	Socket Flat Hd Screw, #10-24 x 3/4"	4	
5	00593-10660-71	Retainer Washer	2	
6	00593-10216-71	Carriage Bearing	6	6BNCU15 - 23
	00593-10368-71	Carriage Bearing	6	6BNCU25 - 28
7	00593-10845-71	Shim, 0.010" Thick	A/R	
	00593-10846-71	Shim, 0.032" Thick	A/R	
8	See Table	Carriage	1	
9	00593-10474-71	Socket Head Screw, 5/8-11 x 1"	2	V-Mast Carriage Stops

ITEM 8 - CARRIAGE					
MAST	WIDTH	6BNCU15-23 Standard	6BNCU15-23 Wide	6BNCU25-28 Standard	6BNCU25-28 Wide
V-Mast	39"	00593-10902-71	00593-10906-71	00593-10910-71	00593-10913-71
FV-Mast	39"	00593-10901-71	00593-10905-71	00593-10909-71	00593-10912-71
FSV-Mast	39"	00593-10900-71	00593-10904-71	00593-10908-71	00593-10911-71
FSV-Mast	49.5"				00593-10915-71
QFV-Mast Wide	39"		00593-10907-71		00593-10914-71
QFV-Mast Std	39"	00593-10903-71		00593-10903-71	





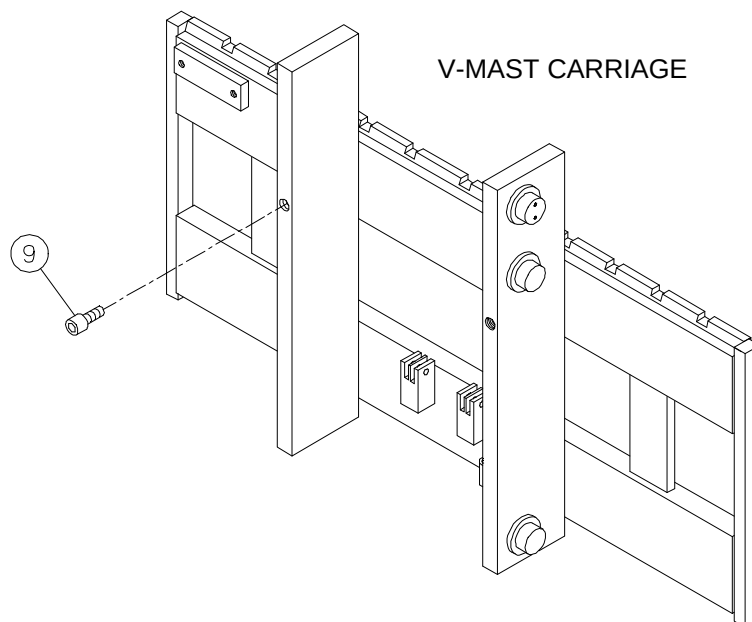
TOYOTA Electric Stand Up

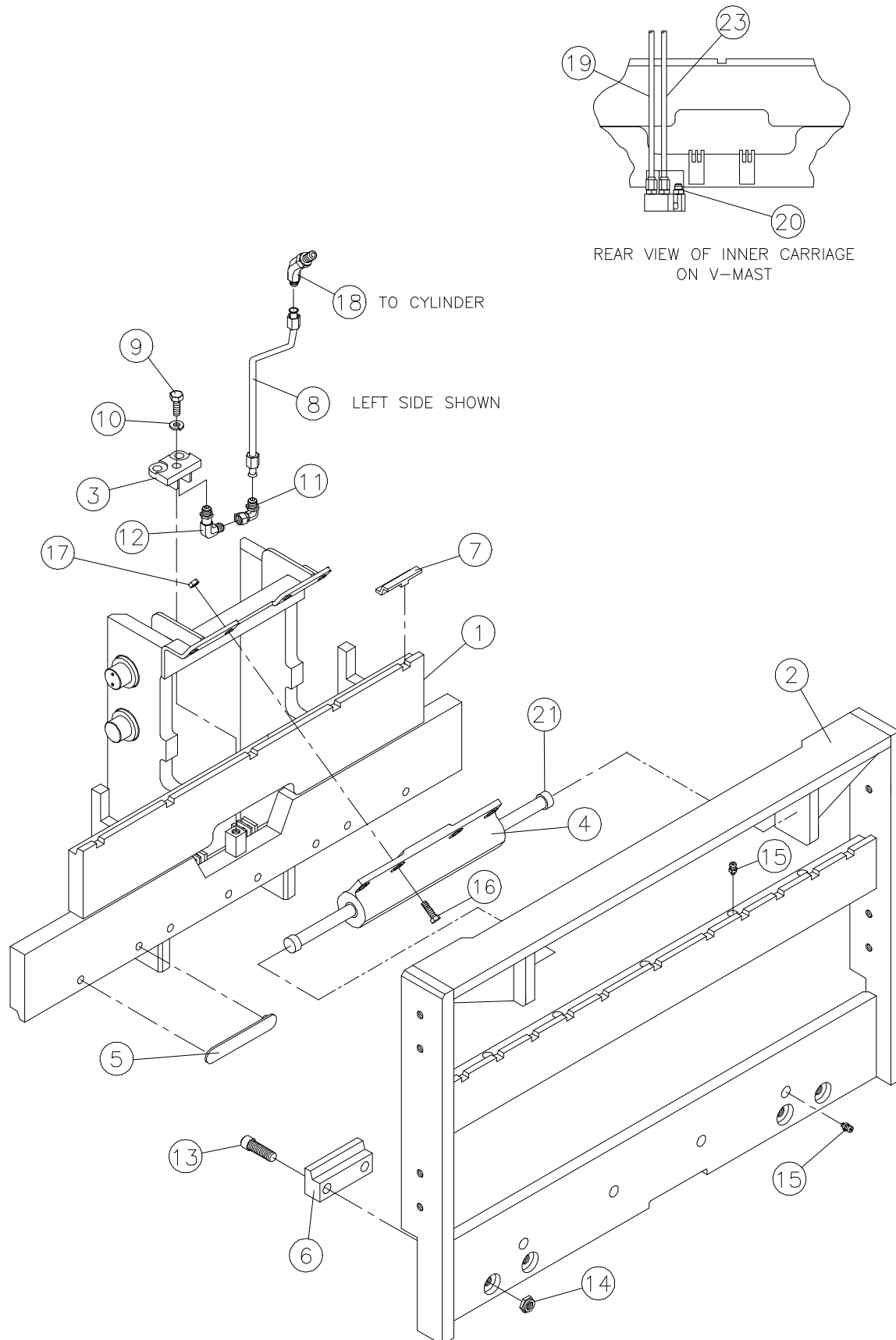
Side-Thrust Carriage & Load Backrest

THIS PAGE APPLIES TO
MODELS 6BNCU25, 28, 30
ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-11533-71	Load Backrest, 39" x 48" Tapered	1	6BNCU30
	00593-11534-71	Load Backrest, 48" x 48" Tapered	1	6BNCU30
	00593-10951-71	Load Backrest, 39" x 48" Tapered	1	6BNCU25-28
2	00593-10471-71	Hex Screw, 1/2-13 x 1-1/4" Gr 8	8	
3	00593-10063-71	Lock Washer (Split Type), 1/2"	10	
4	00593-10218-71	Socket Flat Hd Screw, #10-24 x 3/4"	4	
5	00593-10660-71	Retainer Washer	2	
6	00593-10368-71	Carriage Bearing	6	
7	00593-10845-71	Shim, 0.010" Thick	A/R	
	00593-10846-71	Shim, 0.032" Thick	A/R	
8	See Table	Carriage	1	
9	00593-10474-71	Socket Head Screw, 5/8-11 x 1"	2	V-Mast Carriage Stops
10	00593-11535-71	Thrust Bearing	4	
11	00593-11536-71	Stud, Thrust Bearing	4	
12	00593-11537-71	Lock Washer, 3/4"	4	
13	00593-11538-71	Hex Screw, 3/4-16 x 2" Gr8	4	Torque to 325 lb-ft
14	00593-11539-71	Hex Screw, 1/2-13 x 1-1/2"	2	All except V-Mast
15	00593-10080-71	Snap Ring, 1-3/8"	4	

ITEM 8 - CARRIAGE				
MAST	WIDTH	6BNCU30	6BNCU25-28 Standard	6BNCU25-28 Wide
V-Mast	39"	00593-11540-71	00593-11544-71	00593-11546-71
FSV-Mast	39"	00593-11541-71	00593-11545-71	00593-11547-71
FSV-Mast	48"	00593-11542-71		
QFV-Mast Wide	39"	00593-11543-71		00593-11548-71





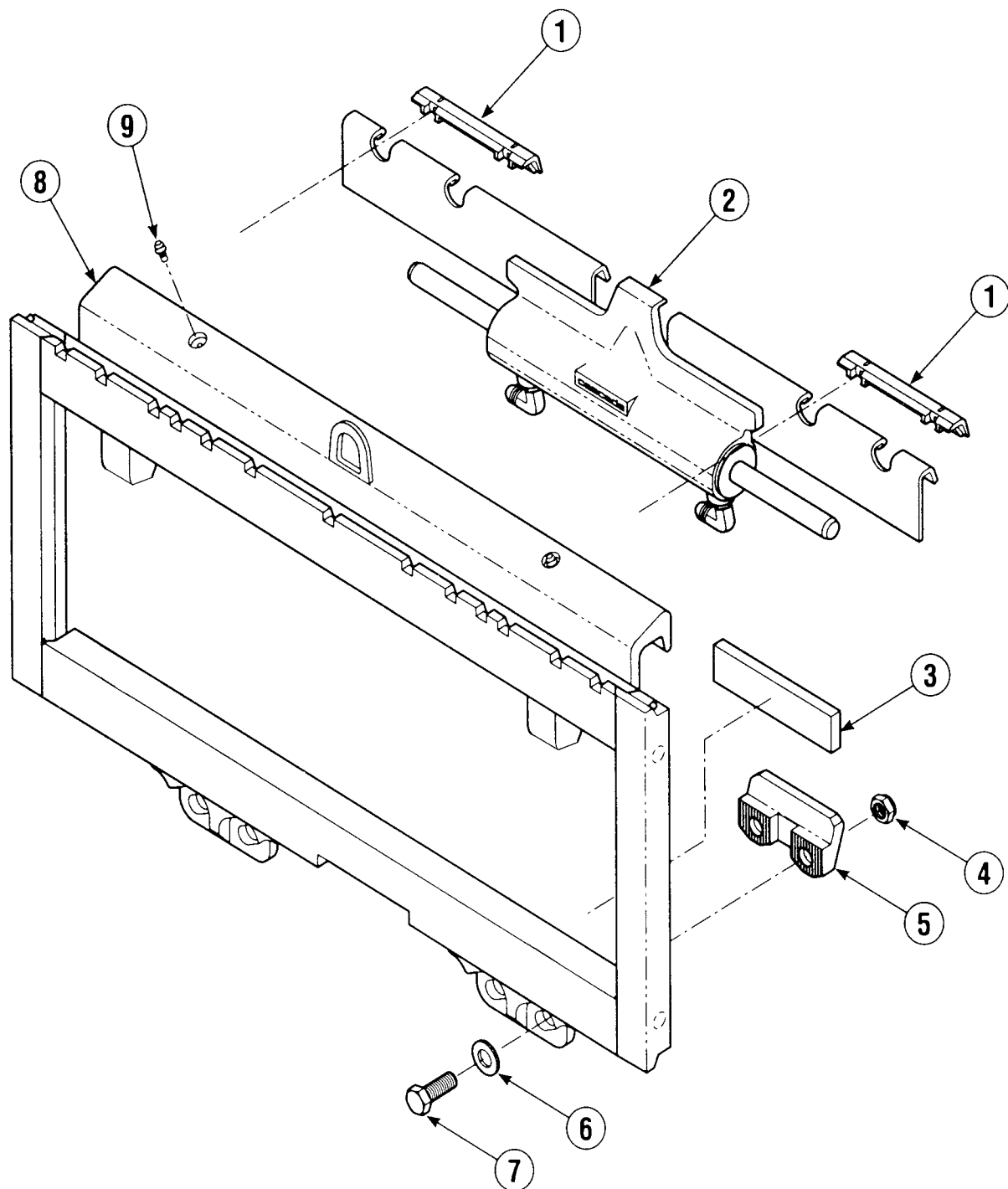
TOYOTA Electric Stand Up*Integral Sideshift Carriage*

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28
 ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	See Table	Inner Carriage	1	
2	00593-10312-71	Front Carriage	1	
3	00593-10315-71	Hose Bracket	1	FV, FSV, QFV only
4	00593-10318-71	Side Shift Cylinder	1	
	00593-10632-71	Seal Kit		
5	00593-10019-71	Mast Slide Wear Strip	4	
6	00593-10314-71	Lock Block	2	
7	00593-10033-71	Upper Mast Slide Wear Strip	5	
8	00593-11287-71	Left Integral Side Shift Tube	1	FV, FSV, QFV only
	00593-11286-71	Right Integral Side Shift Tube	1	FV, FSV, QFV only
9	00593-10107-71	Hex Cap Screw, 1/2-13 x 1-1/4"	1	FV, FSV, QFV only
10	00593-10063-71	Lock Washer (Split Type), 1/2"	1	FV, FSV, QFV only
11	00593-10125-71	90° Swivel Elbow, #6	2	FV, FSV, QFV only
12	00593-10205-71	90° Bulkhead Elbow, #6	2	FV, FSV, QFV only
13	00593-10473-71	Screw, 5/8-11 x 1-1/2" (Grade 8)	4	
14	00593-10444-71	Jam Lock Nut (Flex Type), 5/8-11	4	
15	00593-10074-71	Grease Zerk, 1/8 _{NPT} male	9	
16	00593-10152-71	Screw, 1/2-13 x 1-1/4" (Grade 8)	4	
17	00593-10108-71	Nylon Lock Nut, 1/2-13	4	
18	00593-10021-71	45° Flare Adapter	2	All except QFV Std
	00593-10034-71	90° Elbow Adapter with O-ring	2	QFV Standard only
19	00593-11313-71	V-Mast Int Side Shift Tube - Left	1	Standard Width
	00593-11314-71	V-Mast Int Side Shift Tube - Left	1	Wide Track
20	00593-10004-71	Str. Thread Connector, #6 _{SAE} - #6 _{JIC}	4	V-Mast
21	00593-10319-71	End Cap	2	
22	00593-10952-71	Load Backrest, 48" High	1	
23	00593-11315-71	V-Mast Int Sideshift Tube - Right	1	Standard Width
	00593-11316-71	V-Mast Int Sideshift Tube - Right	1	Wide Track

See Standard Carriage & LBR for carriage bearings.

Item 1 - Inner Carriage					
MAST	V-Mast	FV-Mast	FSV-Mast	QFV-Mast Wide	QFV-Mast Std
6BNCU15-23 Std	00593-10939-71	00593-10935-71	00593-10931-71		00593-10945-71
6BNCU15-23 Wide	00593-10940-71	00593-10936-71	00593-10932-71	00593-10943-71	
6BNCU25-28 Std	00593-10941-71	00593-10937-71	00593-10933-71		00593-10945-71
6BNCU25-28 Wd	00593-10942-71	00593-10938-71	00593-10934-71	00593-10944-71	
Integral Sideshift Carriage Complete Assembly (does not include bearings or LBR)					
6BNCU15-23 Std	00593-10918-71	00593-10917-71	00593-10916-71		00593-10919-71
6BNCU15-23 Wide	00593-10922-71	00593-10921-71	00593-10920-71	00593-10923-71	
6BNCU25-28 Std	00593-10926-71	00593-10925-71	00593-10924-71		00593-10919-71
6BNCU25-28 Wd	00593-10929-71	00593-10928-71	00593-10927-71	00593-10930-71	

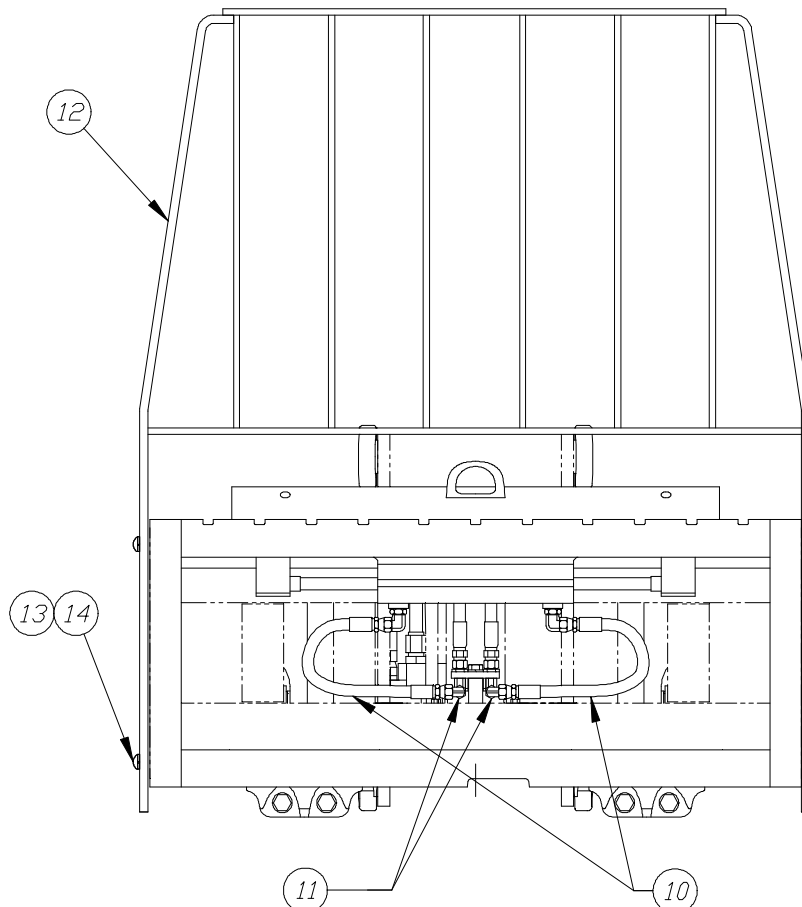


TOYOTA *Electric Stand Up*

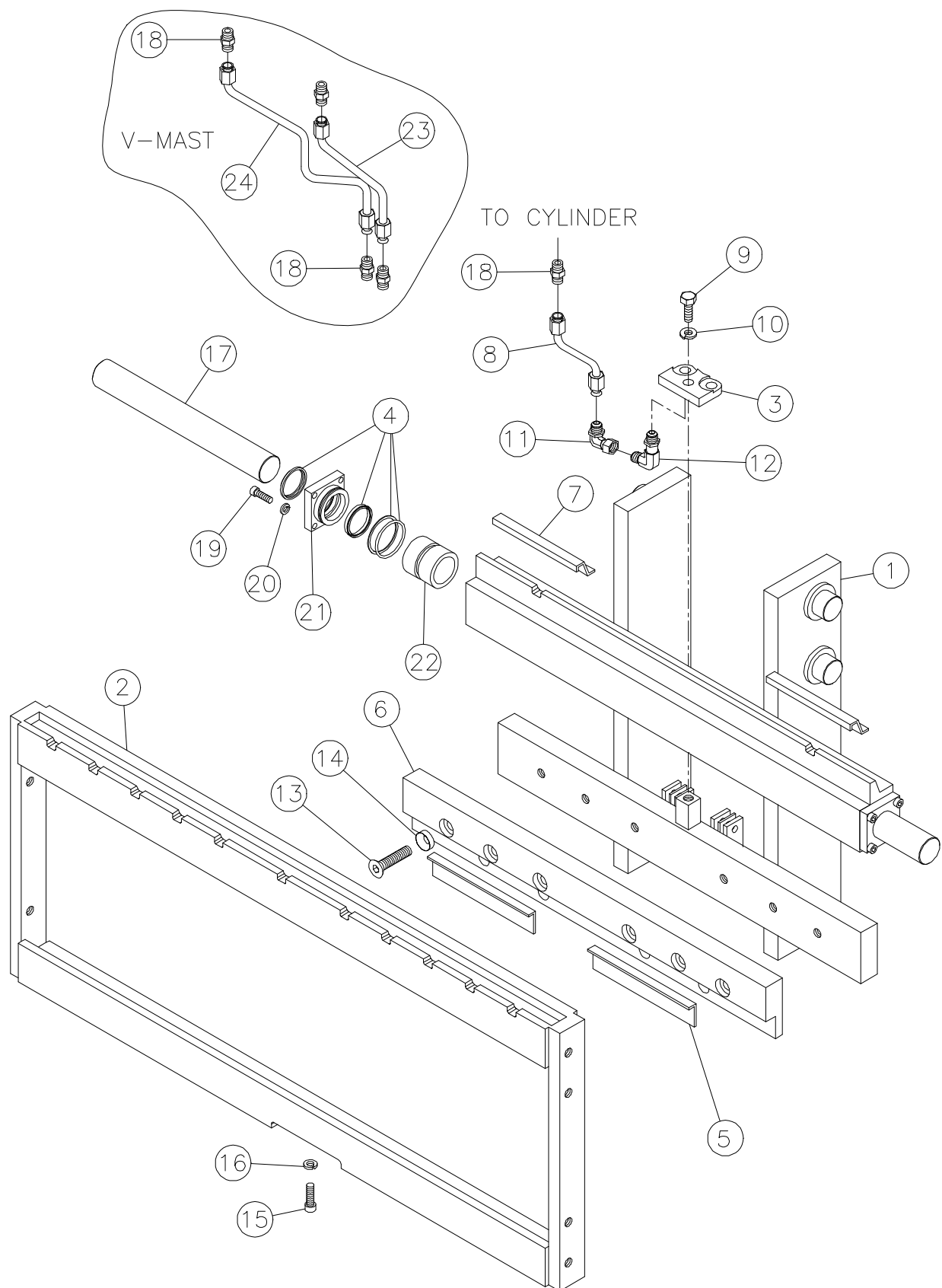
Hang-On Sideshift Assembly

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
	00593-10643-71	Hang-On Sideshift Assembly, 39" (55E-SS-A047)		Includes 1 - 9
1	00593-10247-71	Upper Bearing	2	
2	Not Sold Sep.	Sideshift Cylinder Assembly	1	
	00593-10632-71	Seal Kit for Sideshift Cylinder		See Service Manual
3	00593-10248-71	Lower Bearing	2	
4	00593-10145-71	Hex Nut, 5/8-11	4	
5	00593-10249-71	Lower Hook	2	
6	00593-10085-71	Washer	4	
7	00593-10132-71	Hex Cap Screw, 5/8-11 x 1-1/2"	4	
8	Not Sold Sep.	Frame	1	
9	00593-10074-71	Grease Zerk	2	
10	00593-11079-71	Hose Assembly, #6 x 24"	2	
11	00593-10125-71	Flare Adapter, Swivel Nut 90° Elbow	2	
12	00593-10951-71	Tapered Load Backrest, 39" wide	1	
13	00593-10236-71	Button Head Screw, 1/2-13 x 1-1/4"	4	
14	00593-10063-71	Lock Washer (Split Type), 1/2"	4	



TOYOTA *Electric Stand Up* *Integral Sideshift Carriage (Accepts Attachments)*



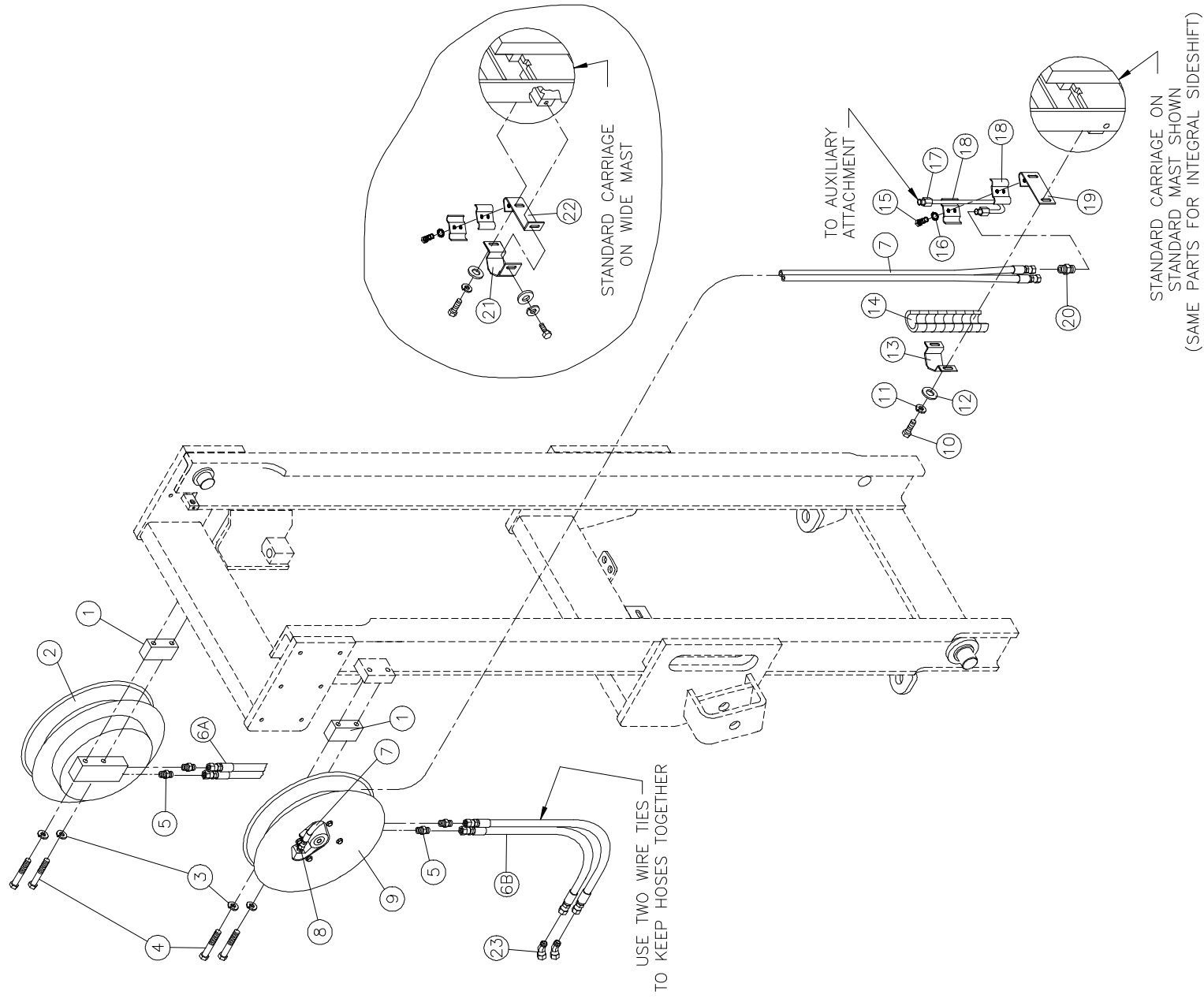
TOYOTA *Electric Stand Up* *Integral Sideshift Carriage (Accepts Attachments)*

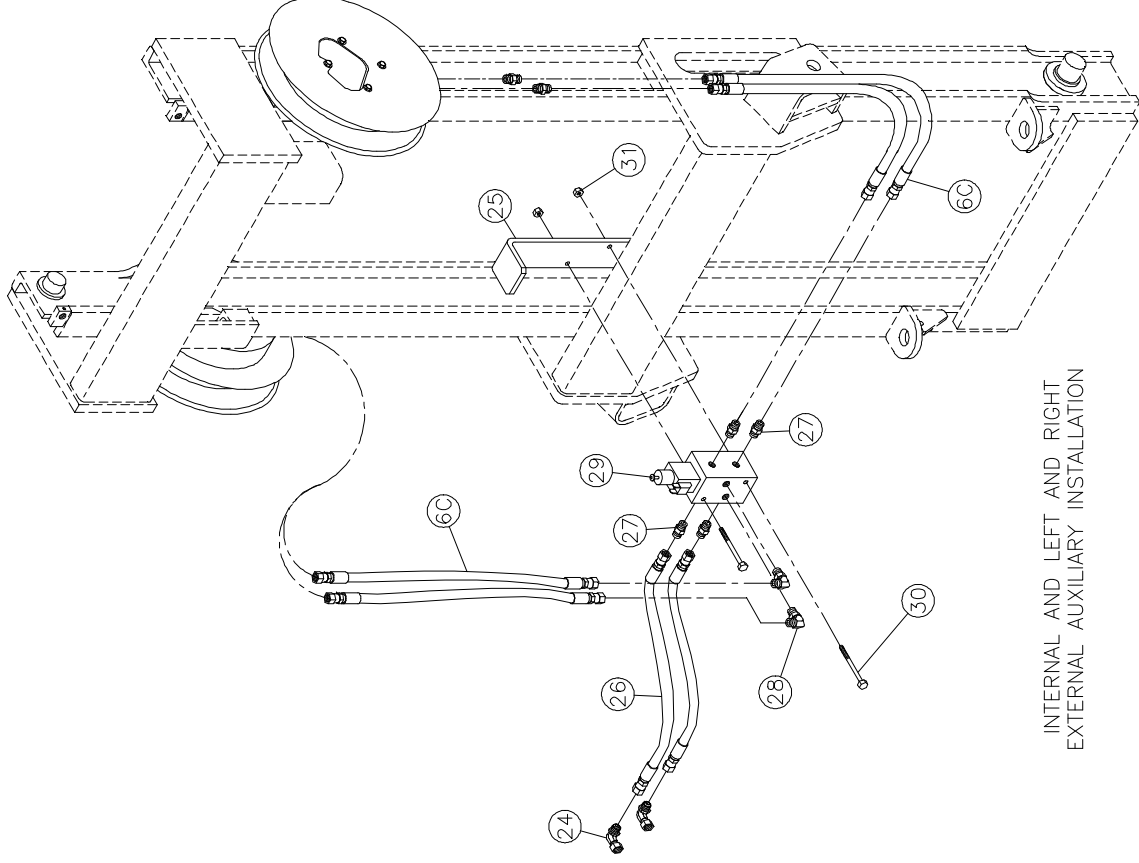
THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	Not Sold Sep.	Inner Carriage & Cylinder	1	
2	Not Sold Sep.	Front Carriage	1	
3	00593-10313-71	Hose Bracket	1	FV, FSV, QFV only
4	00593-10640-71	Seal Kit		
5	00593-10317-71	Lower Wear Strip	2	
6	Not Sold Sep.	Lower Support Bar	1	
7	00593-10316-71	Upper Wear Strip	2	
8	00593-10567-71	Tube Assembly, #6	2	FV, FSV, QFV only
9	00593-10107-71	Hex Cap Screw, 1/2-13 x 1-1/4"	1	FV, FSV, QFV only
10	00593-10063-71	Lock Washer (Split Type), 1/2"	1	FV, FSV, QFV only
11	00593-10125-71	90° Swivel Elbow, #6	2	FV, FSV, QFV only
12	00593-10205-71	90° Bulkhead Elbow, #6	2	FV, FSV, QFV only
13	00593-10541-71	Screw, M12-1.75 x 55mm (G10.9)	6	
14	00593-10548-71	Special Washer	6	
15	00593-10539-71	Screw, M8-1.25 x 12mm (G8.8)	1	
16	00593-10545-71	Lock Washer, M8	1	
17	00593-10320-71	Cylinder Rod	2	
18	00593-10004-71	Adapter, #6SAE - #6JIC	2	
19	00593-10540-71	Screw, M6-1.0 x 18mm (G8.8)	8	
20	00593-10546-71	Serrated Lock Washer, M6	8	
21	00593-10321-71	Flange	2	
22	00593-10322-71	Rod Slide	2	
23	00593-11328-71	Integral Sideshift Tube - Left	1	V-Mast
24	00593-11327-71	Integral Sideshift Tube - Right	1	V-Mast
25	00593-10951-71	Load Backrest, 48" Tapered	1	

See Standard Carriage & LBR for carriage bearings.

Integral Sideshift Carriage Complete Assembly (does not include bearings or LBR)				
MAST	V-Mast	FV-Mast	FSV-Mast	QFV-Mast Wide
6BNCU15-23 Std	00593-10950-71	00593-10948-71	00593-10946-71	
6BNCU15-23 Wd			00593-10947-71	00593-10949-71





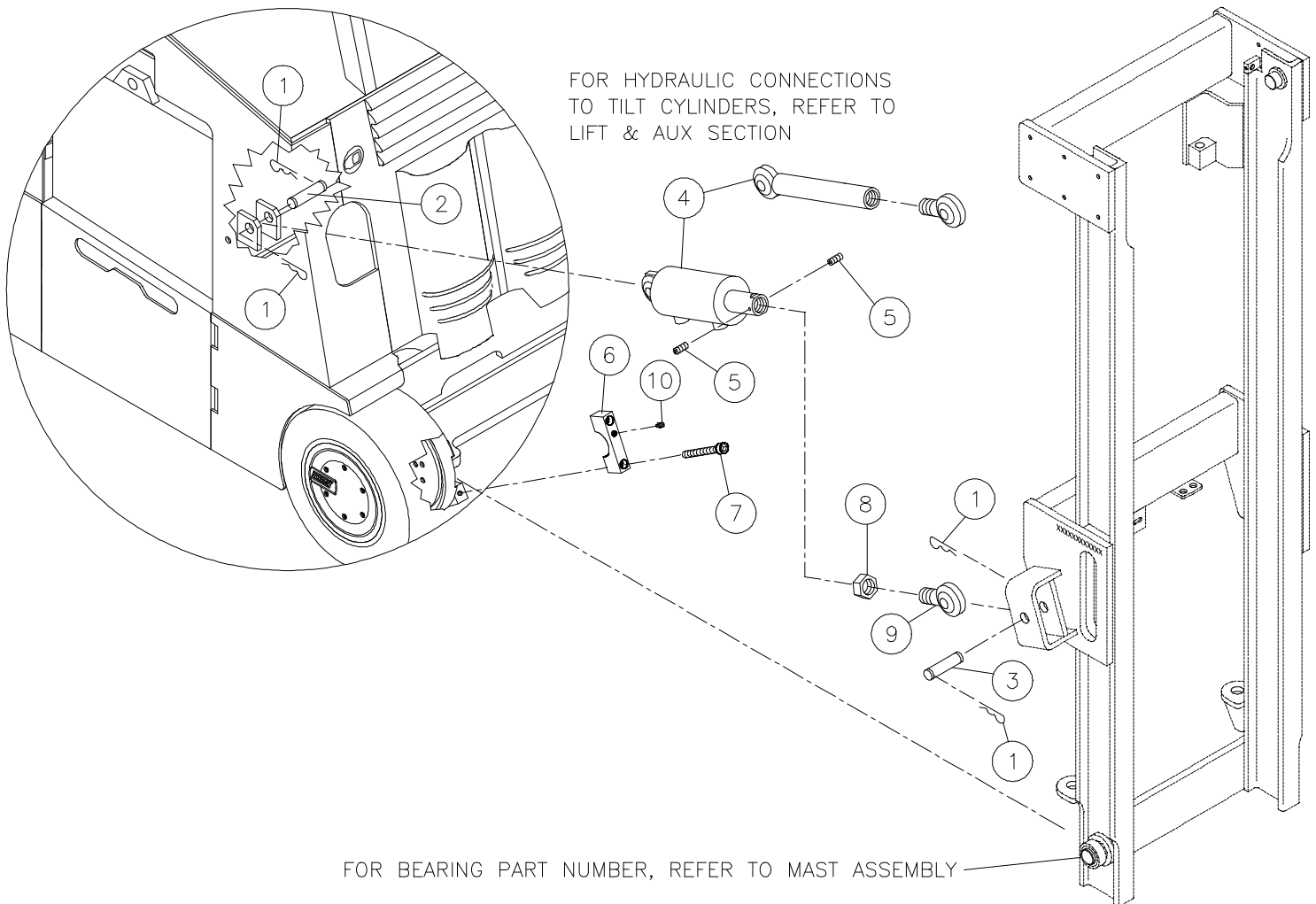
INTERNAL AND LEFT AND RIGHT
EXTERNAL AUXILIARY INSTALLATION

TOYOTA Electric Stand Up*External Reeving*

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30
 ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10671-71	External Aux. Hyd. Spacer - FSV-Mast	1	For 13" Hose Reel
	00593-10961-71	External Aux. Hyd. Spacer - FSV Mast	1	For 16" Hose Reel
	00593-10962-71	External Aux. Hyd. Spacer - V-Mast	1	
2	00593-10192-71	13" Left Reel Kit (71" - 95" mast)	1	Includes items 2, 5, 7, 13,
	00593-10230-71	16" Left Reel Kit (101" - 125" mast)	1	14
3	00593-10063-71	Lock Washer, 1/2"	2	
4	00593-10062-71	Hex Head Cap Screw, 1/2-13 x 4-1/2"	2	For 13" Hose Reel
	00593-10126-71	Hex Head Cap Screw, 1/2-13 x 6"	2	For 16" Hose Reel
	00593-10097-71	Hex Head Cap Screw, 1/2-13 x 4"	2	For Simplex
5	00593-10004-71	Straight Thread Connector, #6	2	Included with Items 2 & 9
6A	See Table	Left External Auxiliary Feed Hose	2	
6B	See Table	Right External Auxiliary Feed Hose	2	
6C	See Table	Both External Auxiliary Feed Hose	4	
7	IN KIT	Twin Line Hose Assembly, #6	1	Included with items 2 & 9
8	00593-10004-71	Straight Thread Connector, #6	2	Included with Items 2 & 9
9	00593-10194-71	13" Right Reel Kit (71" - 95" mast)	1	Includes items 9, 5, 7, 13,
	00593-10231-71	16" Right Reel Kit (101" - 125" mast)	1	14
10	00593-10092-71	Hex Head Cap Screw, 3/8-16 x 3/4"	2	
11	00593-10055-71	Lock Washer (Split Type), 3/8"	2	
12	00593-10054-71	Flat Washer, 3/8"	2	
13	IN KIT	Hose Terminal Down Clamp	1	Included with items 2 & 9
14	00593-10195-71	Hose Terminal Down	1	Included with items 2 & 9
15	00593-10067-71	Hex Head Cap Screw, 1/4-20 x 1"	2	Included with item 17
16	00593-10139-71	Lock Nut (Deformed thread), 1/4-20	2	Included with item 17
17	00593-10193-71	Hose Terminal Up Connection Kit (Two Auxiliary Tubes Included)	1	Includes items 15, 16, 17, 18, 19, 20
18	IN KIT	Tube Assembly Clamp	1	Included with item 17
19	IN KIT	Tube Mount Plate	1	Included with item 17
20	00593-10128-71	#6 Adapter Union	2	Included with item 17
21	00593-10324-71	Hose Terminal Down Clamp	1	For wide mast
22	00593-10325-71	Tube Mount Plate	1	For wide mast
23	00593-10156-71	45° Flare Adapter, #6	2	
24	00593-10125-71	90° Swivel Nut Elbow Flare Adapter	2	
25	00593-10326-71	Dual Ext Reeving Valve Mt. Bracket	1	Welded to mast
26	00593-10680-71	Hose, #6	2	
27	00593-10004-71	Straight Thread Connector, #6	4	
28	00593-10034-71	90° Str Thread Elbow Flare Adapter	2	
29	00593-10240-71	Solenoid Selector Valve	1	
30	00593-10461-71	Hex Cap Screw, 1/4-20 x 3-1/2"	2	
31	00593-10114-71	Nylon Lock Nut, 1/4-20		

LOWERED HEIGHT	ITEM 6A	ITEM 6B	ITEM 6C
	LEFT EXTERNAL AUX HOSE	RIGHT EXTERNAL AUX HOSE	BOTH EXTERNAL AUX HOSE
71"	00593-11089-71	00593-11090-71	00593-11091-71
77"	00593-11112-71	00593-11113-71	00593-11114-71
83"	00593-11135-71	00593-11136-71	00593-11137-71
89"	00593-11158-71	00593-11159-71	00593-11160-71
95"	00593-11181-71	00593-11182-71	00593-11183-71
101"	00593-11204-71	00593-11205-71	00593-11206-71
107"	00593-11220-71	00593-11221-71	00593-11222-71
113"	00593-11232-71	00593-11233-71	00593-11234-71
119"	00593-11244-71	00593-11245-71	00593-11246-71
125"	00593-11255-71	00593-11256-71	00593-11257-71



TOYOTA Electric Stand Up*Mast Installation*

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10077-71	Cotter Style Hair Pin	8	
2	00593-10661-71	Tilt Cylinder Pin, 1"	2	
3	00593-10306-71	Tilt Cylinder Pin, 1"	2	Threaded hole in both ends
4	See Table	Tilt Cylinder	2	Does not include rod end
	00593-10638-71	Seal Kit for tilt cylinder		
	00593-11549-71	Link Assembly - No Tilt	2	For 6BVNCU13
5	00593-10150-71	Nylon Locking Set Screw, 1/4-20 x 3/8"	4	
6	00593-10254-71	Mast Mount Plate	2	
7	00593-10149-71	Socket Head Screw, 1/2-13 x 1-3/4" (Grade 5)	4	
8	00593-10199-71	Hex Jam Nut, 1-1/4-12	2	
9	00593-10662-71	Rod End, 1" Male	2	
10	00593-10074-71	Grease Zerk	2	

TILT CYLINDER PART NUMBERS		
MAST TYPE	TILT ANGLE	CYLINDER PART NO.
V-MAST FV-MAST FSV-MAST	3°/5°	00593-11432-71
	8°/5°	00593-11430-71
	10°/5°	00593-11431-71
QFV-MAST (STANDARD & WIDE)	3°/3°	00593-11435-71
	8°/3°	00593-11434-71
	10°/3°	00593-11433-71

TOYOTA Electric Stand Up*Forks*

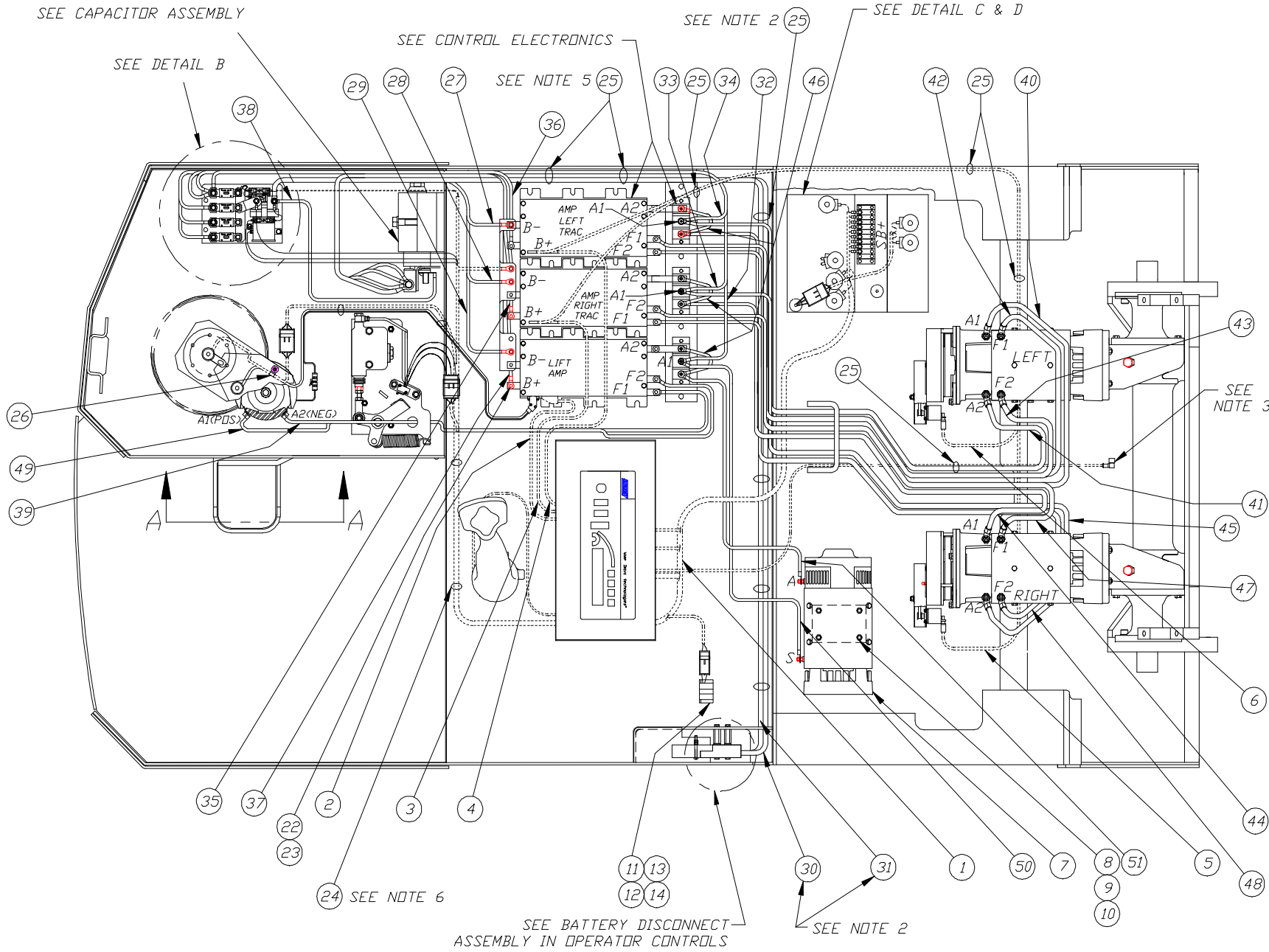
THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

PART NO.	FOR MODELS	DESCRIPTION
00593-10144-71	All	Fork Lock Pin Kit

PART NO.	FOR MODELS	TYPE	DIMENSIONS
00593-10024-71	6BNCU15 6BNCU17	CLASS II - Standard	1-1/4" x 4" x 36"
00593-10025-71		CLASS II - Standard	1-1/4" x 4" x 42"
00593-10026-71		CLASS II - Standard	1-1/4" x 4" x 48"
00593-10027-71		CLASS II - Standard	1-1/4" x 4" x 54"
00593-10028-71		CLASS II - Polished and Tapered	1-1/4" x 4" x 30"
00593-10029-71		CLASS II - Polished and Tapered	1-1/4" x 4" x 36"
00593-10030-71		CLASS II - Polished and Tapered	1-1/4" x 4" x 42"
00593-10031-71		CLASS II - Polished and Tapered	1-1/4" x 4" x 48"
00593-10186-71	6BNCU15 6BNCU17 6BNCU18 6BNCU19 6BNCU20 6BNCU23	CLASS II - Standard	1-1/2" x 4" x 36"
00593-10170-71		CLASS II - Standard	1-1/2" x 4" x 42"
00593-10171-71		CLASS II - Standard	1-1/2" x 4" x 48"
00593-10187-71		CLASS II - Standard	1-1/2" x 4" x 54"
00593-10169-71		CLASS II - Standard	1-1/2" x 4" x 60"
00593-10172-71		CLASS II - Standard	1-1/2" x 4" x 72"
00593-10188-71		CLASS II - Polished and Tapered	1-1/2" x 4" x 36"
00593-10189-71		CLASS II - Polished and Tapered	1-1/2" x 4" x 42"
00593-10190-71		CLASS II - Polished and Tapered	1-1/2" x 4" x 48"
00593-10219-71	6BNCU25 6BNCU28 6BVNCU13	CLASS II - Standard	1-3/4" x 4" x 36"
00593-10220-71		CLASS II - Standard	1-3/4" x 4" x 42"
00593-10221-71		CLASS II - Standard	1-3/4" x 4" x 48"
00593-10222-71		CLASS II - Standard	1-3/4" x 4" x 54"
00593-10223-71		CLASS II - Standard	1-3/4" x 4" x 60"
00593-10224-71		CLASS II - Polished and Tapered	1-3/4" x 4" x 36"
00593-10225-71		CLASS II - Polished and Tapered	1-3/4" x 4" x 42"
00593-10226-71		CLASS II - Polished and Tapered	1-3/4" x 4" x 48"
00593-11550-71	6BNCU30	CLASS III - Standard	1-3/4" x 5" x 36"
00593-11551-71		CLASS III - Standard	1-3/4" x 5" x 42"
00593-11552-71		CLASS III - Standard	1-3/4" x 5" x 48"
00593-11553-71		CLASS III - Standard	1-3/4" x 5" x 54"
00593-11554-71		CLASS III - Polished and Tapered	1-3/4" x 5" x 36"
00593-11555-71		CLASS III - Polished and Tapered	1-3/4" x 5" x 42"
00593-11556-71		CLASS III - Polished and Tapered	1-3/4" x 5" x 48"
00593-11557-71		CLASS III - Polished and Tapered	1-3/4" x 5" x 54"

TOYOTA Electric Stand Up

Chassis Electrical Assembly

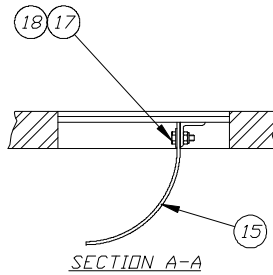


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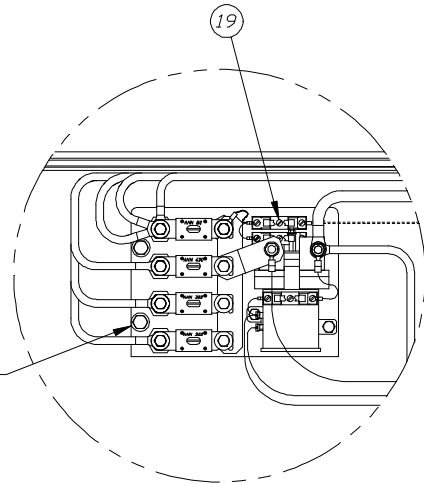
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TOYOTA Electric Stand Up

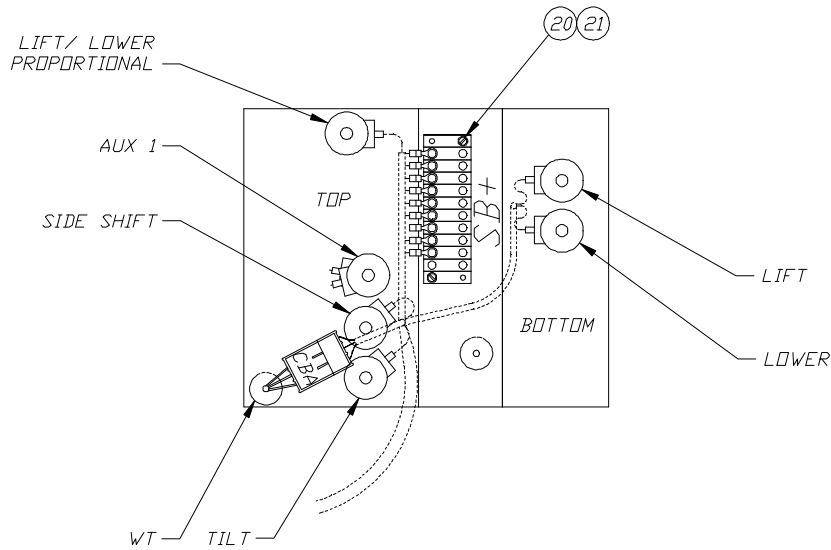
Chassis Electrical Assembly



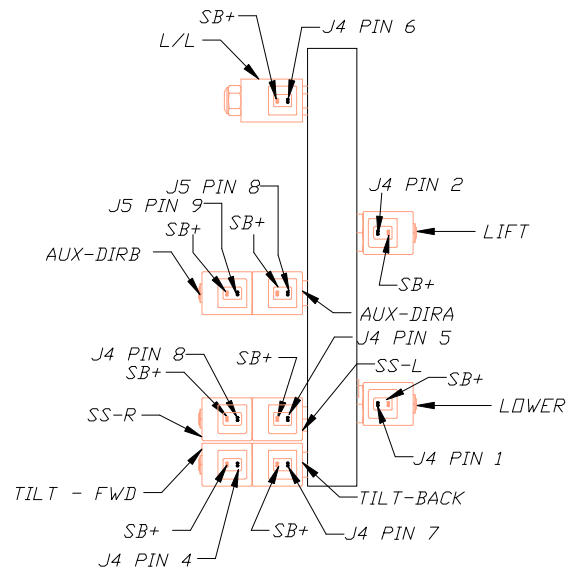
SEE CONTACTOR-FUSE PANEL



DETAIL B
CONTACTOR FUSE PANEL ASSEMBLY



DETAIL C
HYDRAULIC MANIFOLD/ELECTRICAL ASSEMBLY



DETAIL D
HYDRAULIC MANIFOLD ELECTRICAL
MAIN WIRING HARNESS REFERENCE DIAGRAM

TOYOTA Electric Stand Up*Chassis Electrical Assembly*

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10674-71	Standard Chassis Main Harness	1	
	00593-11044-71	Chassis Main Harness - EE	1	'EE'
2	00593-11030-71	Molded Cable, Lift Amp	1	
3	00593-11029-71	Molded Cable, Right Traction Amp	1	
4	00593-11028-71	Molded Cable, Left Traction Amp	1	
5	00593-11038-71	Harness, Encoder - Rt Traction Amp	1	See Note 1 for BWI
6	00593-11036-71	Harness, Encoder - Left Traction Amp	1	See Note 1 for BWI
7	00593-10371-71	Lift Pump Motor	1	
	00593-10374-71	Band Kit for Lift Motor	1	For 'EE' only
8	00593-10100-71	Hex Cap Screw, 5/16-18 x 1-1/4"	4	
9	00593-10047-71	Flat Washer, 5/16"	4	
10	00593-10118-71	Flange Lock Nut, 5/16-18	4	
11	00593-10271-71	Horn Assembly	1	
12	00593-10040-71	Hex Cap Screw, 1/4-20 x 3/4"	2	
13	00593-10042-71	Flat Washer, 1/4"	2	
14	00593-10043-71	Lock Washer, 1/4"	2	
15	00593-10738-71	Static Strap, Rubber, 5"	1	
	00593-10739-71	Static Strap, Rubber, 7"	1	For 'EE'
17	00593-10115-71	Hex Cap Screw, 1/4-20 x 1-1/4"	1	
18	00593-10114-71	Nylon Lock Nut, 1/4-20	1	
19	00593-10214-71	Pan Head Mach Screw, #6-32 x 1/4"	2	
20	00593-10155-71	Round Head Mach Screw, #6-32 x 5/8"	2	
21	00593-10106-71	Lock Washer, #6	2	
22	00593-10048-71	Hex Nut, 5/16-18	17	
23	00593-10046-71	Lock Washer, 5/16"	17	
24	00593-10246-71	4" Wire Tie	5	
25	00593-10127-71	7.25" Wire Tie	12	
26	00593-10165-71	Wire Clamp	1	
27	00593-11017-71	Cable, Capacitor - Left Traction Amp	1	
28	00593-11018-71	Cable, capacitor - Right Traction Amp	1	
29	00593-11015-71	Cable, Capacitor - Lift Amp	1	
30	00593-11006-71	Cable, Pos Batt Connector - MPC (IN)	1	'E'
	00593-11020-71	Cable, Pos Batt Connector - MPC (IN)	1	'EE'
31	00593-11016-71	Cable, Neg Batt Connector - B-	1	
32	00593-11007-71	Cabe, Fuse - Lift Amp A1	1	'E'
	00593-11021-71	Cabe, Fuse - Lift Amp A1	1	'EE'
33	00593-11008-71	Cable, Fuse - Rt Traction Amp A1	1	'E'
	00593-11022-71	Cable, Fuse - Rt Traction Amp A1	1	'EE'
34	00593-11009-71	Cable, Fuse - Lt Traction Amp A1	1	'E'
	00593-11023-71	Cable, Fuse - Lt Traction Amp A1	1	'EE'
35	00593-11011-71	Cable, Fuse - Rt Traction Amp FB+	1	'E'
	00593-11024-71	Cable, Fuse - Rt Traction Amp FB+	1	'EE'
36	00593-11012-71	Cable, Fuse - Lt Traction Amp FB+	1	'E'
	00593-11025-71	Cable, Fuse - Lt Traction Amp FB+	1	'EE'
37	00593-11013-71	Cable, Fuse - Lift Amp B+	1	'E'
	00593-11026-71	Cable, Fuse - Lift Amp B+	1	'EE'
38	00593-11014-71	Cable, MPC (IN) - Capacitor B+	1	'E'
	00593-11027-71	Cable, MPC (IN) - Capacitor B+	1	'EE'
39	00593-11019-71	Cable, Steer Motor A2 - Lift Amp F2	1	
40	00593-10996-71	Cable, L Motor A1 - L Tract Amp A1	1	

TOYOTA *Electric Stand Up**Chassis Electrical Assembly*

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
41	00593-10673-71	Cable, L Motor A2 - L Tract Amp A2	1	
42	00593-10997-71	Cable, L Motor F1 - L Traction Amp F1	1	
43	00593-10998-71	Cable, L Motor F2 - L Traction Amp F2	1	
44	00593-10999-71	Cable, R Motor A1 - R Trac Amp A1	1	
45	00593-11000-71	Cable, R Motor A2 - R Trac Amp A2	1	
46	00593-11005-71	Cable, Diode Jumper	3	
47	00593-11001-71	Cable, R Motor F1 - R Trac Amp F1	1	
48	00593-11002-71	Cable, R Motor F2 - R Trac Amp F2	1	
49	00593-11010-71	Cable, Steer Motor A1 - Lift Amp F1	1	
50	00593-11003-71	Cable, Lift Motor S - Lift Amp A1	1	
51	00593-11004-71	Cable, Lift Motor, A - Lift Amp A2	1	
52	00593-11035-71	Harness, J5 - Aux Solenoid	1	Not Shown

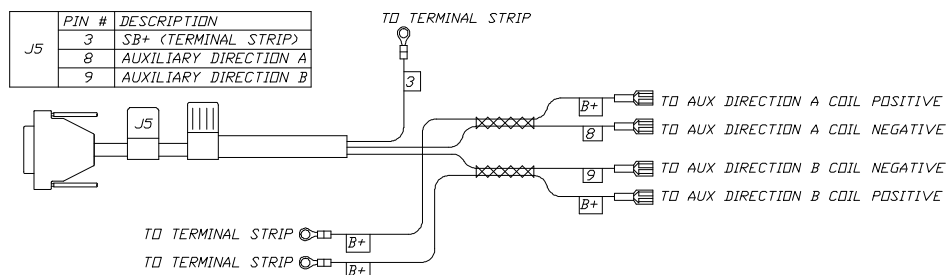
NOTES

1. Encoder harnesses for units equipped with Brush Wear Indicators can be found in the OPTIONS section under Brush Wear Indicators.
2. Attach Items 30 & 31 (Battery Connector Cables) to hydraulic tube with four 7.25" wire ties (Item 25).
3. Plug to be attached to proximity sensor on triplex and quad masts. For simplex and duplex masts without sensor, plug must be taped closed and secured to other cabling with wire ties.
4. Do not overtighten nuts on bus bars, capacitors, and contactors to avoid bending bus bars. Torque to approximately 12 lb-ft.
5. Attach cables routed to capacitors and contactor assembly to top cover clips using 7.25" wire ties (Item 25).
6. Attach main wire harness to brake line using 4" wire ties (Item 24).
7. Also refer to the Electrical Interconnect and System Electrical Block Diagram in this section.

TOYOTA Electric Stand Up

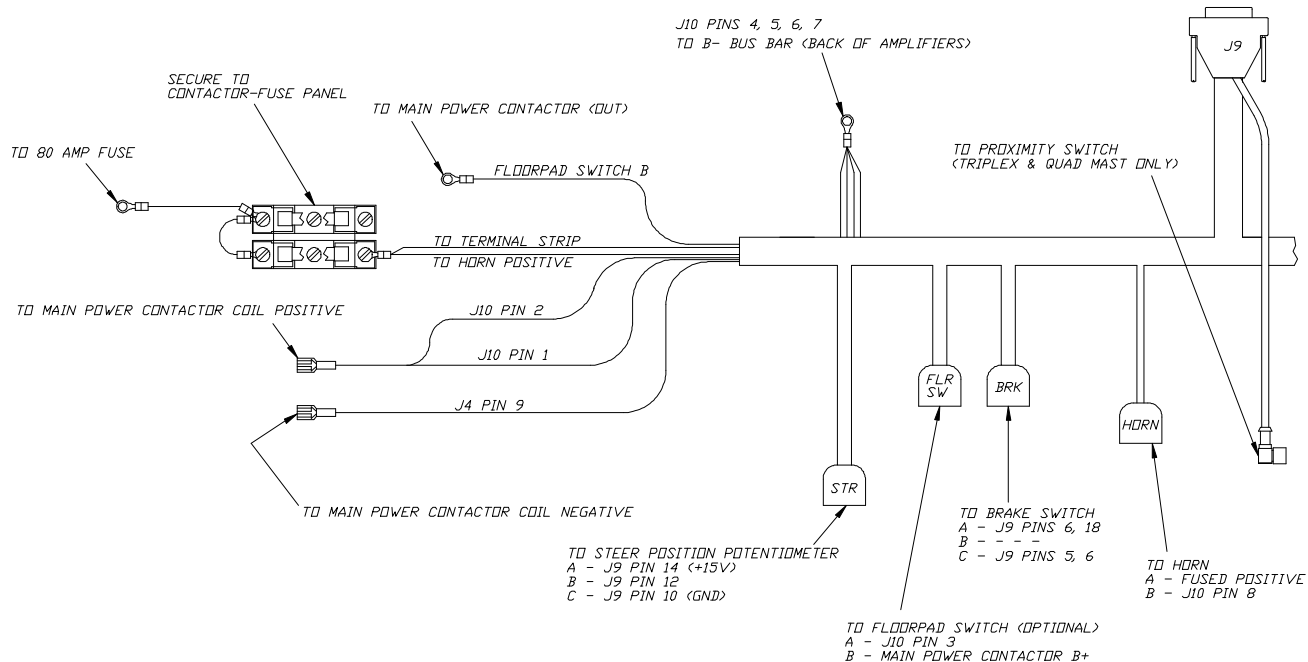
Control Harness Pin Designations

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS



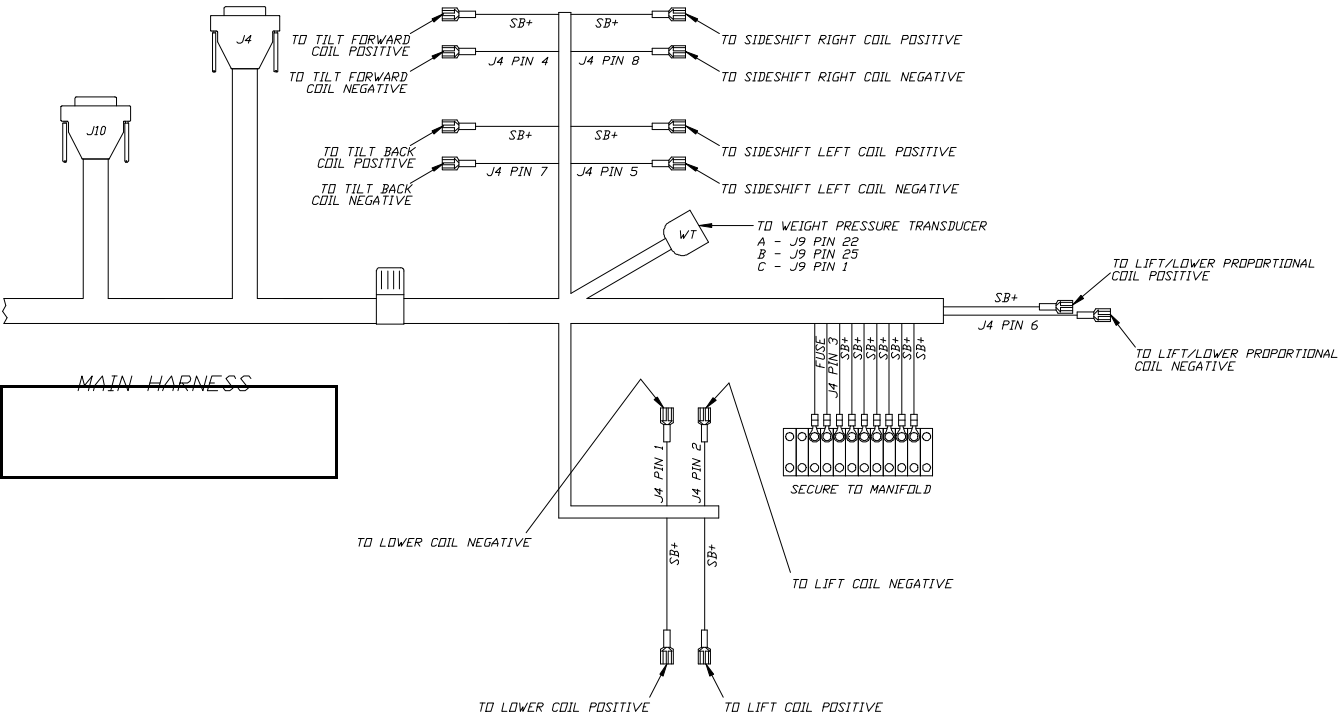
AUXILIARY HARNESS

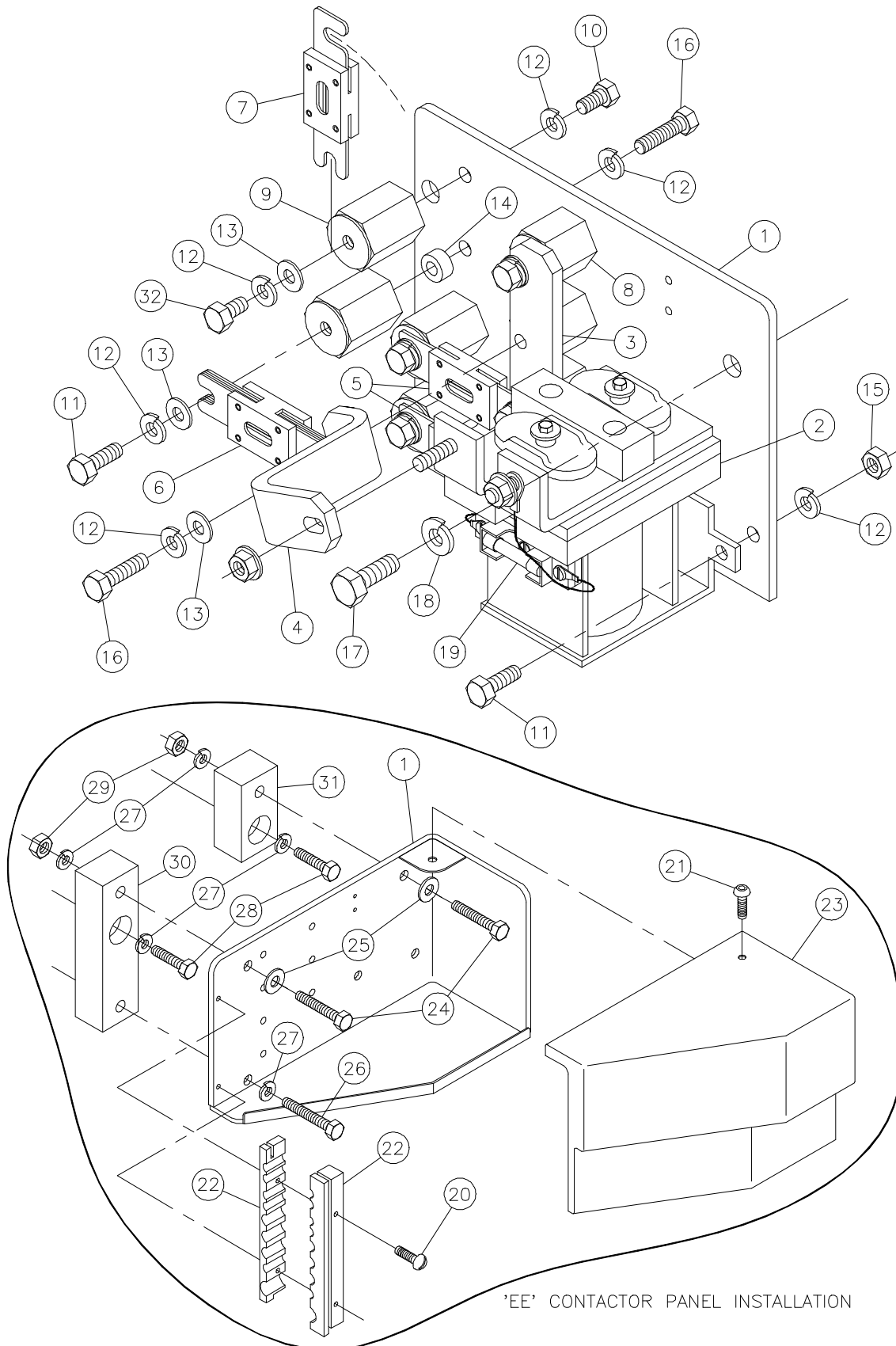
PIN #	DESCRIPTION	PIN #	DESCRIPTION	PIN #	DESCRIPTION
1	WT PRESSURE	11	SHIELD	21	- - -
2	SHIELD	12	STEER POSITION B	22	WT PRESSURE GND
3	- - -	13	- - -	23	PROXIMITY SWITCH
4	- - -	14	STEER POS A (+15V)	24	- - -
5	BRAKE SWITCH C	15	- - -	25	WT PRESSURE +15V
6	SHIELD	16	- - -		
7	- - -	17	PROXIMITY SWITCH		
8	- - -	18	BRAKE SWITCH A		
9	PROXIMITY SWITCH	19	- - -		
10	STEER POS C (GND)	20	- - -		



J10	PIN #	DESCRIPTION
	1	B+
	2	B+
	3	FLOORPAD SWITCH A
	4	GROUND
	5	GROUND
	6	B-
	7	B-
	8	HORN B
	9	NO CONNECTION

J4	PIN #	DESCRIPTION
	1	LOWER
	2	LIFT
	3	SB+ (TERMINAL STRIP)
	4	TILT FORWARD
	5	SIDESHIFT LEFT
	6	LIFT/LOWER PROP
	7	TILT BACK
	8	SIDESHIFT RIGHT
	9	MAIN POWER CONTACTOR

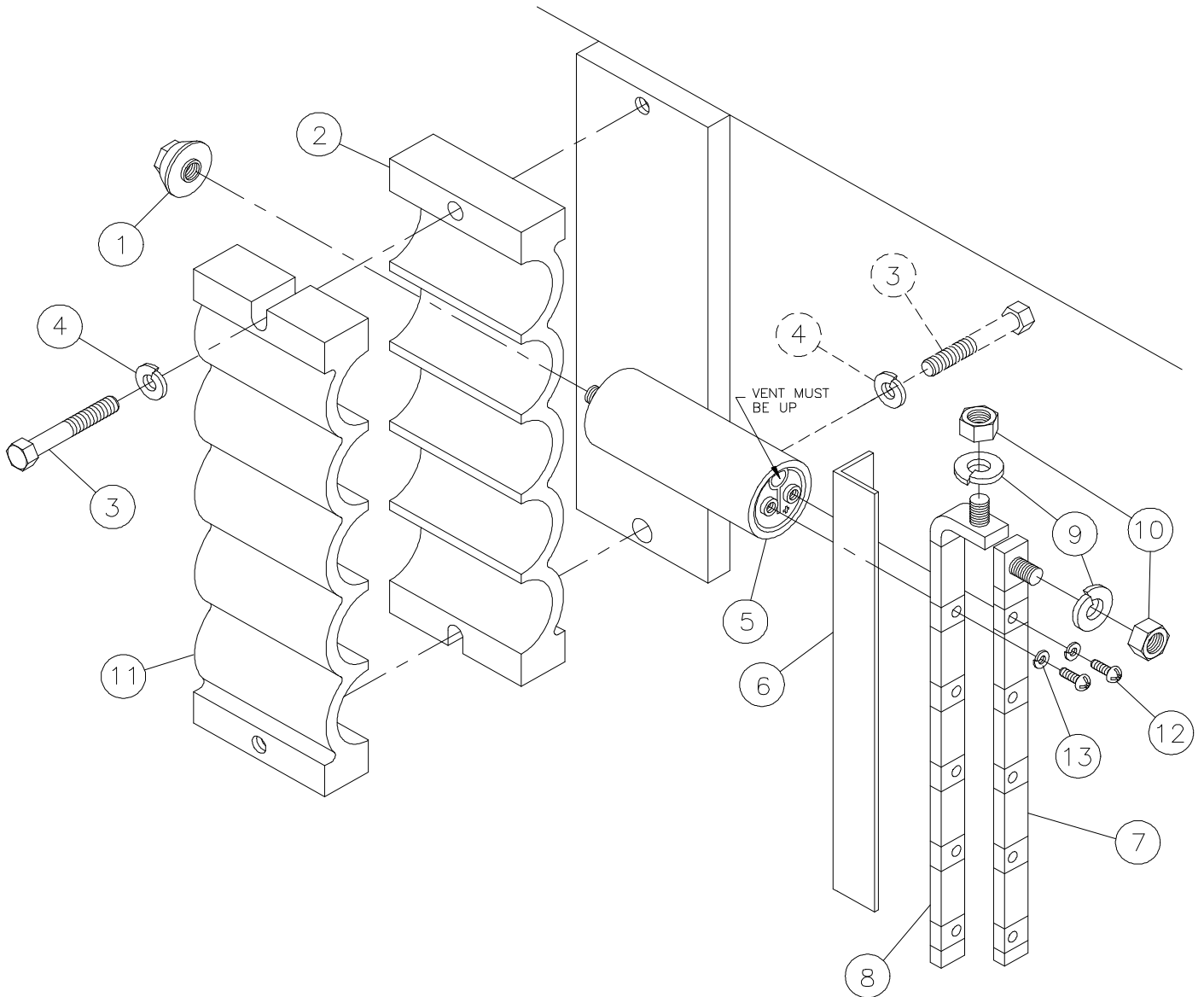




TOYOTA Electric Stand Up**Contactor Fuse Panel**

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

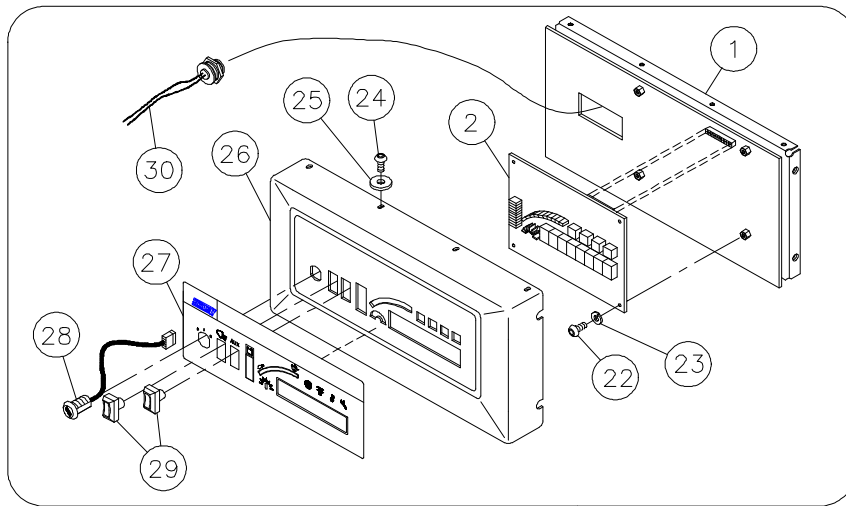
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
	00593-10669-71	Contactor-Fuse Panel Assembly - E		
	00593-10741-71	Contactor-Fuse Panel Assembly - EE		
1	00593-10279-71	Contactor-Fuse Panel -E	1	
	00593-10280-71	Contactor-Fuse Panel -EE	1	
2	00593-10397-71	Main Power Contactor, 600 Amp	1	
	00593-10396-71	Tip Kit - Main Power Contactor		
3	00593-10983-71	Bus Bar, Fuse	1	
4	00593-10982-71	Bus Bar, Fuse--Contactor	1	
5	00593-10402-71	Fuse, 300 Amp (Traction Armature)	2	
6	00593-10400-71	Fuse, 600 Amp (Lift Motor)	1	
7	00593-10399-71	Fuse, 80 Amp (Steer Motor & Traction Fields)	1	
8	00593-10442-71	Insulated Standoff, 1"	4	
9	00593-10443-71	Insulated Standoff, 1-1/4"	4	
10	00593-10113-71	Hex Head Cap Screw, 1/4-20 x 1/2"	7	
11	00593-10082-71	Hex Head Cap Screw, 1/4-20 x 3/4"	6	
12	00593-10043-71	Lock Washer, 1/4"	18	
13	00593-10042-71	Flat Washer, 1/4"	8	
14	00593-10445-71	Spacer, 1/4"	1	
15	00593-10044-71	Hex Nut, 1/4-20	2	
16	00593-10067-71	Hex Head Cap Screw, 1/4-20 x 1"	2	
17	00593-10049-71	Hex Cap Screw, 3/8-16 x 1"	3	
18	00593-10055-71	Lock Washer, 3/8"	3	
19	00593-10184-71	Fuse, 15 Amp	1	
20	00593-10504-71	Machine Screw, #10-24 x 1-1/2"	2	
21	00593-10463-71	Hex Screw, 1/4-20 x 1/2"	1	
22	00593-10433-71	Cable Clamp Assembly - EE	1	Includes both halves
23	00593-10272-71	Contactor-Fuse Panel EE Cover	1	
24	00593-10087-71	Hex Screw, 3/8-16 x 2"	2	
25	00593-10054-71	Flat Washer, 3/8"	2	
26	00593-10117-71	Hex Screw, 3/8-16 x 2-1/4"mp	1	
27	00593-10055-71	Lock Washer, 3/8"	5	
28	00593-10095-71	Screw, 3/8-16 x 1-1/2"	2	
29	00593-10069-71	Hex Nut, 3/8-16	2	
30	00593-10742-71	Contactor-Fuse Panel Spacer - Left	1	
31	00593-10743-71	Contactor-Fuse Panel Spacer - Right	1	
32	00593-10073-71	Hex Screw, 1/4-20 x 5/8"	3	



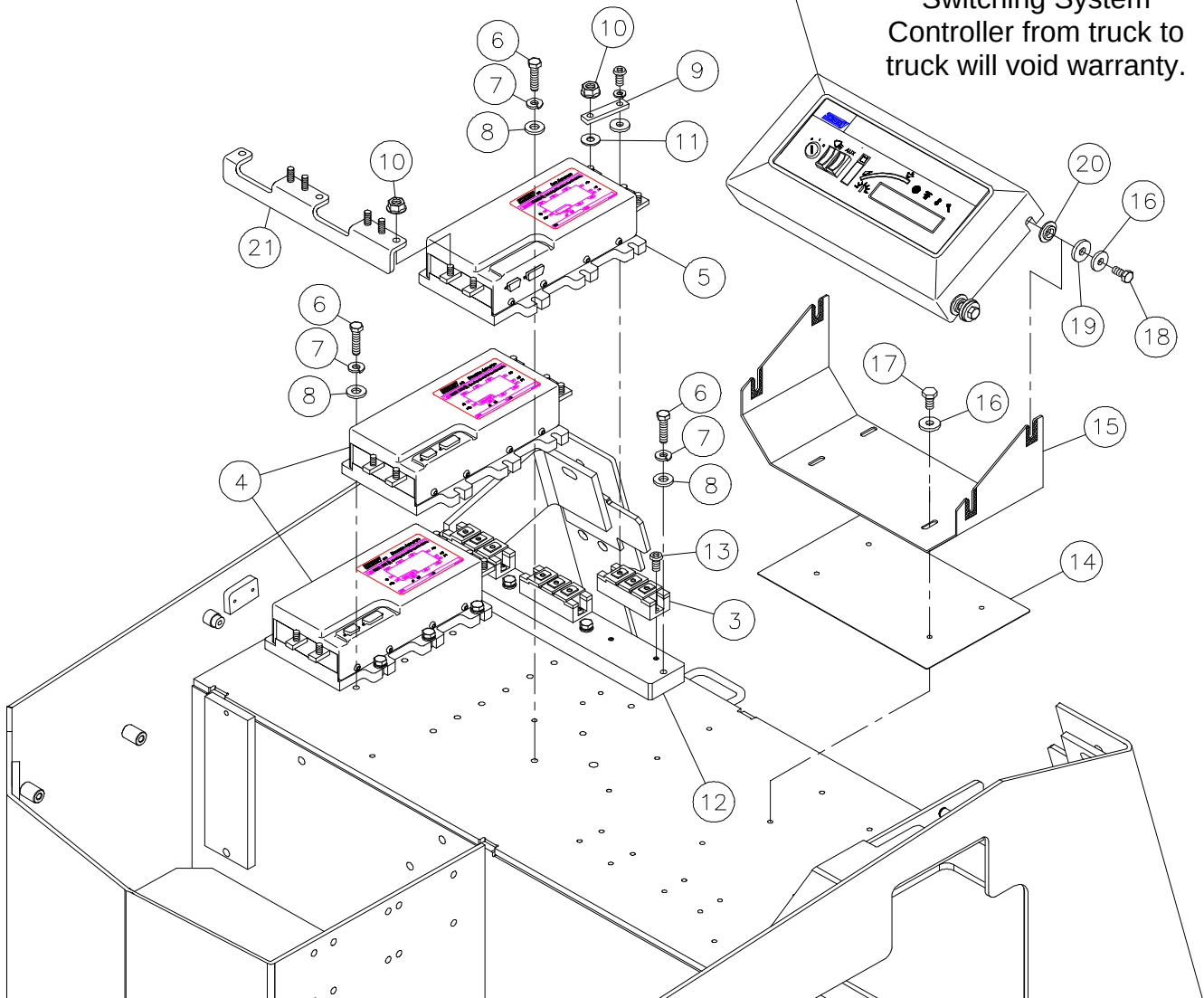
TOYOTA *Electric Stand Up**Capacitor Assembly*

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10481-71	Nylon Nut	5	
2	00593-10270-71	Capacitor Clamp	1	
3	00593-10197-71	Hex Cap Screw, 5/16-18 x 2-1/2"	2	
4	00593-10047-71	Lock Washer (Split Type), 5/16"	2	
5	00593-10440-71	Capacitor	5	
6	00593-10269-71	Bus Bar Insulator	1	
7	00593-10985-71	Capacitor Bus Bar Assembly	1	
8	00593-10988-71	Capacitor Bus Bar Assembly (Long)	1	
9	00593-10046-71	Lock Washer (Split Type), 5/16"	2	
10	00593-10048-71	Hex Nut, 5/16-18	2	
11	00593-10740-71	Capacitor Clamp - Outer	1	
12	00593-10536-71	Philips Pan Head Cap Screw, M5 x 10	10	
13	00593-10544-71	Lock Washer (Split Type), M5	10	



⚠ WARNING
Switching System
Controller from truck to
truck will void warranty.



TOYOTA Electric Stand Up**Control Electronics**

THIS PAGE APPLIES TO
 MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
 ALL SERIAL NUMBERS

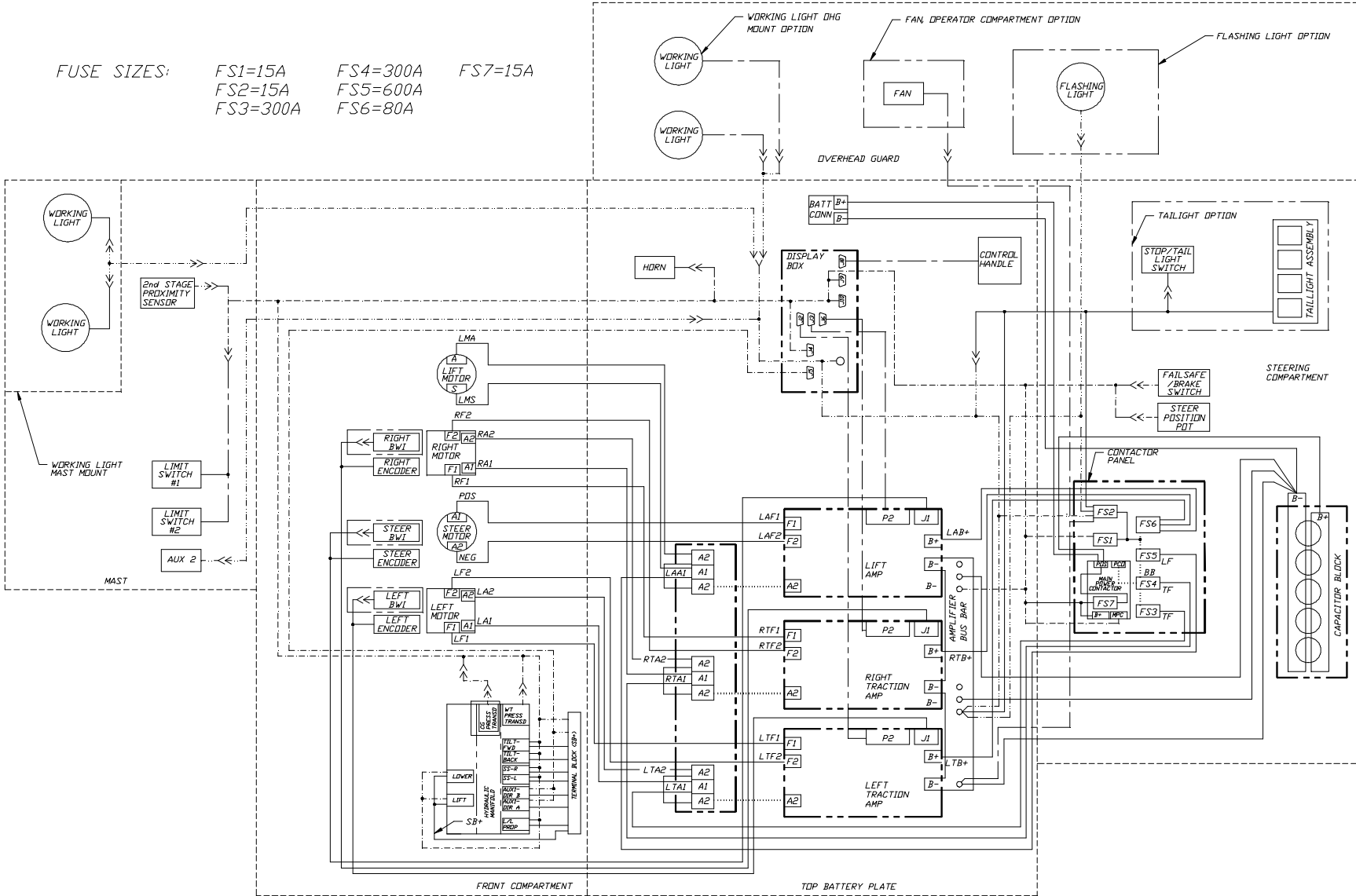
ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-10979-71	System Controller Field Fix no Aux	1	See Note 1
	00593-10980-71	System Controller Field Fix with Aux	1	
2	00593-10349-71	Operator Display Board	1	
3	00593-10441-71	Diode Module	3	
4	00593-10976-71	Traction Amplifier	2	
5	00593-10978-71	Lift Amplifier - Electric Steer	1	
6	00593-10091-71	Hex Head Screw, 5/16-18 x 1" Gr. 5	22	
7	00593-10046-71	Lock Washer (SplitType), 5/16"	22	
8	00593-10524-71	Flat Washer (Narrow), 5/16"	22	
9	00593-10984-71	Bus Bar, Diode Connector	3	
10	00593-10118-71	Flange Lock Nut, 5/16-18	3	
11	00593-10527-71	Copper Flat Washer	3	
12	00593-10989-71	Heat Sink Strip, 3 Diode	1	
13	00593-10464-71	Pan Head Screw, 14/-20 x 1/2"	6	
14	00593-10991-71	Isostrate Sheet - Display Box Bracket	1	
15	00593-10981-71	Display Box Mount Bracket	1	
16	00593-10042-71	Flat Washer, 1/4"	8	
17	00593-10460-71	Hex Head Nylon Screw, 1/4-20 x 5/8"	4	
18	00593-10462-71	Hex Cap Screw, 1/4-20 x 3/4" w/nylon	4	
19	00593-10525-71	Nylon Flat Washer, 1/4"	4	
20	00593-10526-71	Nylon Shoulder Washer, 1/4"	4	
21	00593-10986-71	Bus Bar, Amp Connector	1	
22	00593-10448-71	Torx Screw	4	
23	00593-10485-71	Lock Washer	4	
24	00593-10451-71	Torx Screw	8	
25	00593-10518-71	Flat Washer	8	
26	00593-11469-71	Display Box Cover	1	
27	00593-10412-71	Display Decal	1	
28	00593-10273-71	Key Switch Assembly	1	
	00593-10408-71	Replacement Key Set		
	00593-10274-71	Toggle Switch Assembly		
29	00593-10407-71	Rocker Switch		
	00593-10437-71	Plug		
30	00593-11032-71	Harness, Sys Cont - Light Switch		For Lights
	00593-11039-71	Harness, Sys Cont - Aux Switch		For 3rd Aux
	00593-11040-71	Harness, Sys Cont - Both Switches		For Lights & 3rd Aux
Not	00593-10438-71	Modem		See Appendix C:
Shown	00593-10394-71	Modem Download Cable		Software Download in
	00593-10393-71	Cable Assembly - Software Download		the SERVICE Manual

* Sideshift is not considered Aux.

NOTES

1. When replacing a System Controller Field Fix, transfer the key switch and any rocker switches and harness to the new part.
2. Do not overtighten nuts on bus bars to avoid bending. Tighten to approximately 12 lb-ft.
3. Apply Heat Transfer Grease (Dow Corning 340 or equivalent) to bottom of amplifiers, diodes, and heatsink strip before installing.

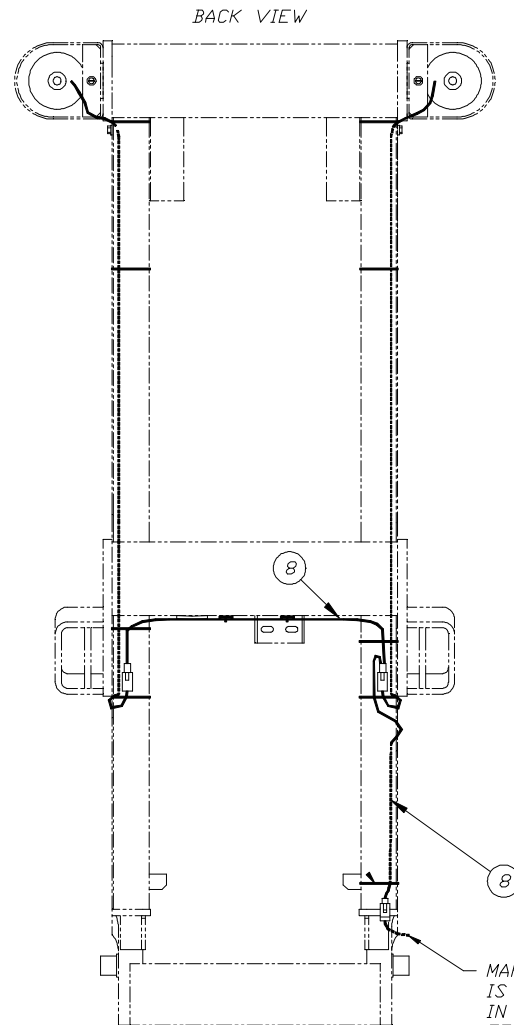
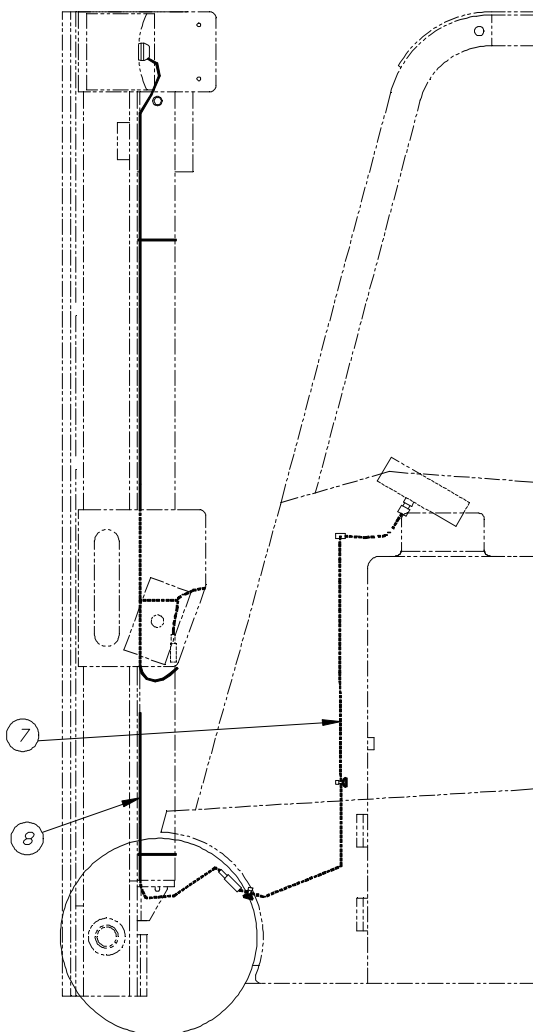
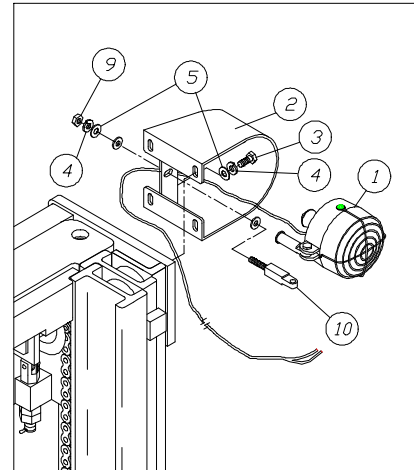
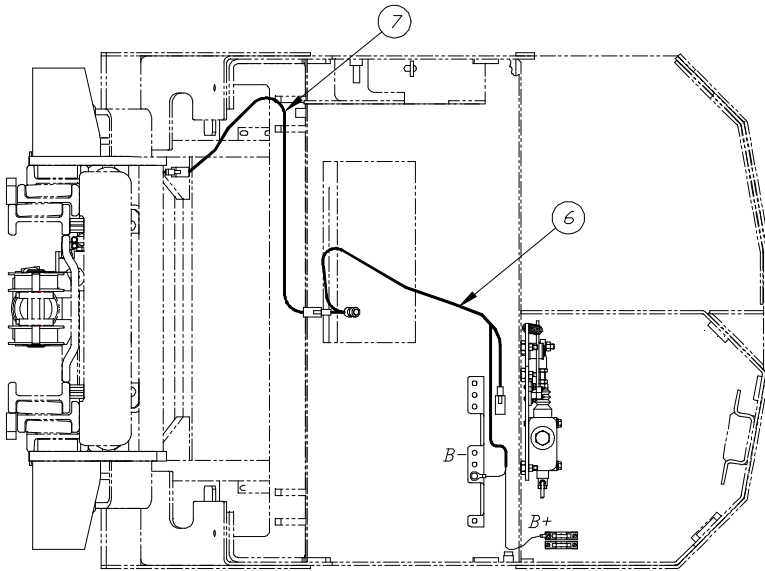
FUSE SIZES: FS1=15A FS4=300A FS7=15A
FS2=15A FS5=600A
FS3=300A FS6=80A



8.07.01

TOYOTA Electric Stand Up

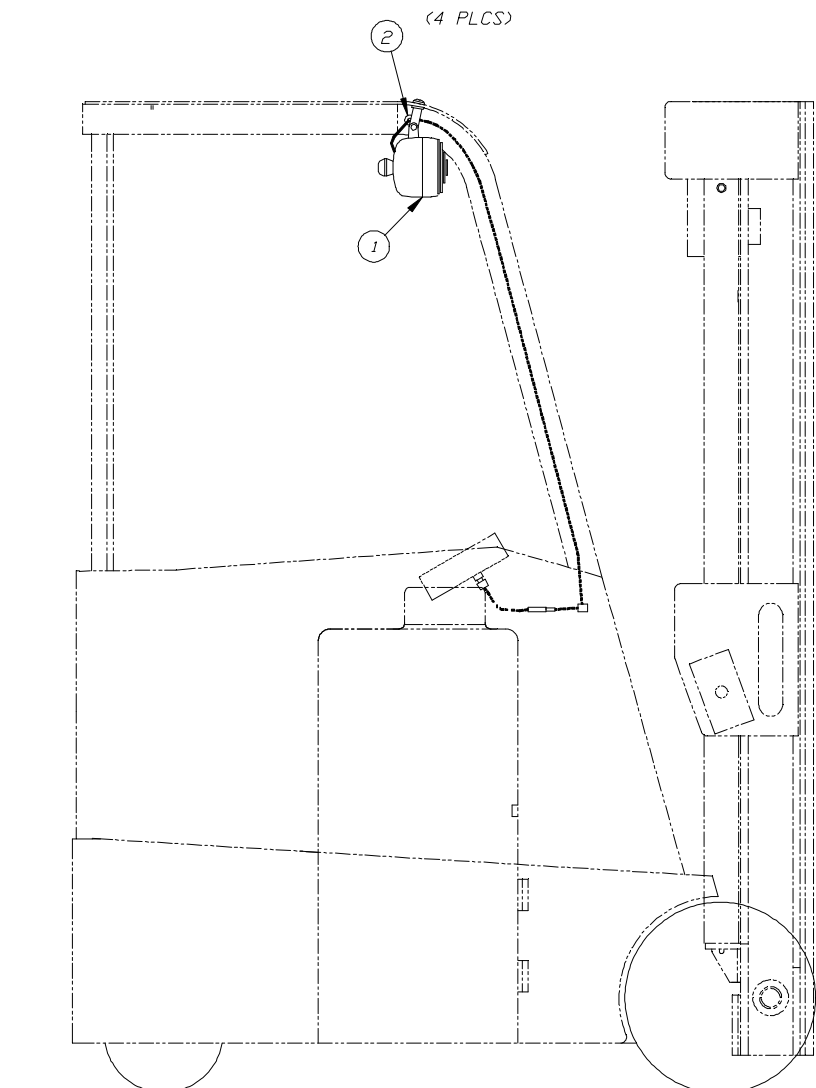
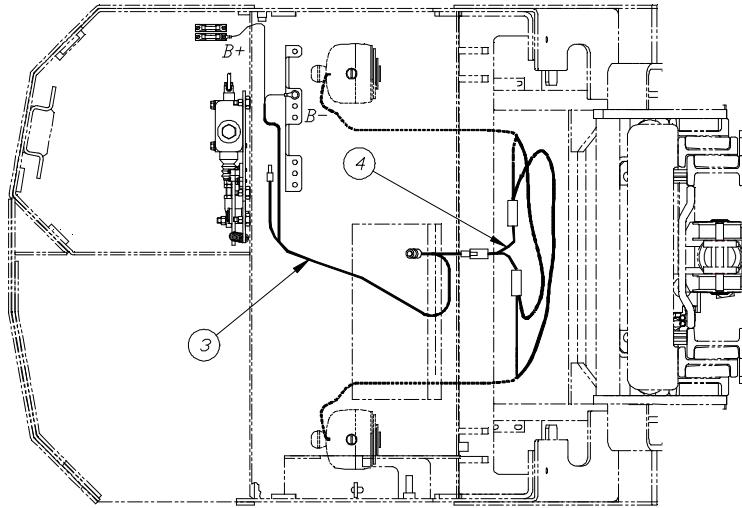
Work Lights - Mast Mount



TOYOTA *Electric Stand Up****Work Lights - Mast Mount***

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

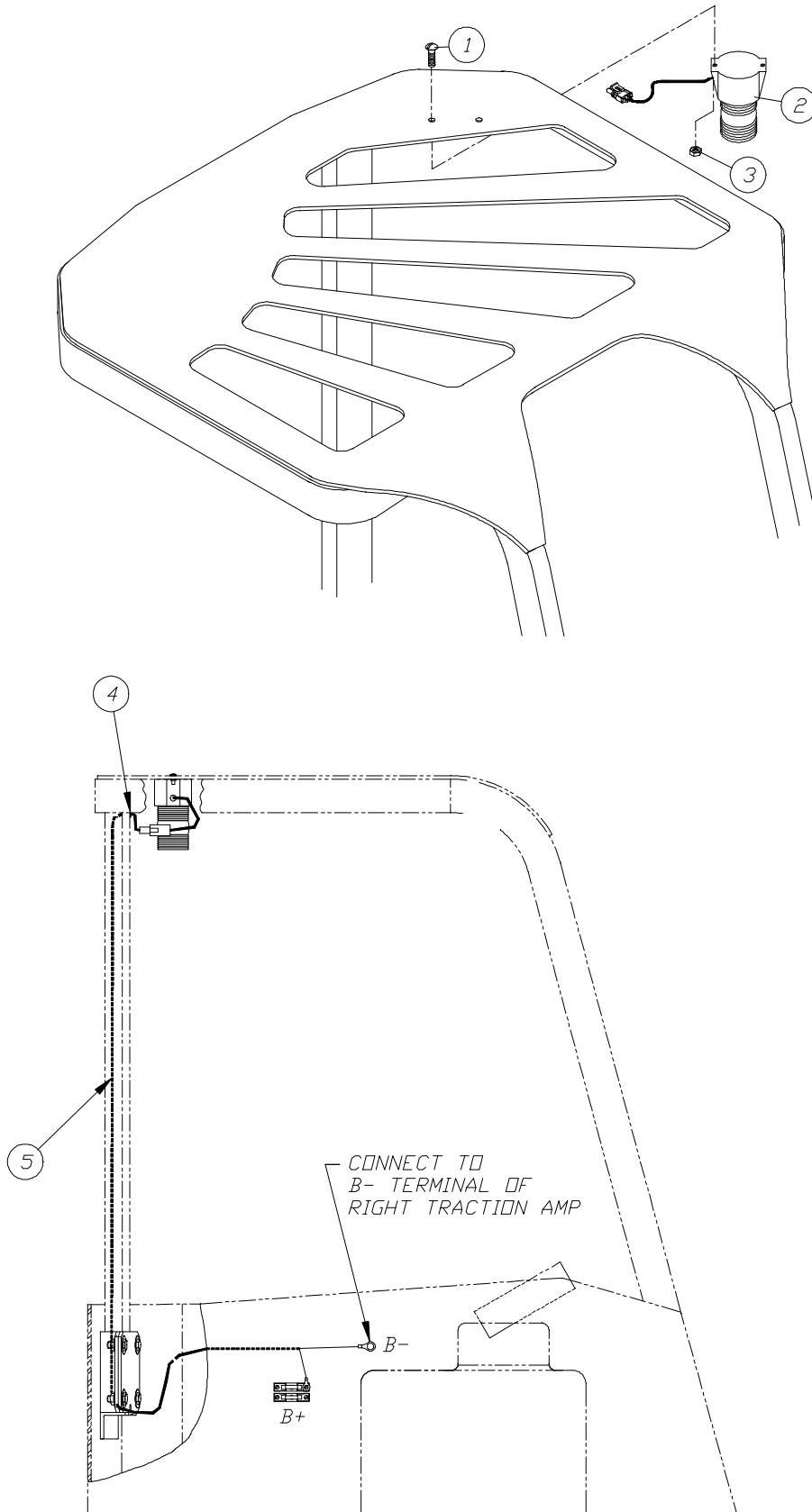
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10677-71	Work Light - 36-Volt	2	Includes screw and washers
2	00593-10307-71	Work Light Mast Mount	2	
3	00593-10093-71	Hex Cap Screw, 3/8-16 x 1" (Grade 5)	8	
4	00593-10055-71	Lock Washer (Split Type), 3/8"	10	
5	00593-10054-71	Flat Washer, 3/8"	10	
6	00593-11031-71	Harness, Rocker Sw. to Light Harness	1	
7	00593-11033-71	Harness, Sys Cont - Mast Lt Harness	1	
8	00593-11043-71	Harness, Mast Lights	1	
9	00593-10483-71	Nylon Lock Nut, 3/8-24	2	
10	00593-10405-71	Light Mount Stud	2	
	00593-10404-71	Replacement Bulb - 36 Volt		
	00593-10344-71	Mast Work Light Kit - 36-Volt		Kit includes all items listed above plus, the rocker switch & connector (see Control Electronics) and instructions.



TOYOTA *Electric Stand Up**Work Lights - Overhead Guard Mount*

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

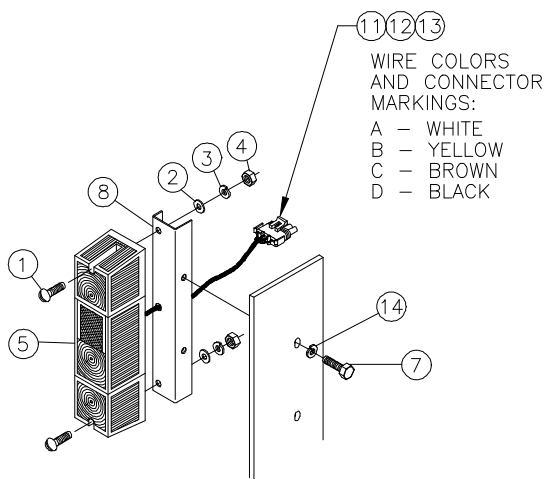
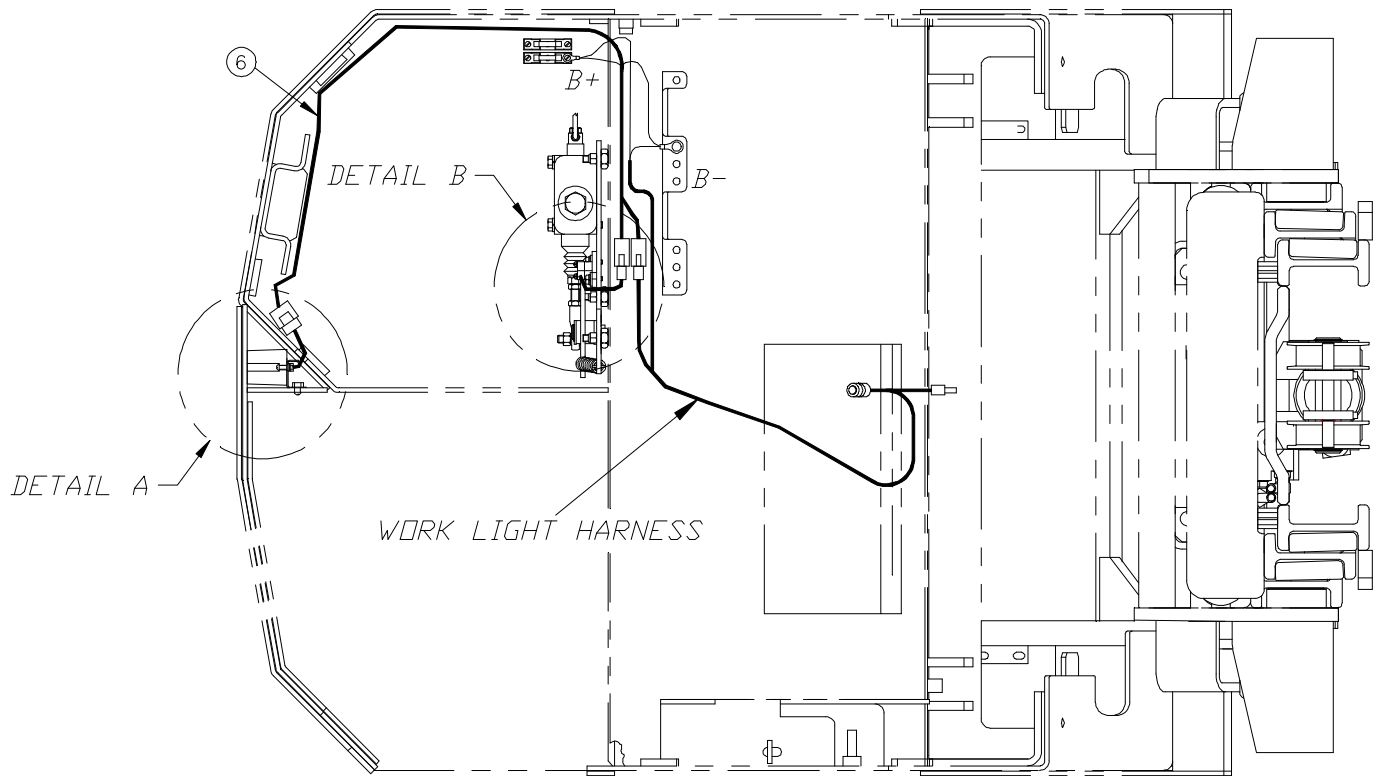
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10677-71	Work Light - 36-Volt	2	Includes screw and washers
2	00593-10136-71	Grommet	4	
3	00593-11031-71	Harness, Rocker Sw. to Light Harness	1	
4	00593-10659-71	Male Pigtail Splice	1	
	00593-10404-71	Replacement Bulb - 36 Volt		
	00593-10343-71	OHG Work Light Kit - 36-Volt		Kit includes all items listed above plus, rocker switch & connector (see Control Electronics), and instructions.



TOYOTA *Electric Stand Up**Flashing Light*

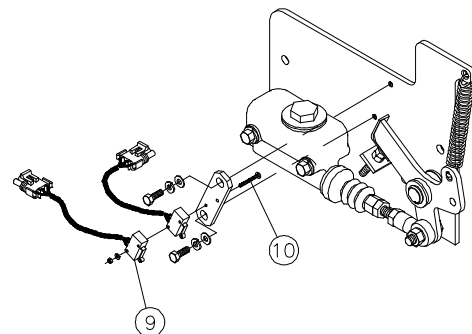
THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10068-71	Rnd Head Mach. Screw, #10-24 x 3/4"	2	
2	00593-11056-71	Flashing Light, Red	1	
	00593-11057-71	Flashing Light, Amber	1	
	00593-11058-71	Flashing Light, Clear	1	
	00593-11059-71	Flashing Light, Blue	1	
3	00593-10191-71	Keps Nut, #10-24	2	
5	00593-10136-71	Grommet	1	
4	00593-11041-71	Harness, Flashing Light	1	
	00593-10403-71	Replacement Element for Flashing Light		
	00593-10971-71	Flashing Light Kit, Red		These kits include all items listed above.
	00593-10972-71	Flashing Light Kit, Amber		
	00593-10973-71	Flashing Light Kit, Clear		
	00593-10974-71	Flashing Light Kit, Blue		



DETAIL A

SEE BRAKES FOR PARTS NOT CALLED OUT



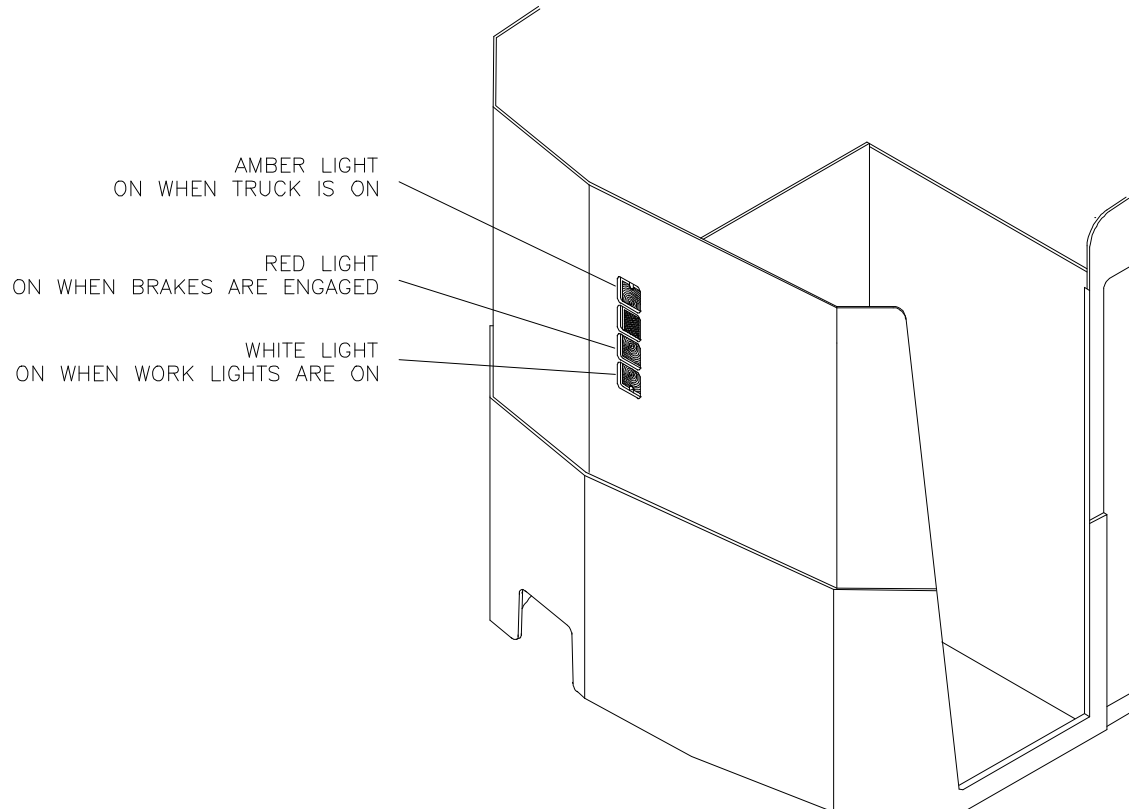
DETAIL B

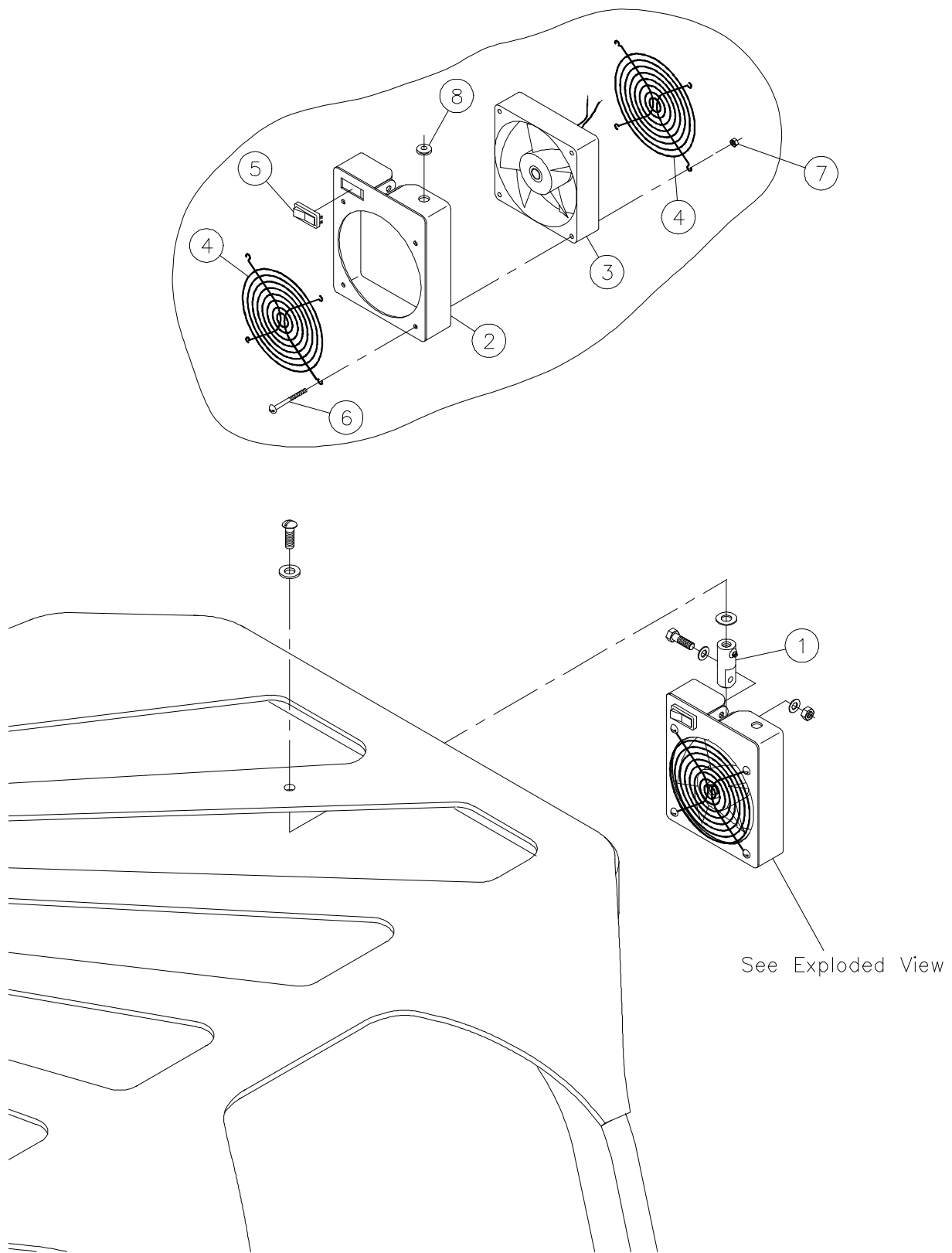
TOYOTA *Electric Stand Up*

Brake / Tail Light

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10068-71	Rnd Head Mach. Screw, #10-24 x 3/4"	2	
2	00593-10038-71	Lock Washer (Split Type), #10	2	
3	00593-10037-71	Flat Washer, #10	2	
4	00593-10039-71	Hex Nut, #10	2	
5	00593-11054-71	Tail Light, 36-Volt	1	
	00593-10406-71	Replacement Bulb		
6	00593-11034-71	Harness, Stop/Tail Light	1	
7	00593-10090-71	Button Head Screw, 1/4-20 x 1/2"	2	
8	00593-10327-71	Tail Light Bracket	1	
9	00593-10351-71	Brake Switch Assembly	1	
10	00593-10506-71	Machine Screw, #4-40 x 1-1/4"	2	
14	00593-10043-71	Lock Washer, 1/4" (Split Type)	2	



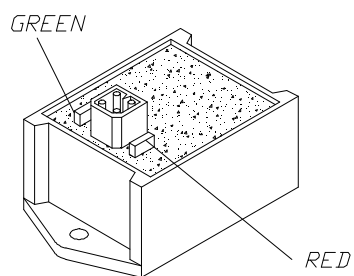
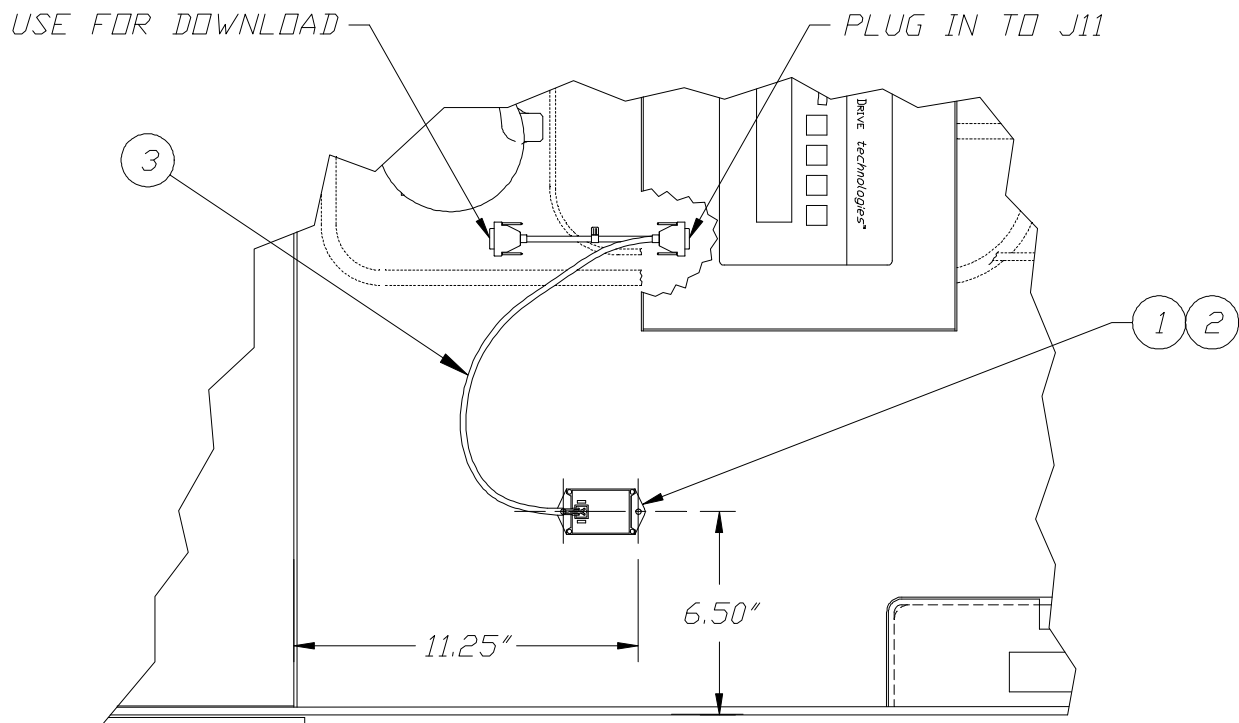


TOYOTA *Electric Stand Up*

Operator Compartment Fan

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 20, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10446-71	Mounting Swivel	1	Includes screws, washers, etc.
2	00593-10328-71	Operator Fan Bracket	1	
3	00593-10378-71	Muffin Fan	1	
4	00593-10379-71	Finger Guard	2	
5	00593-10407-71	Rocker Switch	1	
6	00593-10450-71	Round Head Screw, #8-32 x 1-7/8"	4	
7	00593-10476-71	Nylon Lock Nut, #8-32	4	
8	00593-10430-71	Grommet	1	



The green LED should be on at all times when the truck is on.
The red LED should turn on momentarily during POST to indicate a self test function is being performed.

TOYOTA *Electric Stand Up*

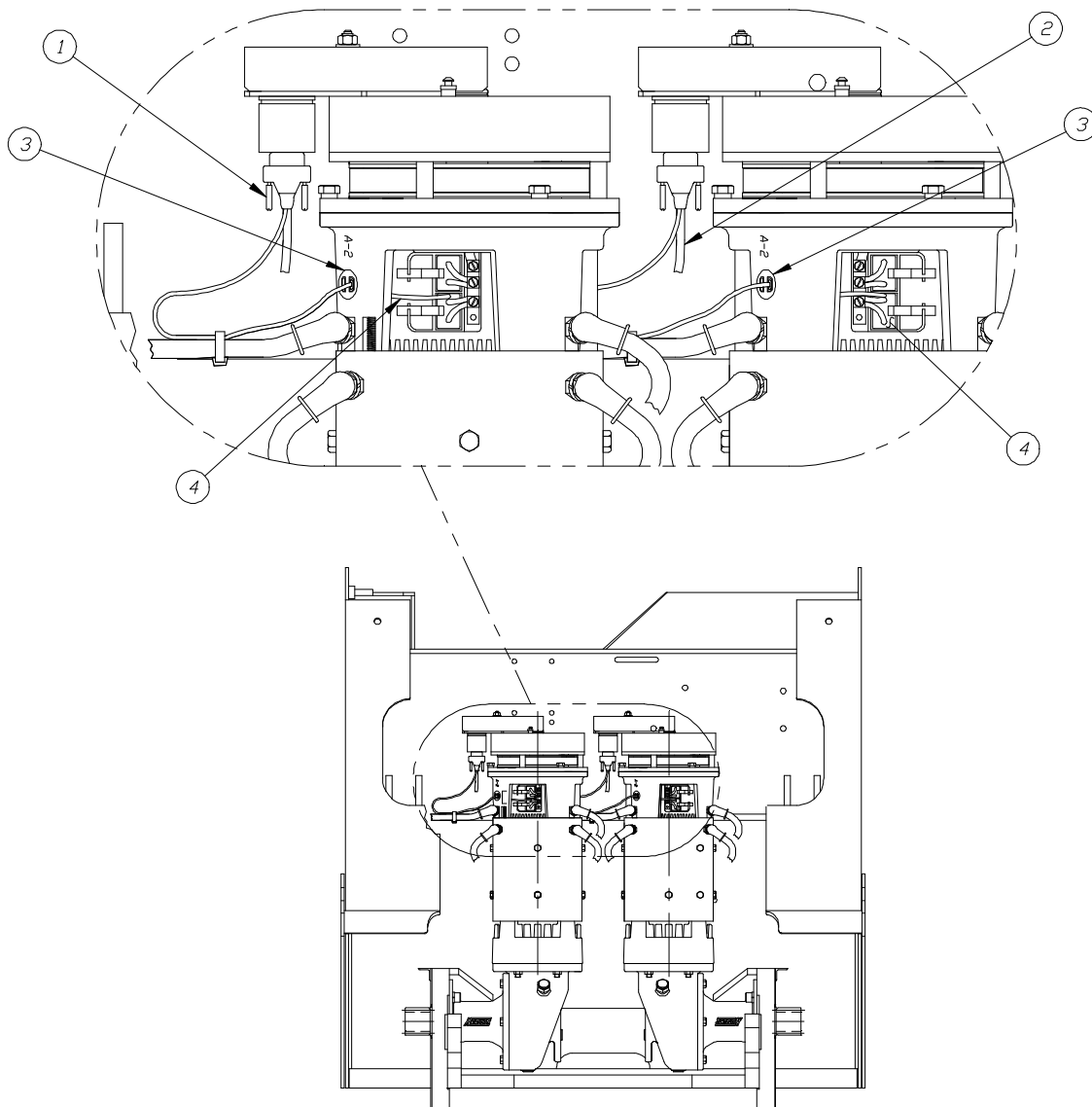
Impact Sensor

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10350-71	Impact Sensor Assembly	1	
2	00593-10547-71	Neoprene Double Sided Tape	6 in.	
3	00593-10395-71	Impact Sensor Cable Harness	1	

NOTE: Impact sensor requires Options Upgrade software.

00593-10347-71 Impact Sensor Field Installation Kit

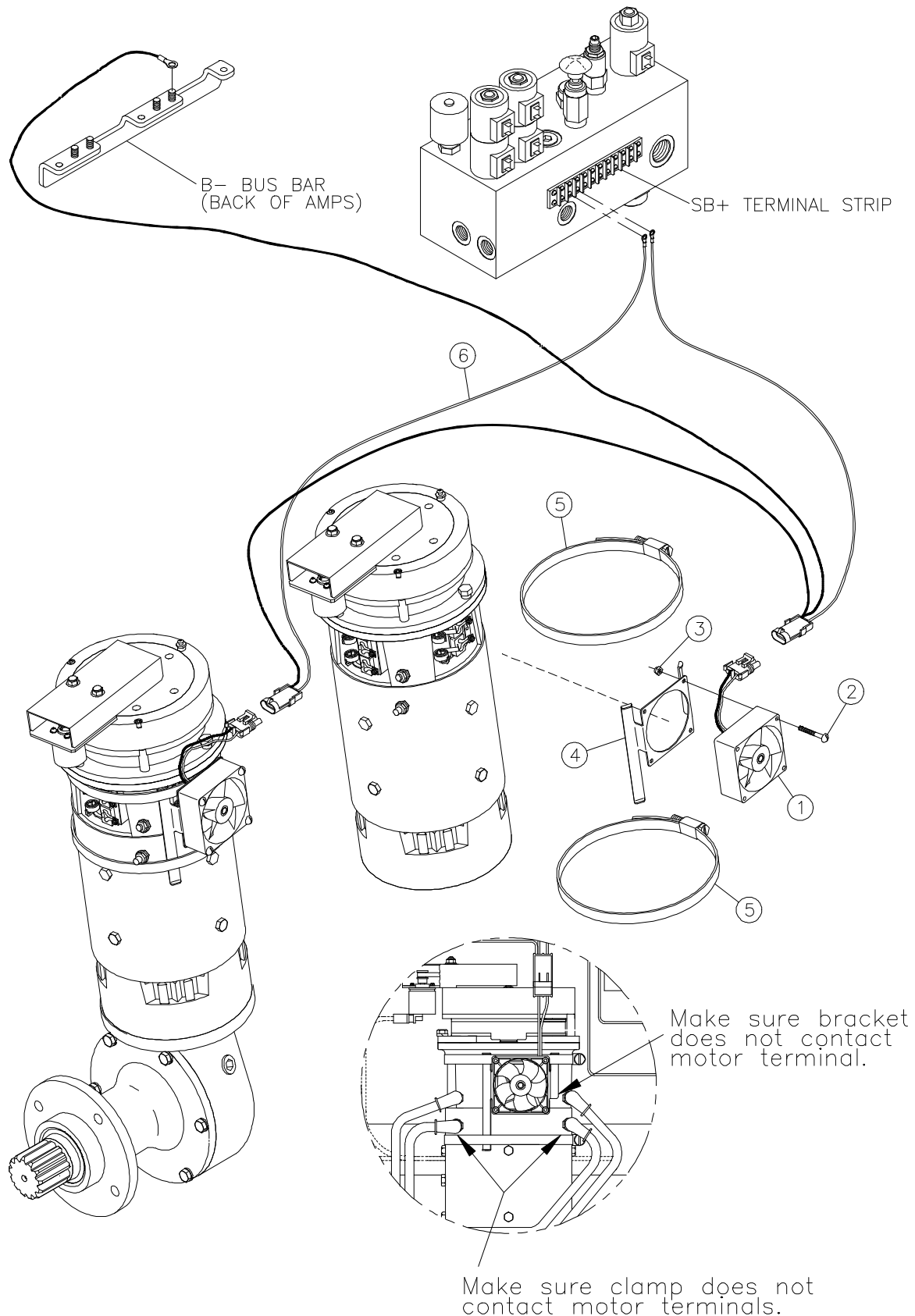


TOYOTA *Electric Stand Up*

Brush Wear Indicators

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10675-71	Encoder with BWI Harness - Long	1	Right Traction
2	00593-11037-71	Encoder with BWI Harness - Short	1	Left Traction
3	00593-10392-71	BWI Motor Terminal Fitting	3	
4	00593-10376-71	Brush with BWI - 7.15" Motor	2	
	00593-10375-71	Brush with BWI - 8.00" Motor	2	
5	00593-10376-71	Brush with BWI - Lift Motor	1	



TOYOTA *Electric Stand Up*

Traction Motor Cooling Fans

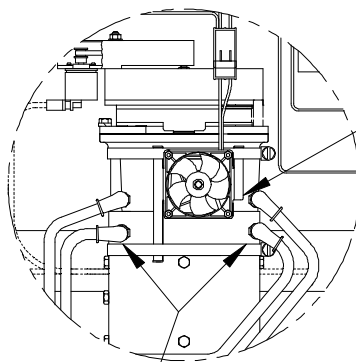
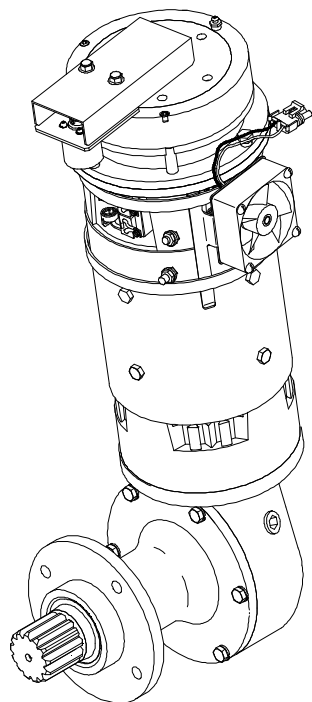
THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS UL 'E' RATED

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
	00593-10340-71	Traction Motor Cooling Fan Kit		6BNCU15, 18
	00593-10341-71	Traction Motor Cooling Fan Kit		6BNCU20, 23
	00593-10342-71	Traction Motor Cooling Fan Kit		6BNCU25, 28, 30, 6BVNCU13
1	00593-10384-71	Muffin Fan with Connector	2	
2	00593-10452-71	* Machine Screw, #8-32 x 1-1/2"	8	
3	00593-10476-71	* Nylon Lock Nut, #8-32	8	
4	00593-10329-71	Motor Cooling Fan Bracket	2	
5	00593-10563-71	Smooth Hose Clamp, 6-7/8" to 8-1/8"	4	
6	00593-10331-71	Traction Motor Fan Harness	1	
	00593-10330-71	Traction Motor Fan Assembly		Includes Items 1 thru 4

* Current production uses a Self-tapping Screw (00593-10454-71) instead of Items 2 & 3.

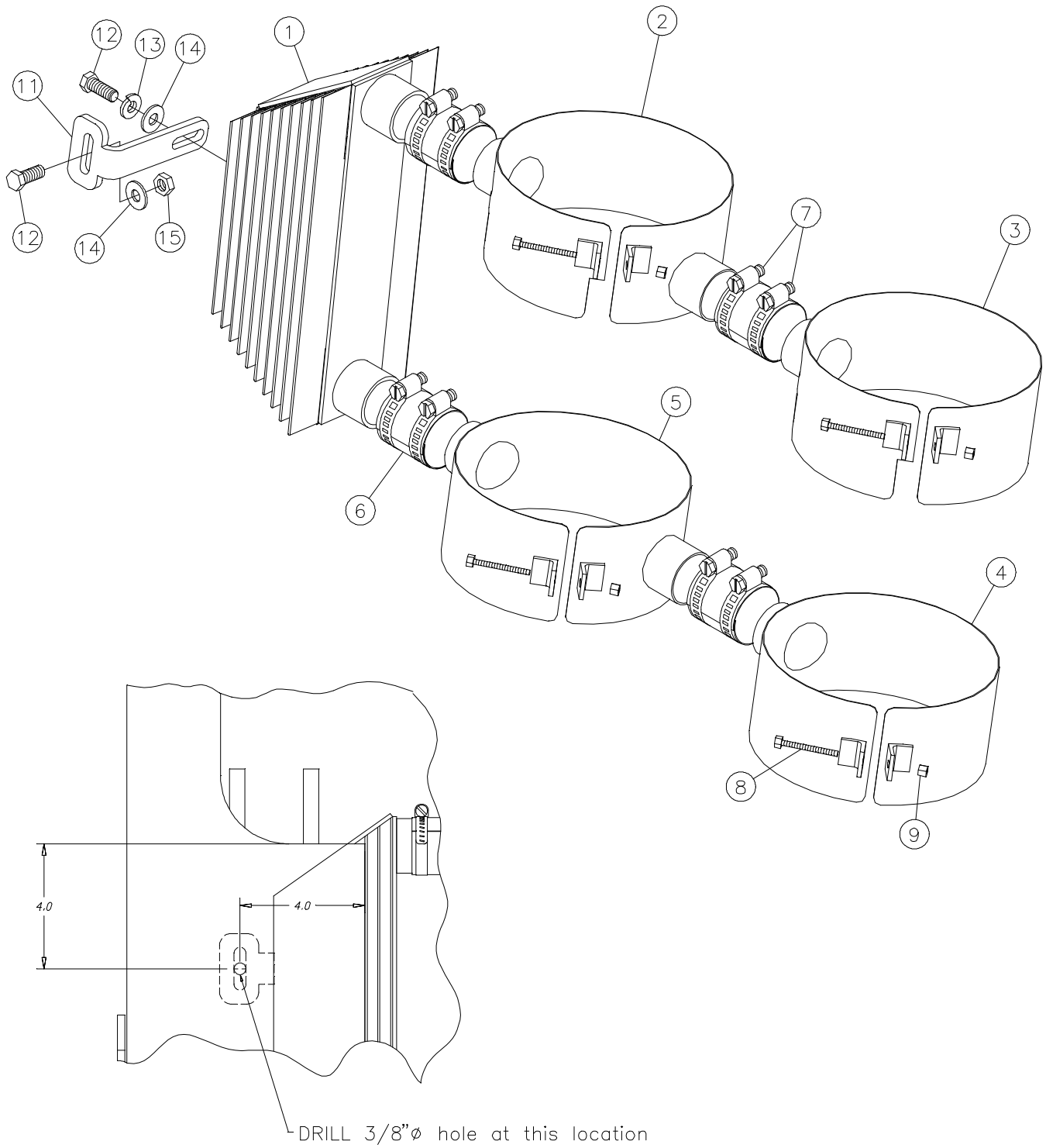
Field Installation Kits include Front Covers with Vents (see Part Numbers below) and Instructions for installation on front of motors (Illustration shows factory installation on sides of motors.)

00593-11463-71	Front Cover with Vents, 6BNCU15, 18
00593-11464-71	Front Cover with Vents, 6BNCU20, 23
00593-11465-71	Front Cover with Vents, 6BNCU25, 28, 30, 6BVNCU13
00593-11466-71	Front Cover with Vents, 6BNCU17, 19



Make sure bracket
does not contact
motor terminal.

Make sure clamp does not
contact motor terminals.



TOYOTA Electric Stand Up*Traction Motor Cooling*

THIS PAGE APPLIES TO
MODELS 6BNCU15, 17, 18, 19, 20, 23, 25, 28, 30, 6BVNCU13
ALL SERIAL NUMBERS UL 'EE' RATED

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
	00593-10672-71	EE Traction Motor Cooling Kit		7.15" mtrs
	00593-10975-71	EE Traction Motor Cooling Kit		8.0" motors
1	00593-10332-71	Heat Exchanger	1	
2	00593-10969-71	* Top Right Motor Band	1	7.15" mtrs
	00593-10965-71	Top Right Motor Band	1	8.0" mtrs
3	00593-10970-71	* Top Left Motor Band	1	7.15" mtrs
	00593-10966-71	Top Left Motor Band	1	8.0" mtrs
4	00593-10967-71	Bottom Left Motor Band	1	7.15" mtrs
	00593-10963-71	Bottom Left Motor Band	1	8.0" mtrs
5	00593-10968-71	Bottom Right Motor Band	1	7.15" mtrs
	00593-10964-71	Bottom Right Motor Band	1	8.0" mtrs
6	00593-10333-71	Motor Connection Band	4	
7	00593-10565-71	Hose Clamp	8	
8	00593-10453-71	Machine Screw, #8-32 x 1-3/4"	4	
9	00593-10476-71	Nylon Lock Nut, #8-32	4	
10	00593-10281-71	Adhesive-Backed Felt 1/16" x 3"	**	
11	00593-10334-71	Mounting Bracket	1	
12	00593-10093-71	† Hex Screw, 3/8-16 x 1"	2	
13	00593-10055-71	Lock Washer, 3/8"	1	
14	00593-10054-71	Flat Washer, 3/8"	2	
15	00593-102243-7	Nylon Locknut, 3/8-16	1	
	1			

* No band metal should be within 1/4" of terminals or cable ends per UL 583 'EE' Rating.

** Adhesive-backed felt (Item 10) should be applied to Items 2, 3, 4, 5, & 6 and trimmed as necessary before installation.

† Do not overtighten bolt into aluminum exchanger.