

TOYOTA *Electric Stand Up*

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Introduction

This manual contains information for **TOYOTA** electric stand-up counterbalance lift trucks, 6BNCUE models. This manual applies to all vehicles shipped after 06/01/00.

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.

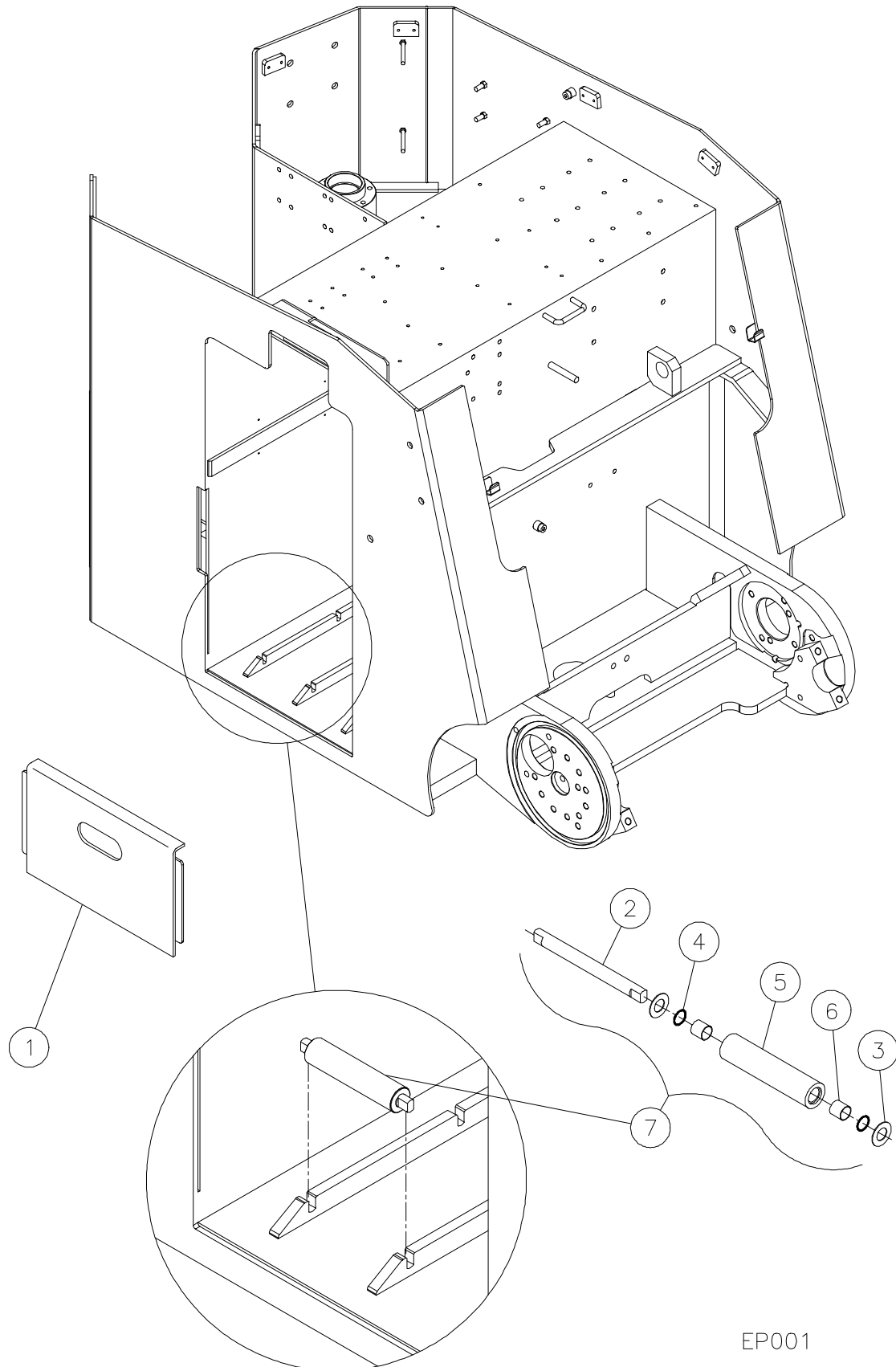
NOTE

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)
6BNCUE15	STAND UP RIDER COUNTERBALANCE	3,000
6BNCUE18		3,500

6 = 6 Series
B = Battery
N = Narrow Aisle
C = Cushion Tires
U = U.S. Manufactured
E = E-Series

SERIAL NUMBER IS A SEQUENTIAL NUMBER MIXING MODELS
FOR EXAMPLE : 04500



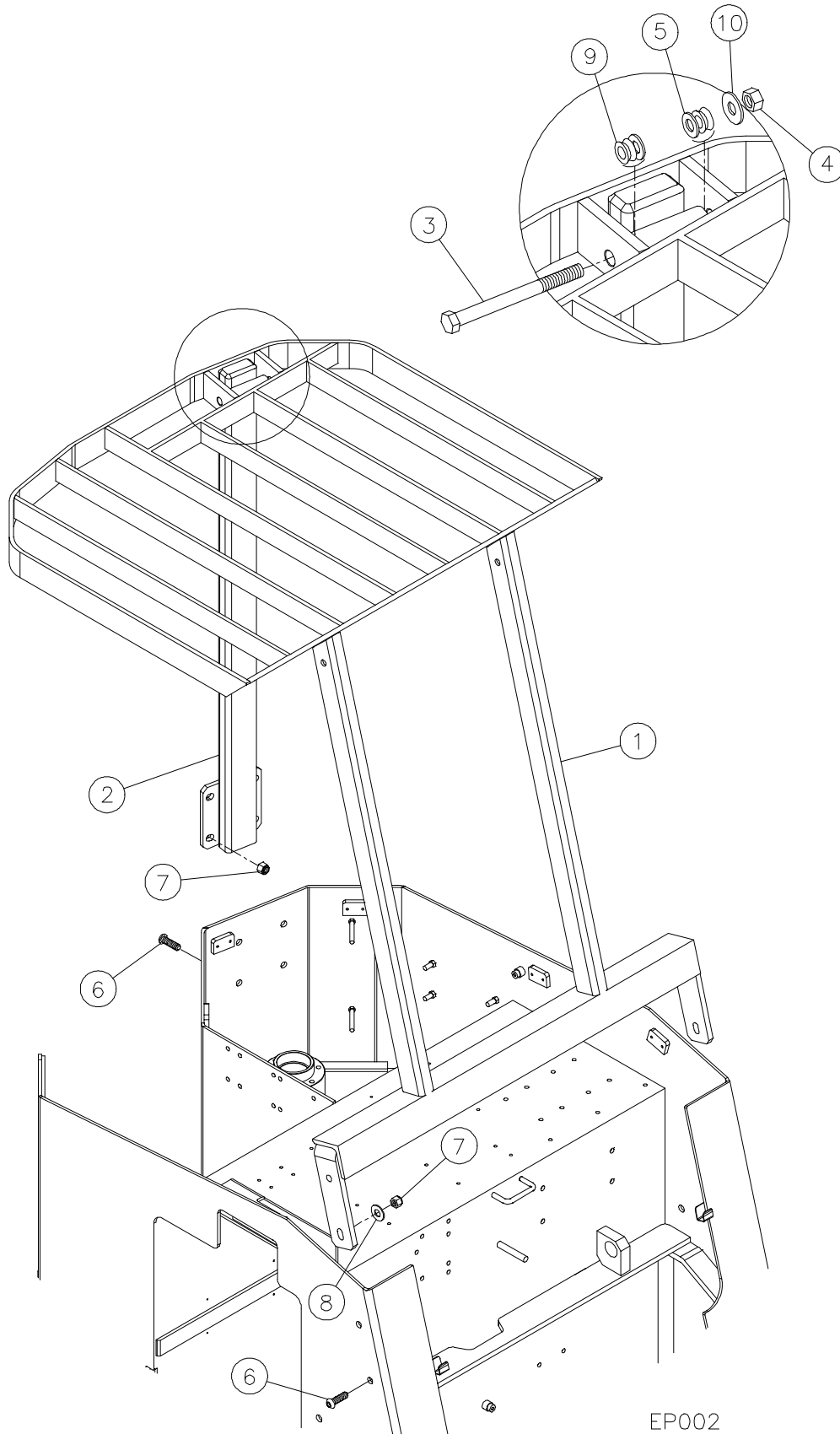
EP001

TOYOTA *Electric Stand Up*

Battery Gates & Rollers

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-11832-71	Battery Gate	2	
2	Not Sold Sep.	Battery Roller Shaft	5	
3	00593-10207-71	Flat Washer, 9/16"	10	
4	00593-10620-71	O-Ring, 9/16" ID x 3/4" OD	10	
5	Not Sold Sep.	Steel Roller	5	
6	00593-10174-71	Bushing	10	
7	00593-10252-71	Battery Roller & Shaft Assembly	5	Includes Items 2 thru 6



EP002

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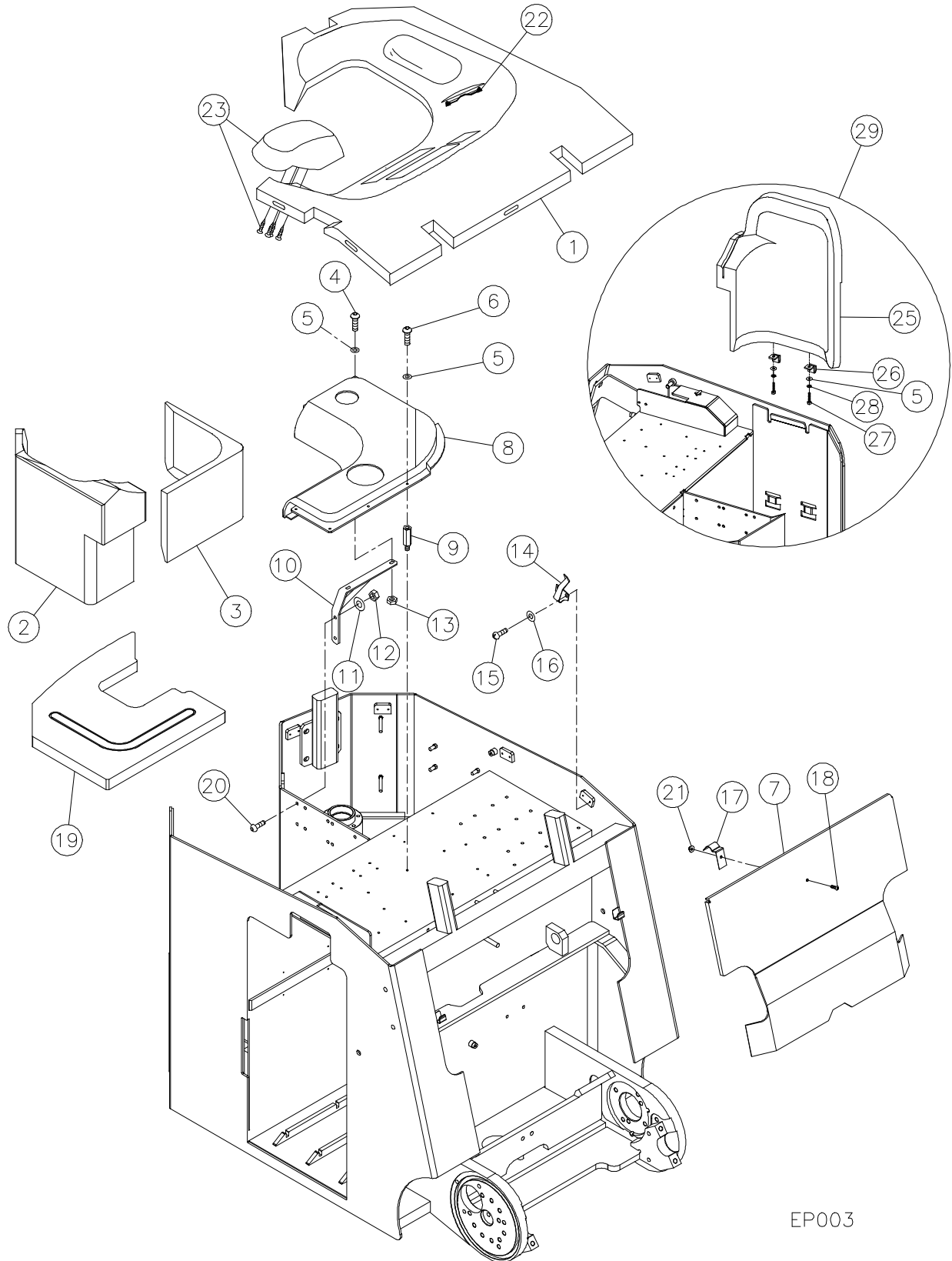
Overhead Guard

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	See Table	Overhead Guard	1	
2	00593-11853-71	Rear Post, 83"	1	
	00593-11854-71	Rear Post, 85"	1	
	00593-11855-71	Rear Post, 87"	1	
3	00593-10472-71	Hex Screw, 5/8-11 x 6½"	1	
4	00593-10111-71	Nylon Lock Nut, 5/8-11	1	
5	00593-10071-71	Machine Bushing, 5/8"	2	
6	00593-11757-71	Button Head Screw, 1/2-13 x 1¾"	8	
7	00593-10108-71	Hex Nut, 1/2-13	8	
8	00593-10206-71	Flat Washer, 1/2"	4	
9	00593-10431-71	Grommet, 5/8" ID x 1" OD	2	
10	00593-10085-71	Flat Washer, 5/8"	1	

Overhead Guard without Wire Mesh	
Overhead Guard Height	6BNCUE15/6BNCUE18
83"	00593-11838-71
85"	00593-11839-71
87"	00593-11840-71

Overhead Guard with Wire Mesh	
Overhead Guard Height	6BNCUE15/6BNCUE18
83"	00593-11835-71
85"	00593-11836-71
87"	00593-11837-71



EP003

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Pads & Plastics

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10683-71	Top Cover	1	
2	00593-10645-71	Right Pad - Rear Entry	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"	7	
6	00593-10463-71	Hex Screw w/nylon, 1/4-20 x 1/2" Gr 5	5	
7	00593-11828-71	Front Cover	1	
8	00593-11470-71	Control Cover - Forward Stance	1	
	00593-11471-71	Control Cover - Side Stance	1	
9	00593-11064-71	Hex Standoff, 1/4-20 x 1/2"	5	
10	00593-10692-71	Control Cover Mount Bracket	1	
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	2	
14	00593-10498-71	Top Cover Spring Clip	7	
15	00593-10143-71	Machine Screw, #10-24 x 3/8"	14	
16	00593-10038-71	Lock Washer, #10	14	
17	00593-11796-71	Front Cover Spring Clip	1	
18	00593-11750-71	Button Head Screw, 1/4-20 x 3/4"	1	
19	00593-11479-71	Floor Mat - Rear Entry	1	
20	00593-10133-71	Socket Head Screw 5/16-18 x 1"	2	
21	00593-10123-71	Flange Lock nut, 1/4-20	1	
22	00593-10499-71	Spring Clip	1	
23	00593-10335-71	Armrest Kit	1	Side Stance Only
24	00593-10345-71	Dual Lock Fastener Kit (36 Pairs)	1	
25	00593-10648-71	High Backrest Pad	1	
26	00593-10649-71	Bracket	2	
27	00593-10084-71	Hex Screw, 1/4-20 x 1 1/2"	2	
28	00593-10043-71	Lock Washer, 1/4"	2	
29	00593-10348-71	Field Install High Backrest Kit	1	Side Stance Only

Decals

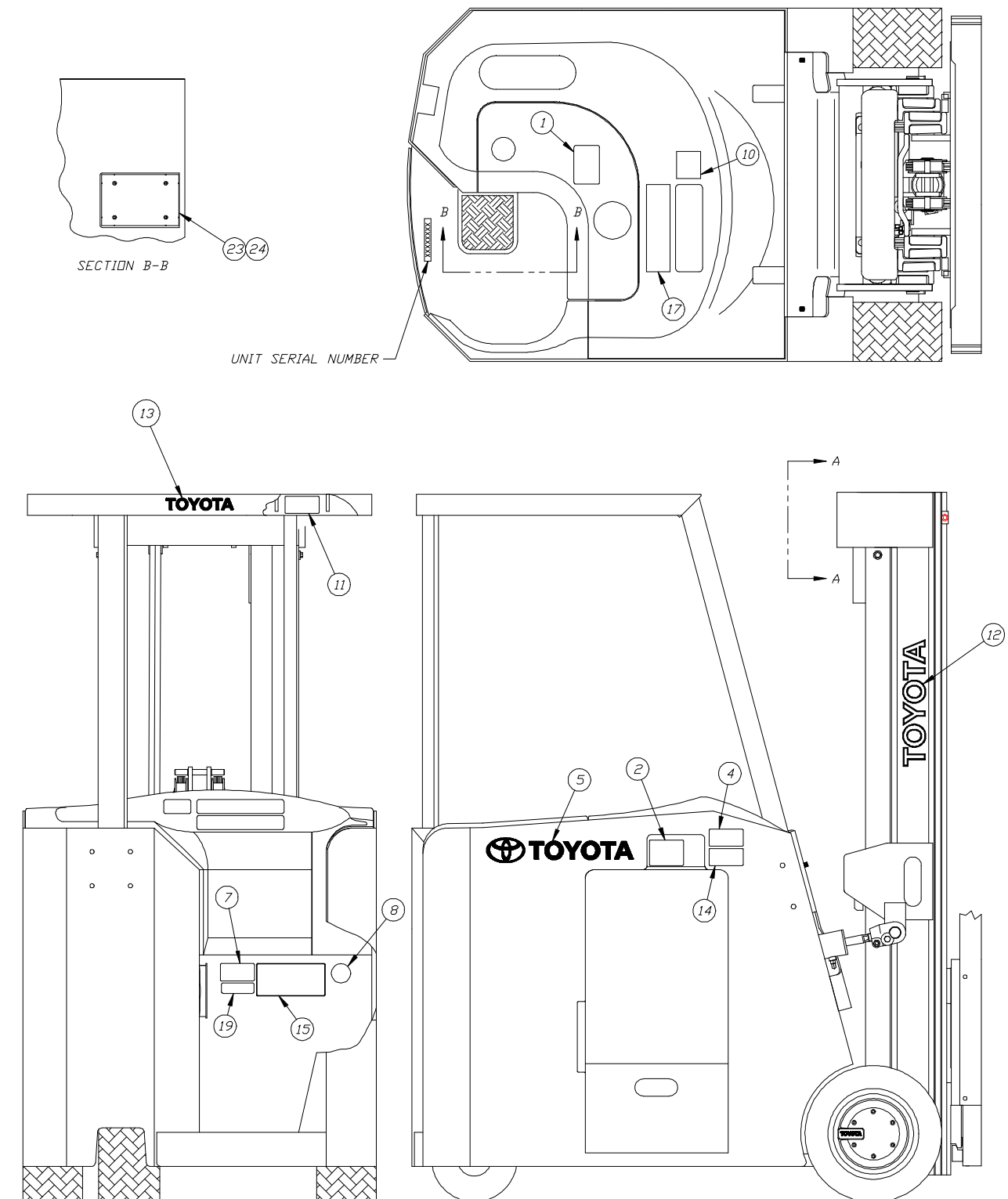


TOYOTA Electric Stand Up

Decals

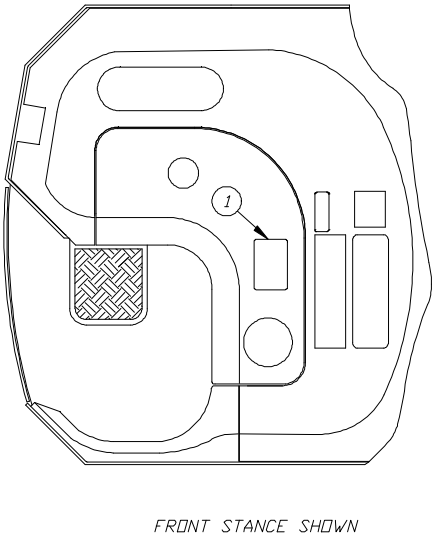
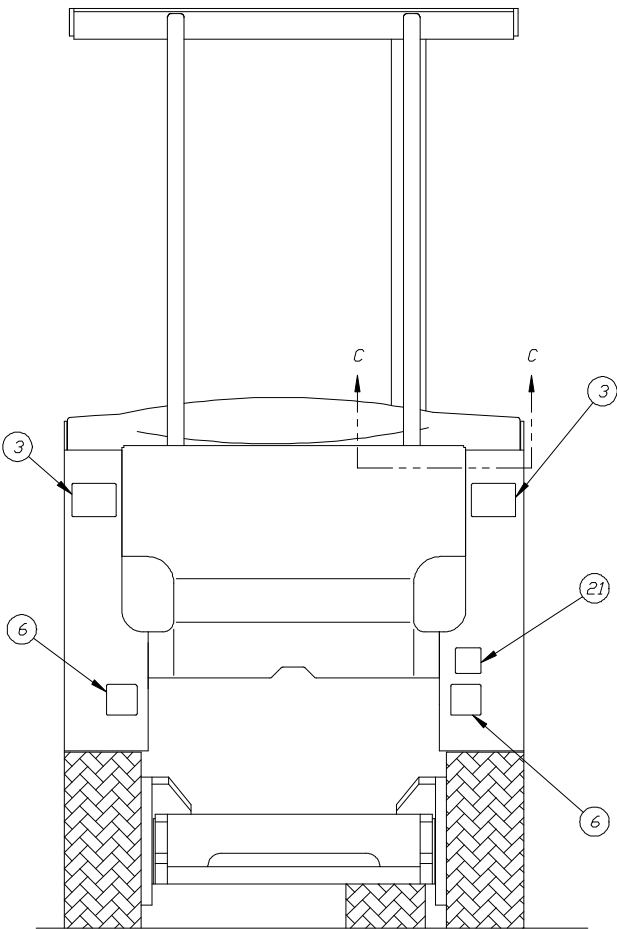
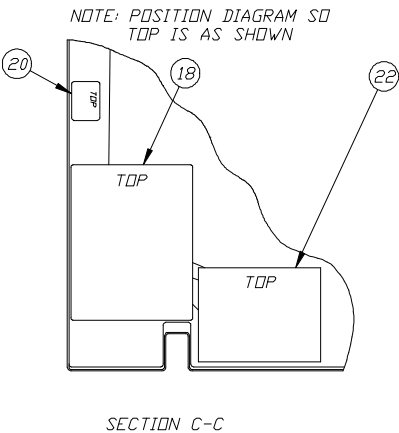
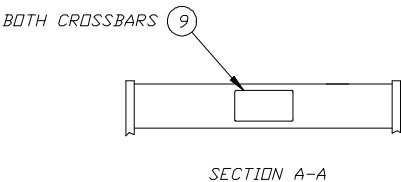
THIS PAGE APPLIES TO
MODELS E6BNCUE15, E6BNCUE18
ALL SERIAL NUMBERS

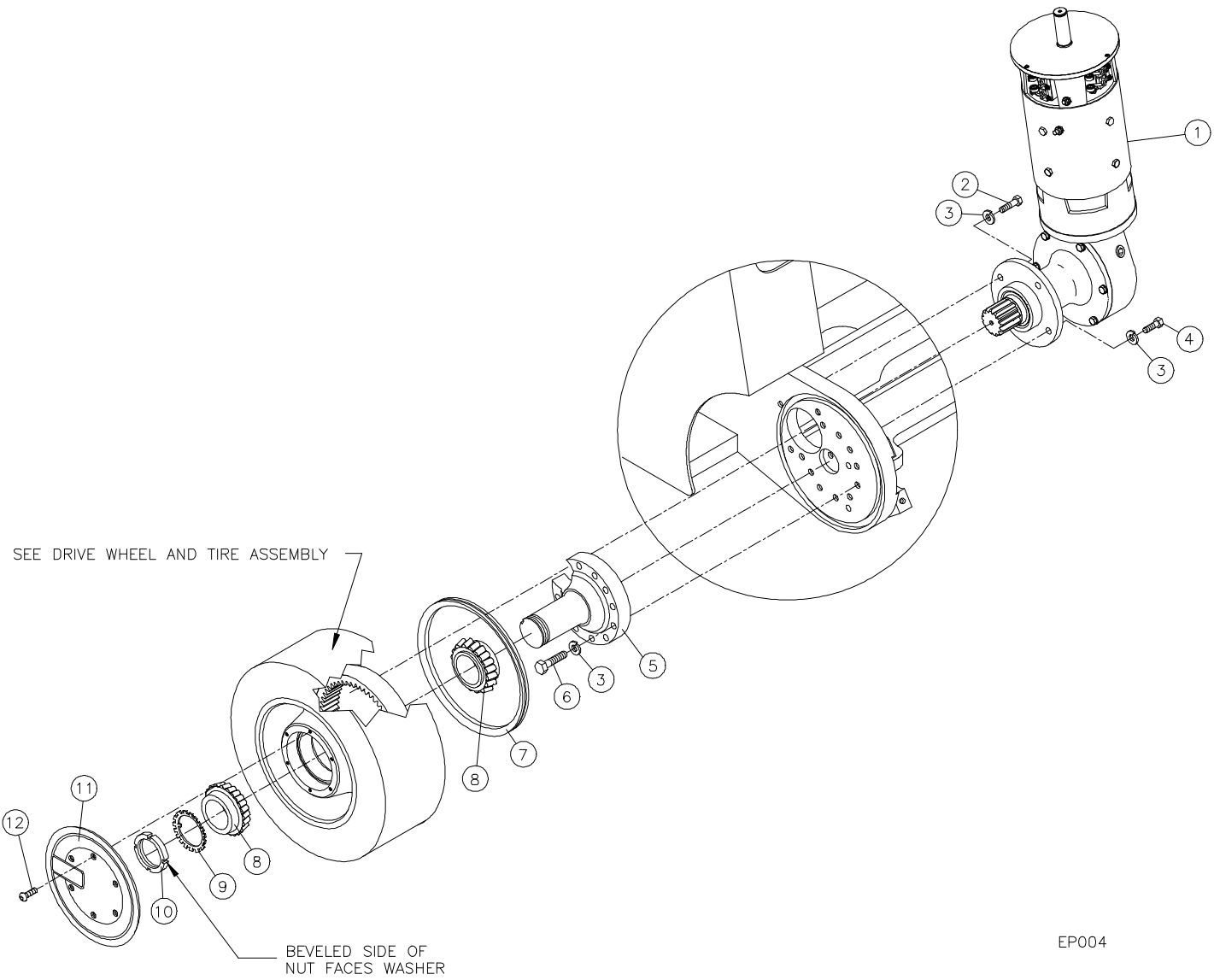
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10413-71	Control Decal	1	
2	00593-10421-71	Warning Decal - Battery Connector	1	
3	00593-10422-71	Warning Decal - Do Not Ride on Forks	2	
4	00593-10423-71	Disconnect Battery Before Service	1	
5	00593-11725-71	Toyota Side Emblem	2	
6	00593-10424-71	Warning Decal - Pinch Point	2	
7	00593-10425-71	Warning Decal - Notice to User	1	
8	00593-10411-71	UL Type E Decal	1	
9	00593-10426-71	Stay Clear of Moving Parts Decal	2	
10	00593-10428-71	Never Load Beyond Capacity Decal	1	
11	00593-10429-71	Overhead Guard Compliance Decal	1	
12	00593-11726-71	Toyota Mast Emblem	2	
13	00593-11727-71	Toyota OHG Emblem	2	
14	00593-11060-71	Minimum Battery Decal	1	
15	N/A	Toyota Serial Plate	1	
17	00593-10427-71	Operator Safety Rules Decal	1	
18	00593-11930-71	Wiring Diagram	1	
19	00593-10418-71	Patent Decal	1	
20	00593-11931-71	Fuse Decal	1	
21	00593-10419-71	Cold Storage Decal	1	
22	00593-11932-71	Error Code Decal	1	
23	00593-10203-71	Operator Manual Box (Base)	1	
24	00593-10204-71	Operator Manual Box (Cover)	1	



TOYOTA Electric Stand Up

Decal Location



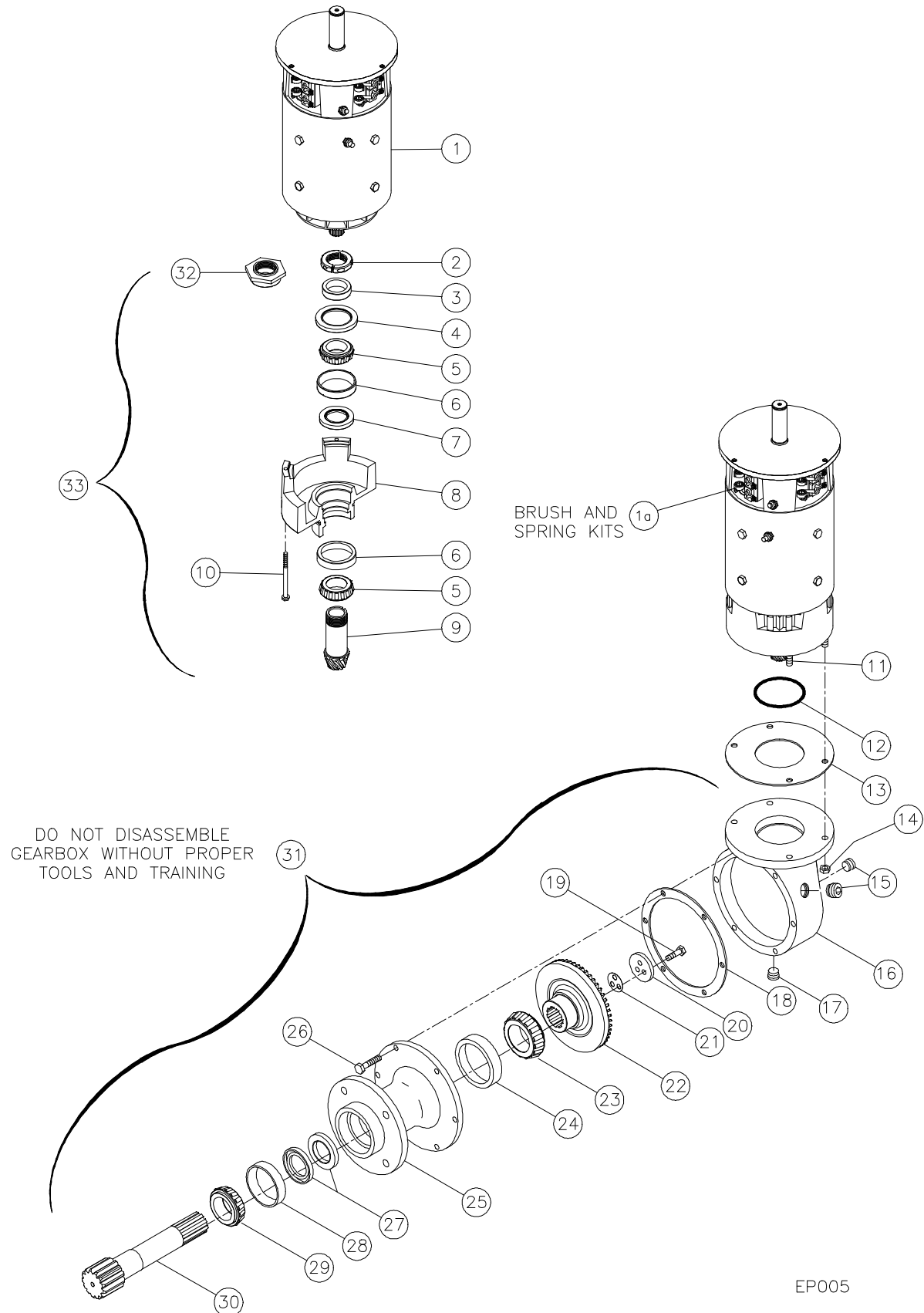


TOYOTA Electric Stand Up

Drive Train

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-11919-71	Drive Unit Assembly - Right	1	See Drive Unit Assembly for
	00593-11920-71	Drive Unit Assembly - Left	1	breakdown
2	00593-10059-71	Socket Head Screw, 1/2-13 x 1½"	3	per drive unit
3	00593-10063-71	Lock Washer, 1/2"	14	per drive unit
4	00593-10152-71	Socket Head Screw, 1/2-13 x 1¼"	1	per drive unit
5	00593-11759-71	Spindle	2	
6	00593-10109-71	Hex Screw, 1/2-13 x 2¼" Gr 8	10	per spindle
7	00593-10641-71	V-Ring Seal	2	
8	00593-10358-71	Cone Bearing	2	per wheel
9	00593-10486-71	Tab Lock Washer	1	per wheel
10	00593-10479-71	Lock Nut	1	per wheel
11	00593-11482-71	Wheel Cover	1	per wheel
12	00593-10463-71	Button Head Screw, 1/4-20 x 1/2"	6	per wheel



EP005

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Drive Unit

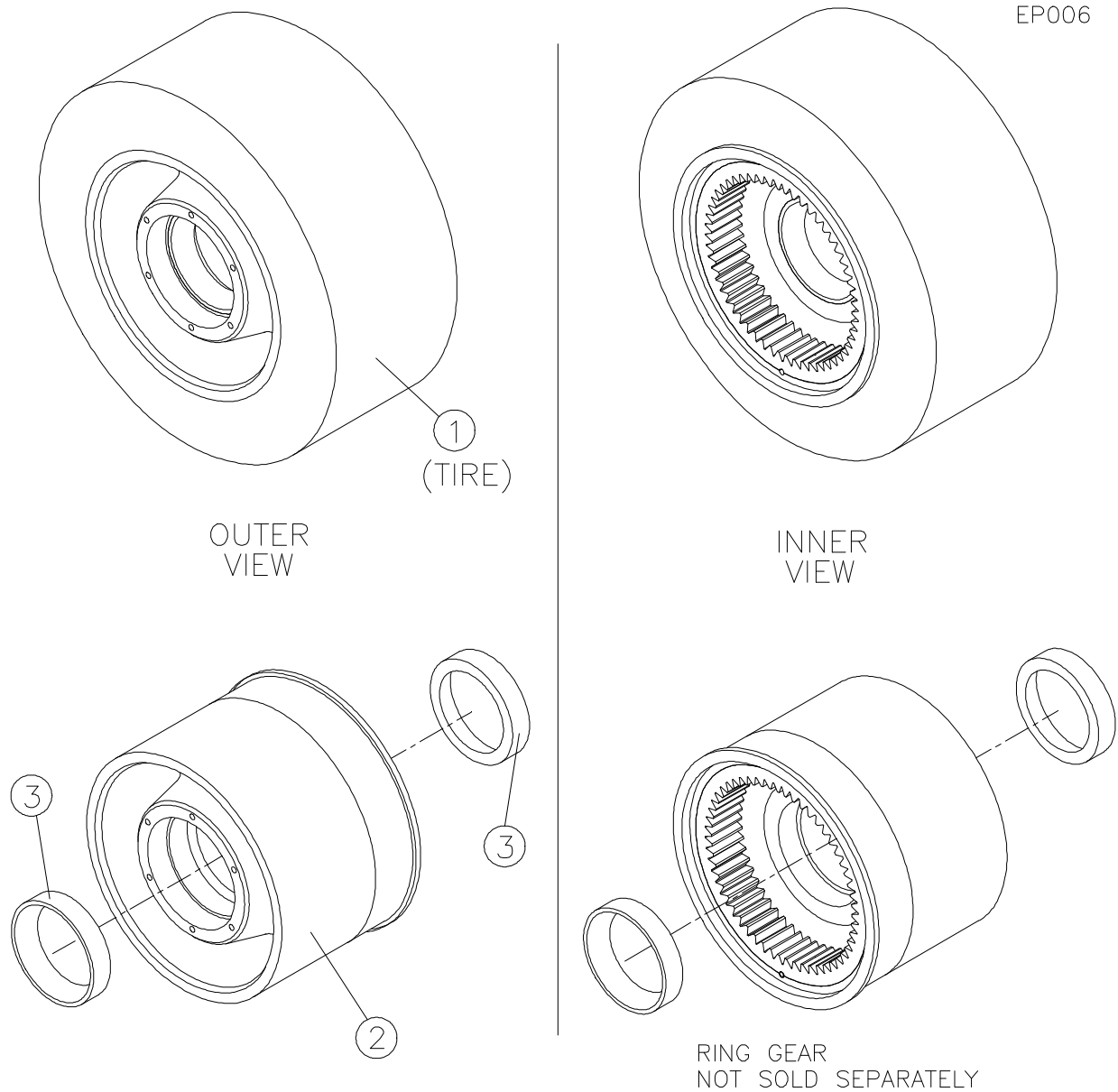
THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-11778-71	Drive Motor, 6.7" - without endbell	1	
	00593-11775-71	Drive Motor, 6.7" - with endbell	1	Does not include pinion etc.
1a	00593-11782-71	Brush Kit, Standard - includes 8 brushes	1	
	00593-11781-71	Brush Kit, BWI - includes 8 brushes	1	For Brush Wear Indicators
	00593-11780-71	BWI Installation Kit for 1 motor	1	Includes 8 brushes, harness
	00593-11774-71	Top Endhead - Includes brushes, springs	1	No BWI
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	00593-11776-71	Endbell, Drive End	1	Does not include pinion etc.
9	00593-11827-71	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	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	1	
31	00593-11445-71	Gearbox Assembly with pinion	1	
	00593-11457-71	Gearbox Assembly without pinion	1	
32	00593-10611-71	Adjustment Nut with Spacer	1	Replaces Items 2 & 3
33	00593-11921-71	Endbell with Pinion Assembly	1	

NOTE: All quantities listed are per drive unit.

† Not available at time of printing, consult factory

DO NOT DISASSEMBLE THE DRIVE UNIT WITHOUT THE PROPER TOOLS AND TRAINING



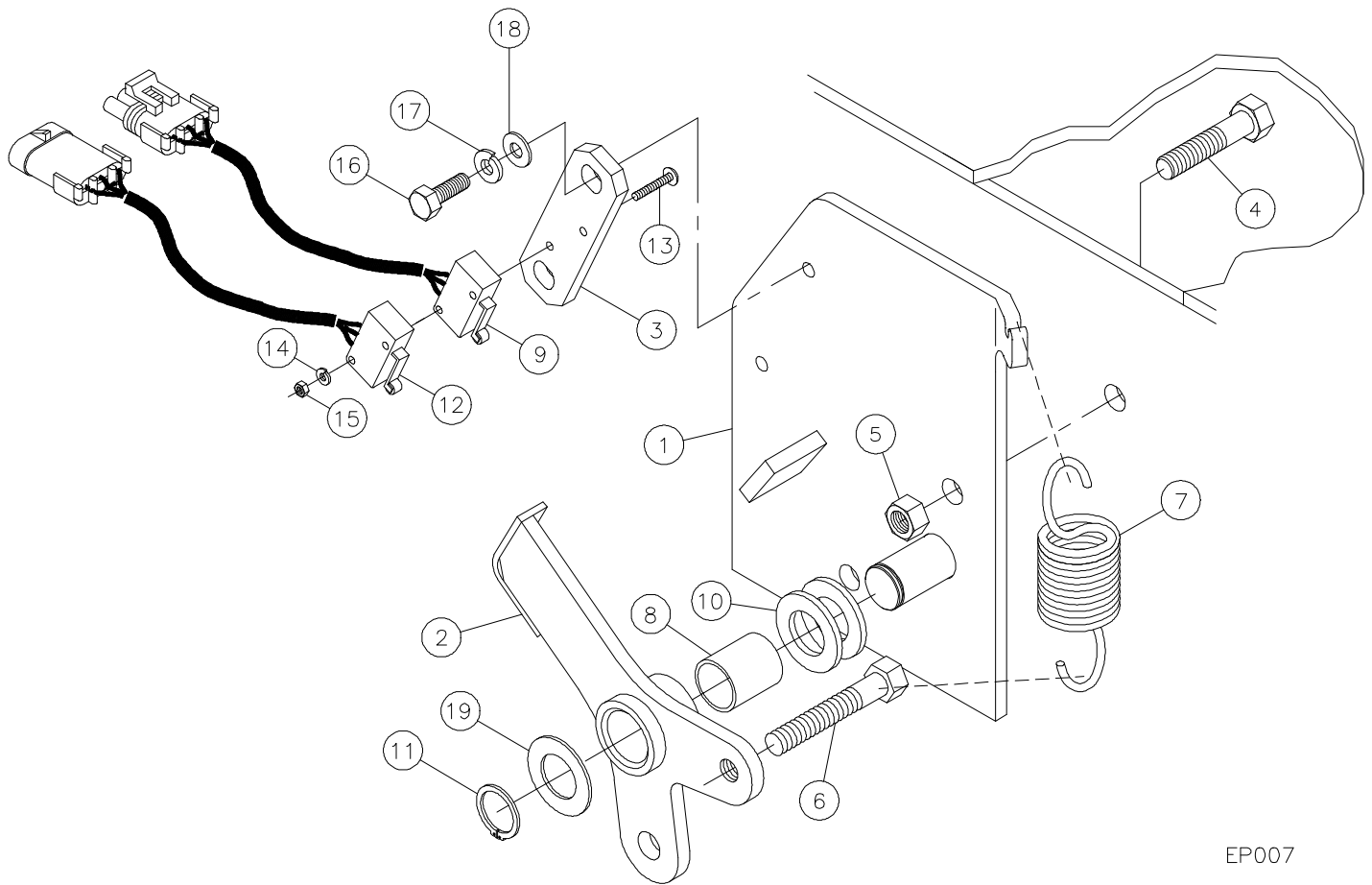
TOYOTA *Electric Stand Up*

Drive Wheel and Tire

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
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	00593-11760-71	Wheel with Ring Gear & Cups	1	
3	00593-10359-71	Bearing Cup	2	

	Rubber Tire	Black Poly Tire	Cream Poly Tire
Wheel & Tire Assembly	00593-11859-71	00593-11860-71	00593-11861-71
Tire	00593-11826-71	00593-11754-71	00593-11824-71



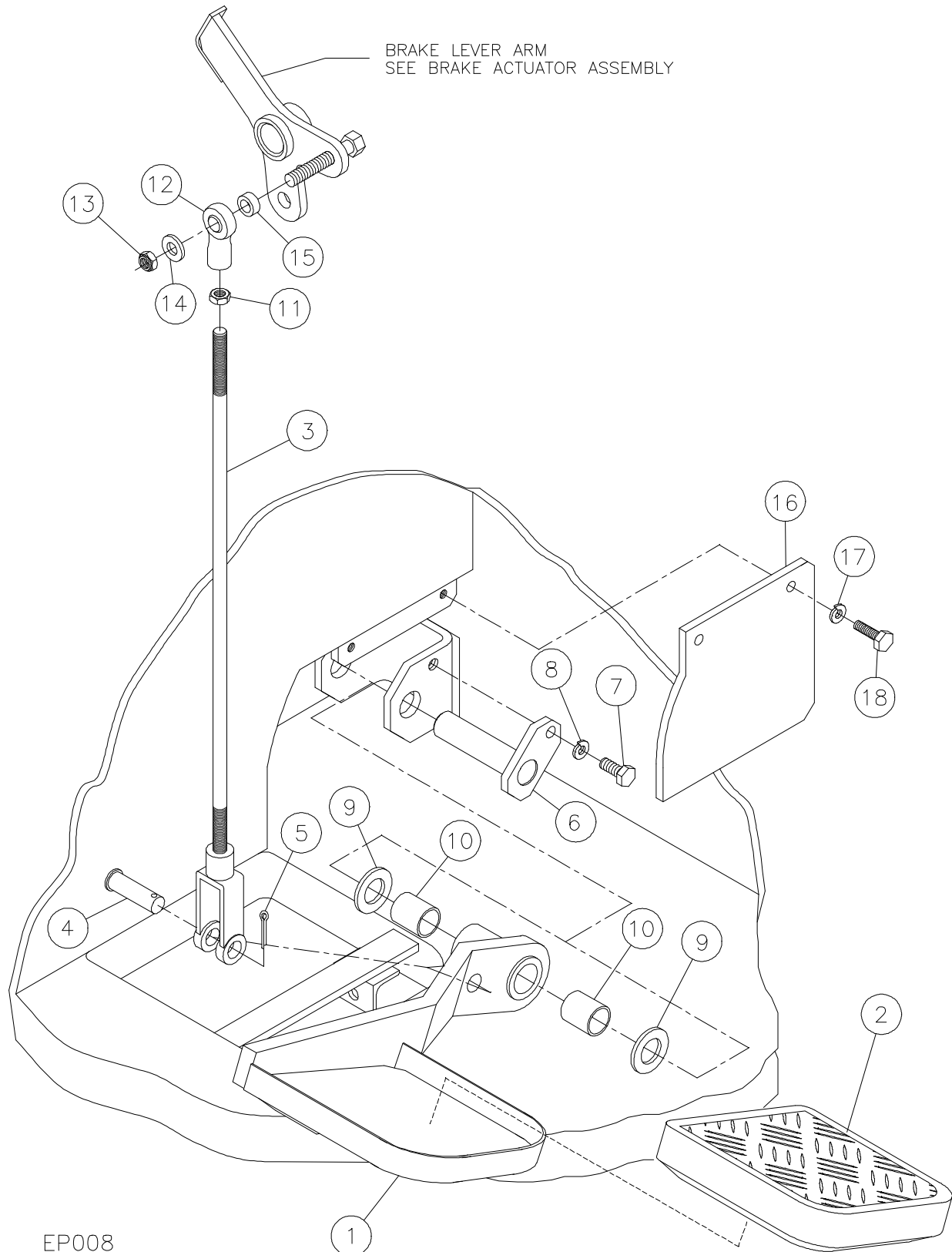
EP007

TOYOTA Electric Stand Up

Brake Actuator Assembly

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-11762-71	Brake Mount Plate	1	
2	00593-10293-71	Brake Lever Arm	1	
3	00593-10289-71	Limit Switch Mount Plate	1	
4	00593-10102-71	Hex Screw, 3/8-16 x 1 $\frac{3}{4}$ "	2	
5	00593-10243-71	Nylon Lock Nut, 3/8-16	2	
6	00593-11791-71	Brake Bolt	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 Flat Washer, 3/4"	2	
11	00593-10148-71	Snap Ring, 3/4"	1	
12	00593-11770-71	Brake Actuator Switch Assembly	1	
13	00593-10506-71	Pan Head Screw, #4-40 x 1 $\frac{3}{4}$ "	2	
14	00593-11793-71	Lock Washer, #4	2	
15	00593-10168-71	Nut, #4-40	2	
16	00593-10105-71	Hex Screw, 1/4-20 x 3/4"	2	
17	00593-10043-71	Lock Washer, 1/4"	2	
18	00593-10042-71	Flat Washer, 1/4"	2	
19	00593-11797-71	Arbor Shim, 0.031"	1	

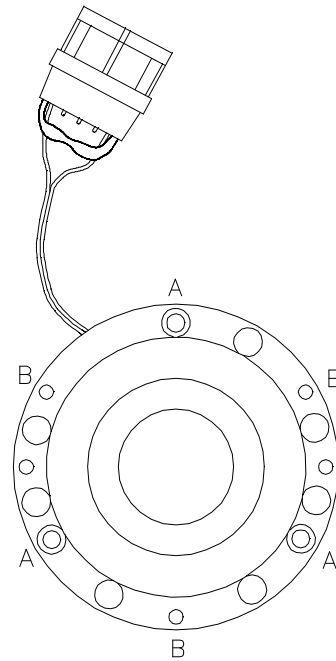
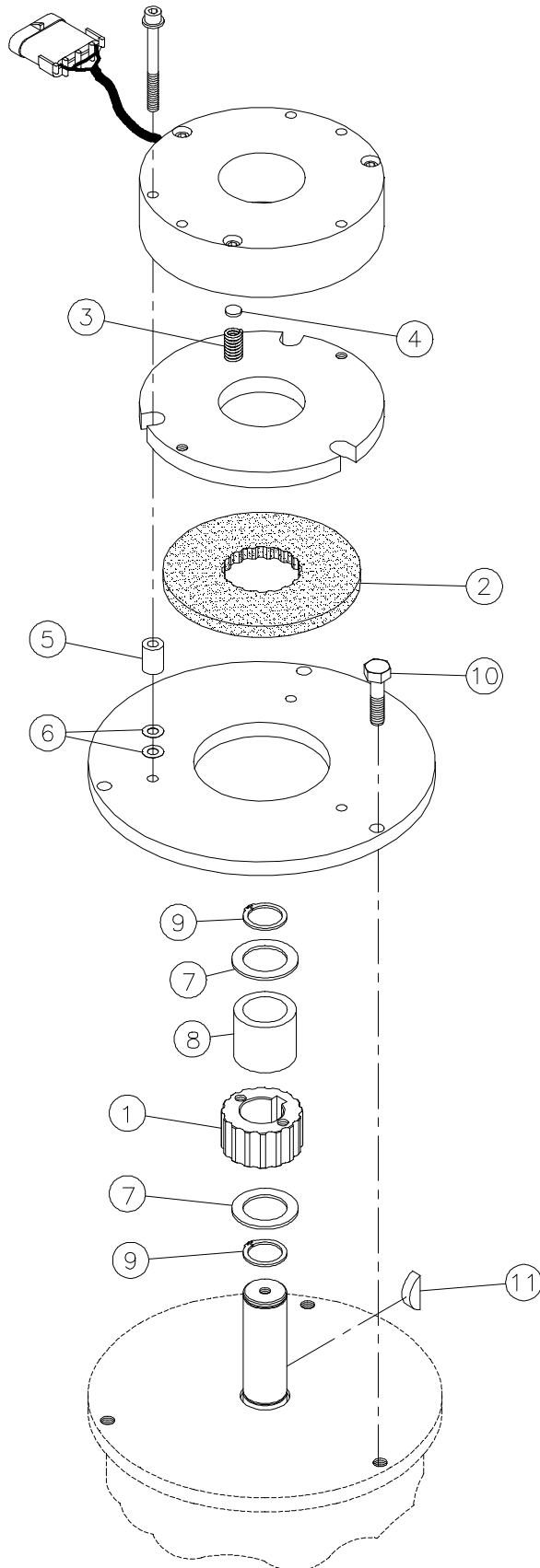


EP008

TOYOTA Electric Stand Up*Brake Pedal Assembly*

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
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	1	
4	00593-10531-71	Clevis Pin, 1/2" x 1½"	1	
5	00593-10532-71	Cotter Pin, 5/32"	1	
6	00593-10288-71	Pivot Pin, Brake Pedal	1	
7	00593-10465-71	Hex Screw, 5/16-18 x 3/4"	1	
8	00593-10046-71	Lock Washer, 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, 3/8" (3/4" OD)	1	
15	00593-10759-71	Brake Rod Spacer, 1/4"	1	
16	00593-10291-71	Cover Plate	1	
17	00593-10043-71	Lock Washer, 1/4"	2	
18	00593-10462-71	Hex Screw, 1/4-20 x 3/4" w/nylon	2	



A—Clamping Pressure Adjustment Screws
Place a disc and a spring in these 3 holes
B—Mounting Screw Holes

EP009

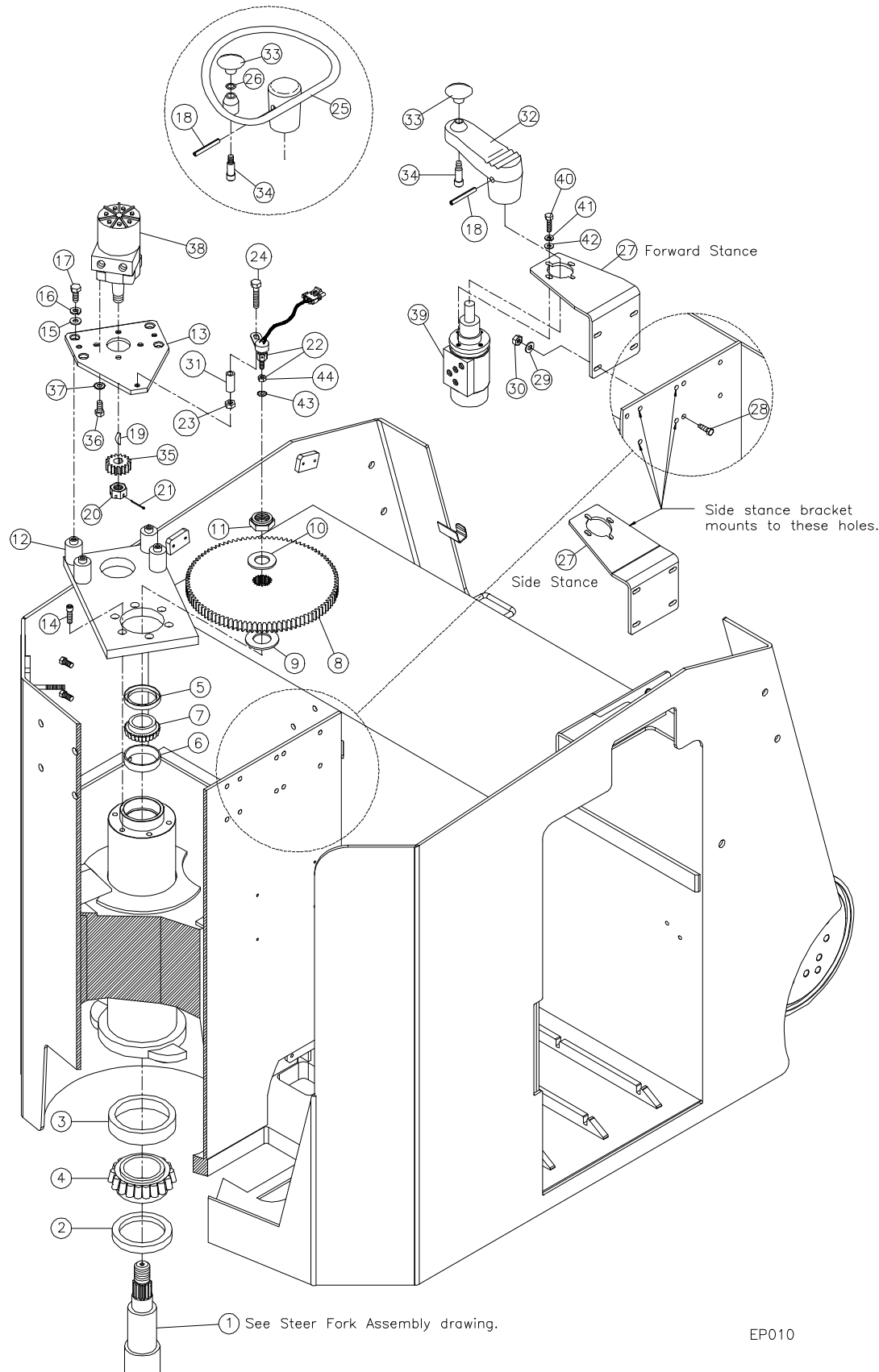
TOYOTA Electric Stand Up

Disc Brake Unit

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-11818-71	Arbor	1	
2	00593-11819-71	Friction Plate	1	
3	00593-11822-71	Spring	10	See drawing for installation
4	Not Sold Sep.	Disc	3	locations.
5	00593-11820-71	Spacer	3	
6	00593-11821-71	Shims	A/R	See Service Manual for
	00593-11823-71	Shims	A/R	correct shimming
7	00593-10512-71	Arbor Shim, 0.005"	A/R	specifications and
	00593-10513-71	Arbor Shim, 0.010"	A/R	procedures.
	00593-10514-71	Arbor Shim, 0.015"	A/R	
8	00593-10758-71	Spacer	1	
9	00593-10081-71	Snap Ring	2	
10	00593-10100-71	Hex Screw, 5416-18 x 1¼	3	
11	00593-10146-71	Woodruff Key, 5/16" x 1"	1	
12	00593-11863-71	Disc Brake Unit Assembly		Does not include Items 7-11
	00593-11864-71	Disc Brake Unit Assembly - Freezer		Does not include Items 7-11

A/R = As Required



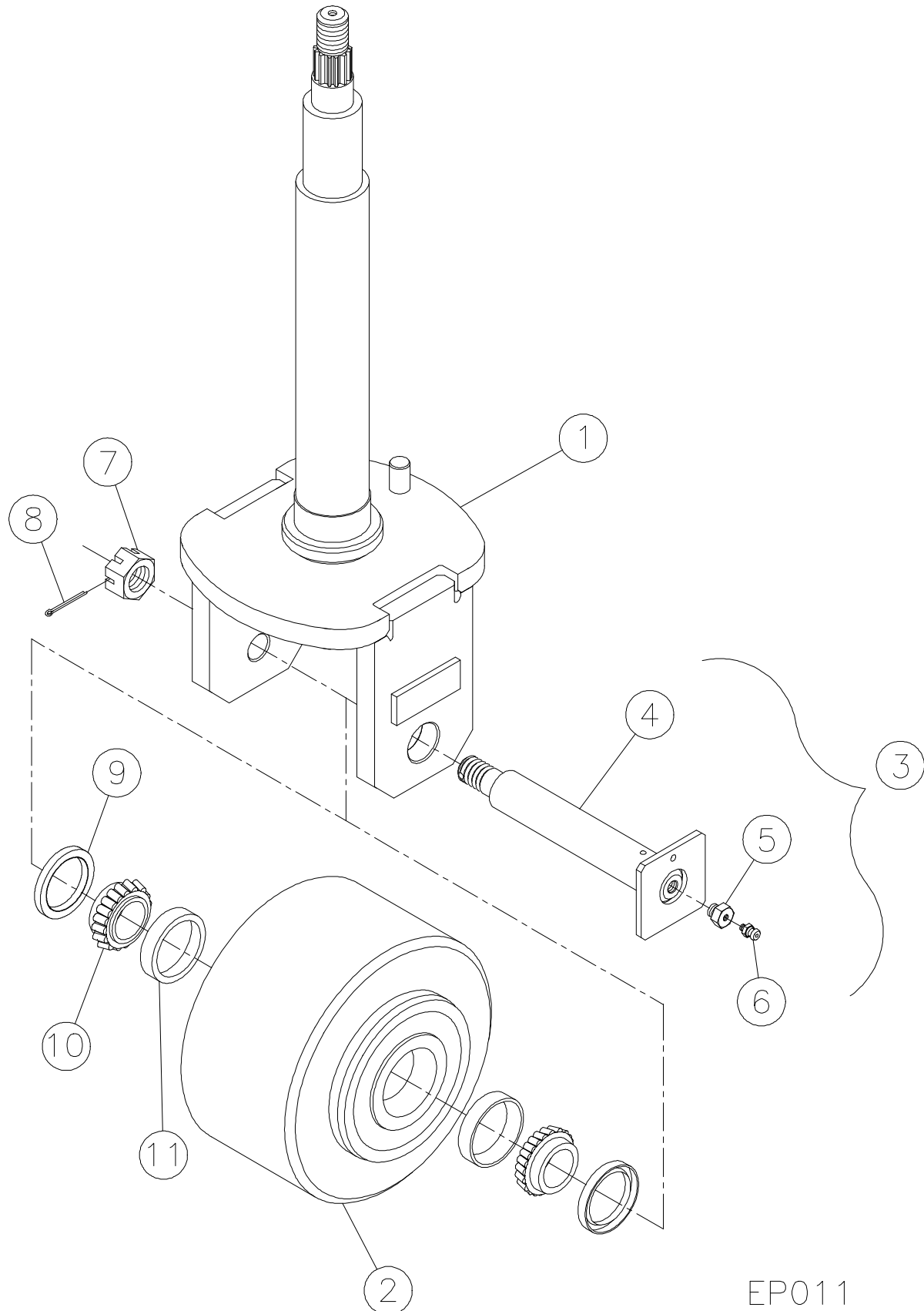
EP010

TOYOTA Electric Stand Up

Steering Assembly

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	See Steer Fork	Seer 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	Machine Bushing, 1-3/8" x 10Ga.	1	
10	00593-10510-71	Machine Bushing, 1-1/8" x 10Ga.	1	
11	00593-10211-71	Jam Lock Nut, 1-1/8-12	1	
12	00593-11763-71	Gear Box	1	
13	00593-11765-71	Upper Plate	1	
14	00593-10467-71	Socket Head Screw, 3/8-16 x 1"	6	Apply LocTite 242
15	00593-10054-71	Flat Washer, 3/8"	4	
16	00593-10055-71	Lock Washer, 3/8"	4	
17	00593-10093-71	Hex Screw, 3/8-16 x 1"	4	
18	00593-10530-71	Spiral Roll Pin, 5/16" x 2½"	1	
19	00593-10122-71	Woodruff Key, 1/4" x 1"	1	
20	00593-10482-71	Slotted Hex Nut, 3/4-16	1	
21	00593-10076-71	Cotter Pin, 1/8" x 1½"	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 2½"	1	
25	00593-10336-71	Half Moon Steering Wheel	1	
	00593-10337-71	Half Moon Steering Wheel Assembly	1	Includes 25, 26, 33, 34
26	00593-10370-71	Bushing	1	
27	00593-11867-71	Mount Bracket - Side Stance	1	
	00593-11868-71	Mount Bracket - Forward Stance	1	
28	00593-10091-71	Hex Screw, 5/16-18 x 1"	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	1	
33	00593-10652-71	Knob	1	
34	00593-10508-71	Shoulder Bolt, 1/2" x 1"	1	
35	00593-11437-71	Pinion Gear	1	
36	00593-10134-71	Hex Screw, 3/8-16 x 5/8"	4	
37	00593-11742-71	External Tooth Lock Washer, 3/8"	4	
38	See Steer Hyd.	Hydraulic Motor	1	
39	See Steer Hyd.	Steer Control Valve	1	
40	00593-11799-71	Hex Screw, M6 x 25mm	4	
41	00593-10043-71	Lock Washer, 1/4"	4	
42	00593-10042-71	Flat Washer	4	
43	00593-10488-71	External Tooth Lock Washer	1	
44	00593-10048-71	Hex Nut, 5/16-18	1	Included with Item 22



EP011

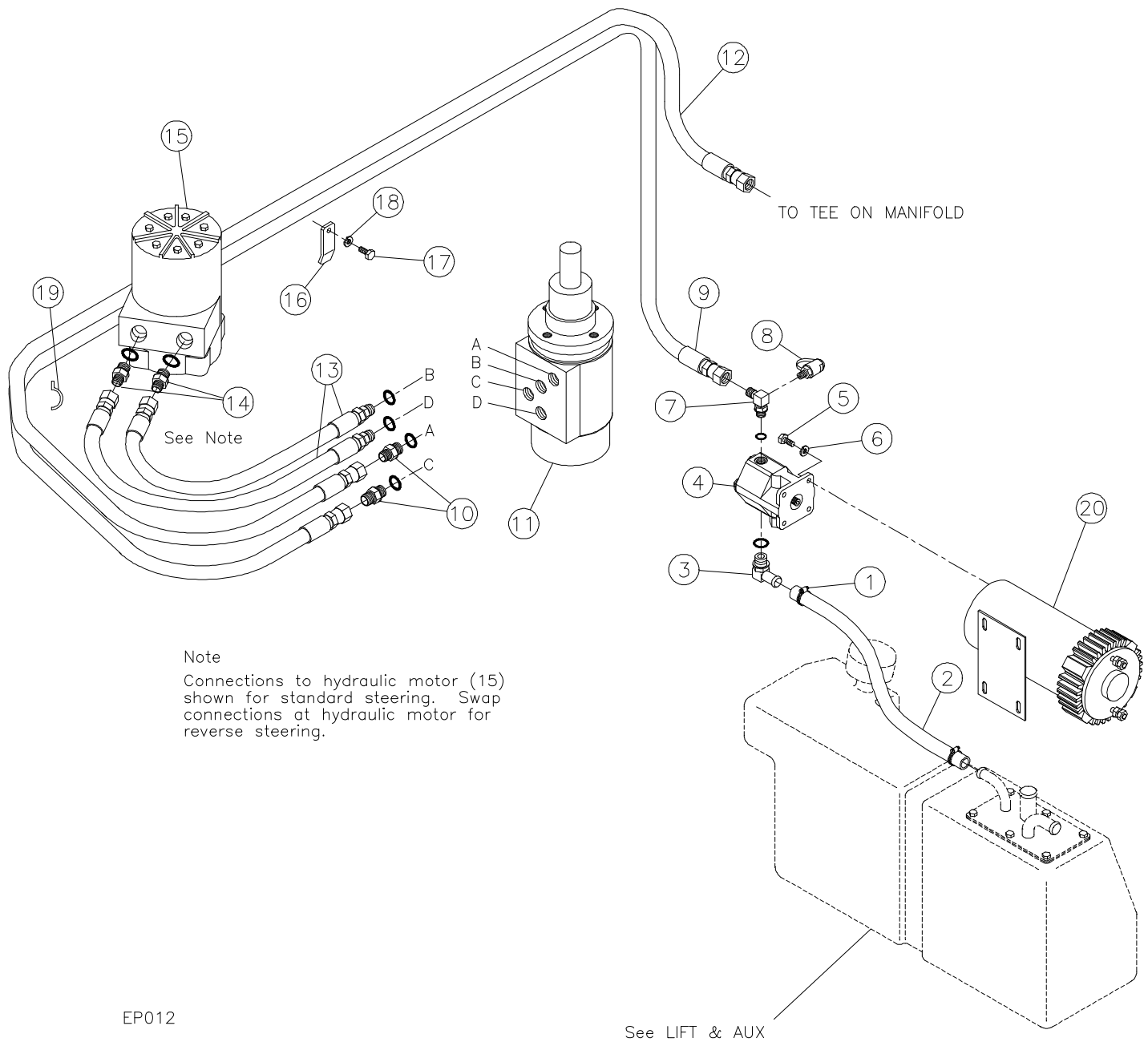
TOYOTA Electric Stand Up

Steer Fork Assembly

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-11866-71	Steer Fork	1	
2	See Table	Wheel & Tire	1	
3	00593-11764-71	Axle Assembly	1	Includes 4, 5, 6
4	00593-11865-71	Axle	1	
5	00593-11830-71	Adapter	1	
6	00593-10075-71	Straight Zerk	1	
7	00593-11746-71	Hex Slotted Nut, 1-8	1	
8	00593-11798-71	Cotter Pin, 1/4" x 1½"	1	
9	00593-10003-71	Seal	2	
10	00593-10002-71	Cone Bearing	2	
11	00593-10001-71	Bearing Cup	2	

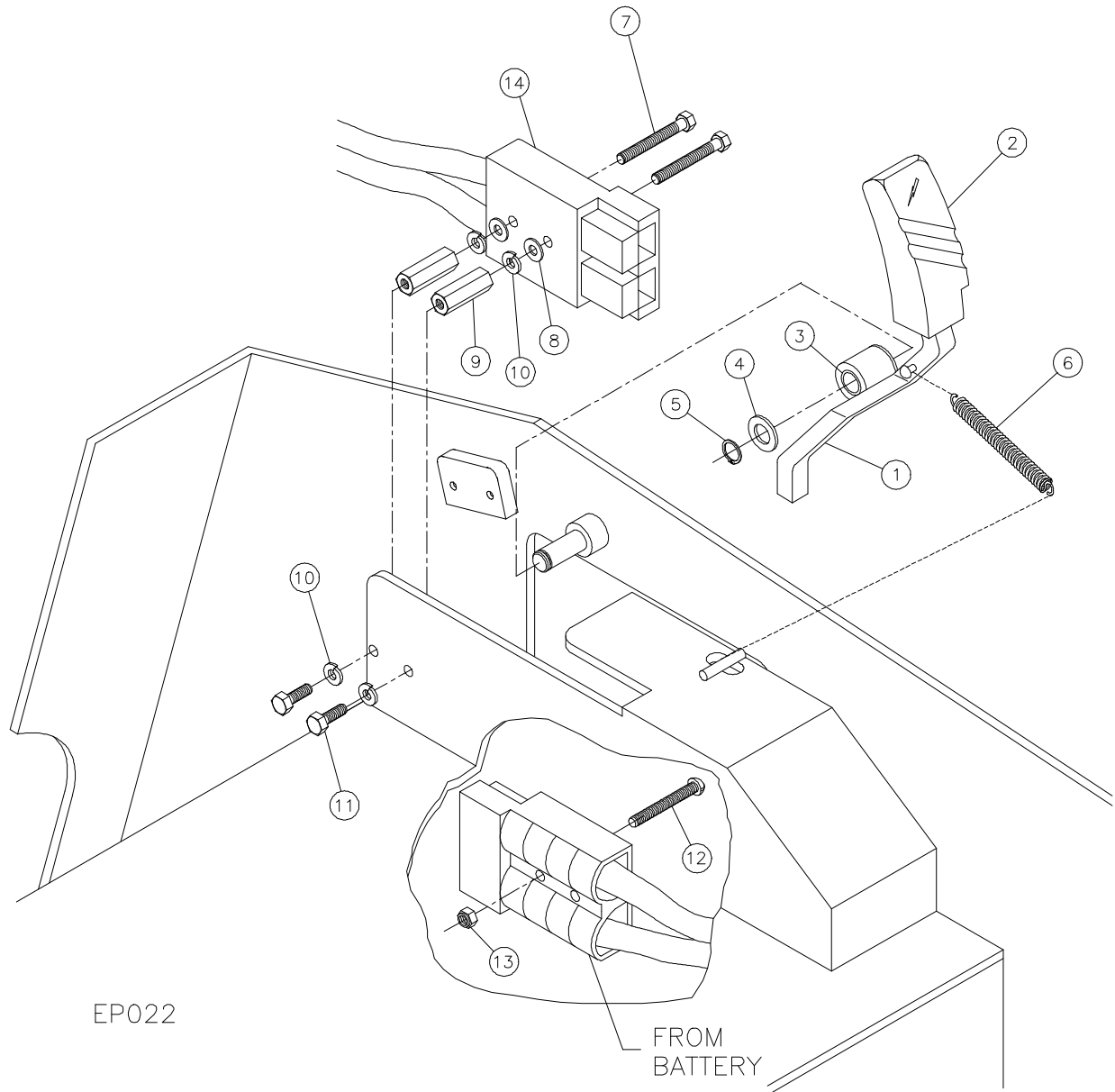
	Wheel & Tire Assembly (Includes bearing cups)	Wheel Casting	Tire
Rubber Tire, 10.5 x 7 x 6.5	00593-11858-71	00593-11829-71	00593-11752-71
Black Poly Tire, 10.5 x 7 x 6.5	00593-11856-71		00593-11753-71
Cream Poly Tire, 10.5 x 7 x 6.5	00593-11857-71		00593-11825-71



TOYOTA Electric Stand Up*Steer Hydraulics*

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10072-71	Hose Clamp	2	
2	00593-11909-71	Push-on Hose, #10, Tank to Steer Pump	1	
3	00593-11804-71	Hose Insert, 90° Elbow, #10-#10	1	
4	00593-11810-71	Steer Pump, 6cc Standard	1	
5	00593-10091-71	Hex Screw, 5/16-18 x 1"	4	
6	00593-10046-71	Lock Washer, 5/16"	4	
7	00593-11761-71	Elbow for Pressure Port	1	
8	00593-10181-71	Pressure Check Port	1	
9	00593-11897-71	Hose, #6 x 77", Pump - Steer Unit	1	Forward Stance
	00593-11898-71	Hose, #6 x 72½", Pump - Steer Unit	1	Side Stance
10	00593-10004-71	Connector, #6 - #6	2	
11	00593-11812-71	Steer Unit	1	
	00593-11813-71	Steering Column	1	
12	00593-11904-71	Hose, #6 x 64½", Steer Unit - Manifold	1	Forward Stance
	00593-11902-71	Hose, #6 x 60", Steer Unit - Manifold	1	Side Stance
13	00593-11899-71	Hose, #6 x 21", Motor - Steer Unit	2	Forward Stance
	00593-11900-71	Hose, #6 x 15¾", Motor - Steer Unit	2	Side Stance
14	00593-11749-71	Connector, #10 - #6	2	
15	00593-11811-71	Hydraulic Motor	1	
16	00593-11831-71	Hydraulic Hose Clamp	1	
17	00593-10113-71	Hex Screw, 1/4-20 x 1/2"	1	
18	00593-10043-71	Lock Washer, 1/4"	1	
19	- - - - -	Loom Clip - See Capacitor Assembly	1	
20	00593-11777-71	Steer Pump Motor	1	
	00593-11783-71	Brush & Spring Kit	1	

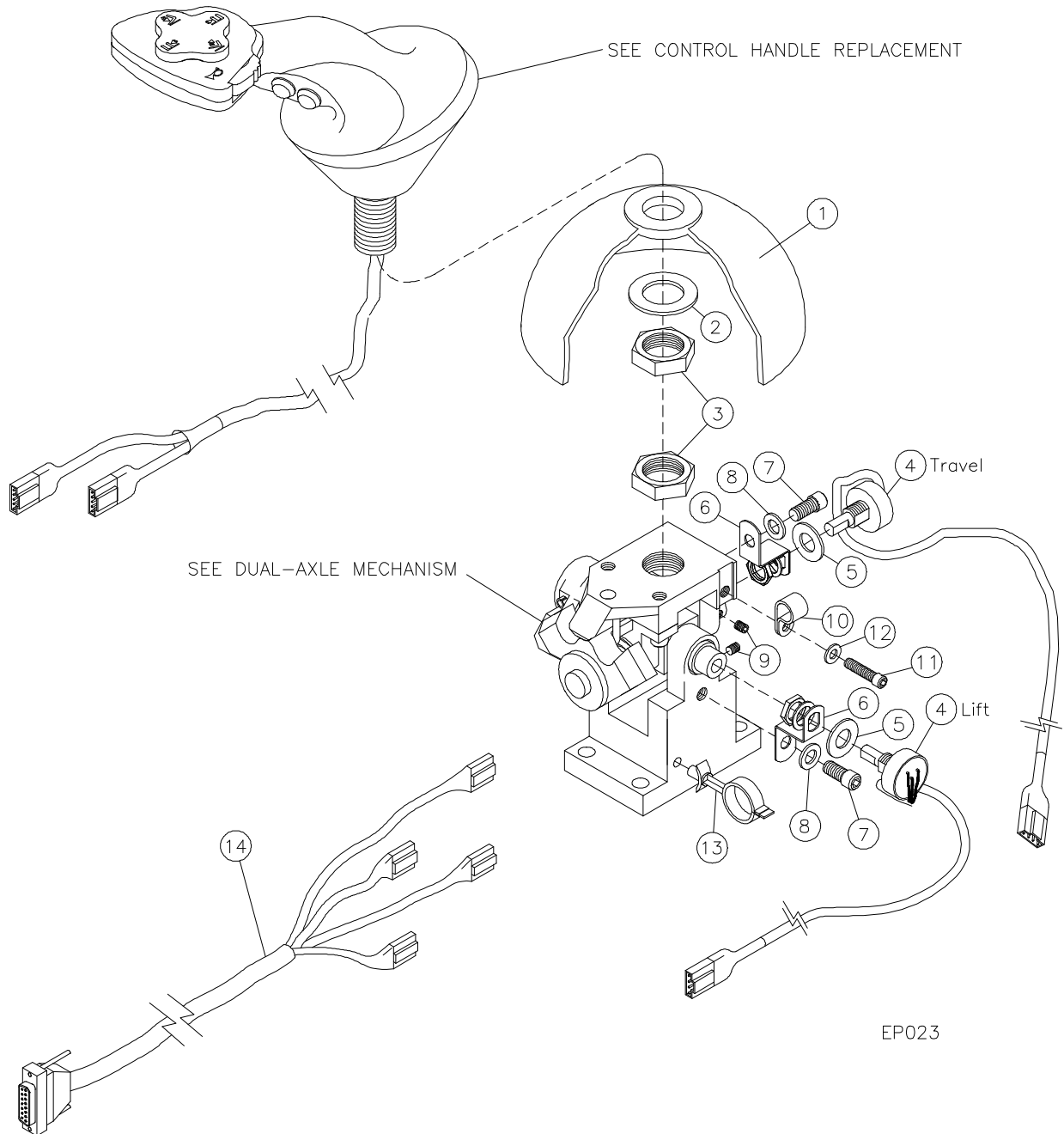


TOYOTA *Electric Stand Up*

Battery Disconnect

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

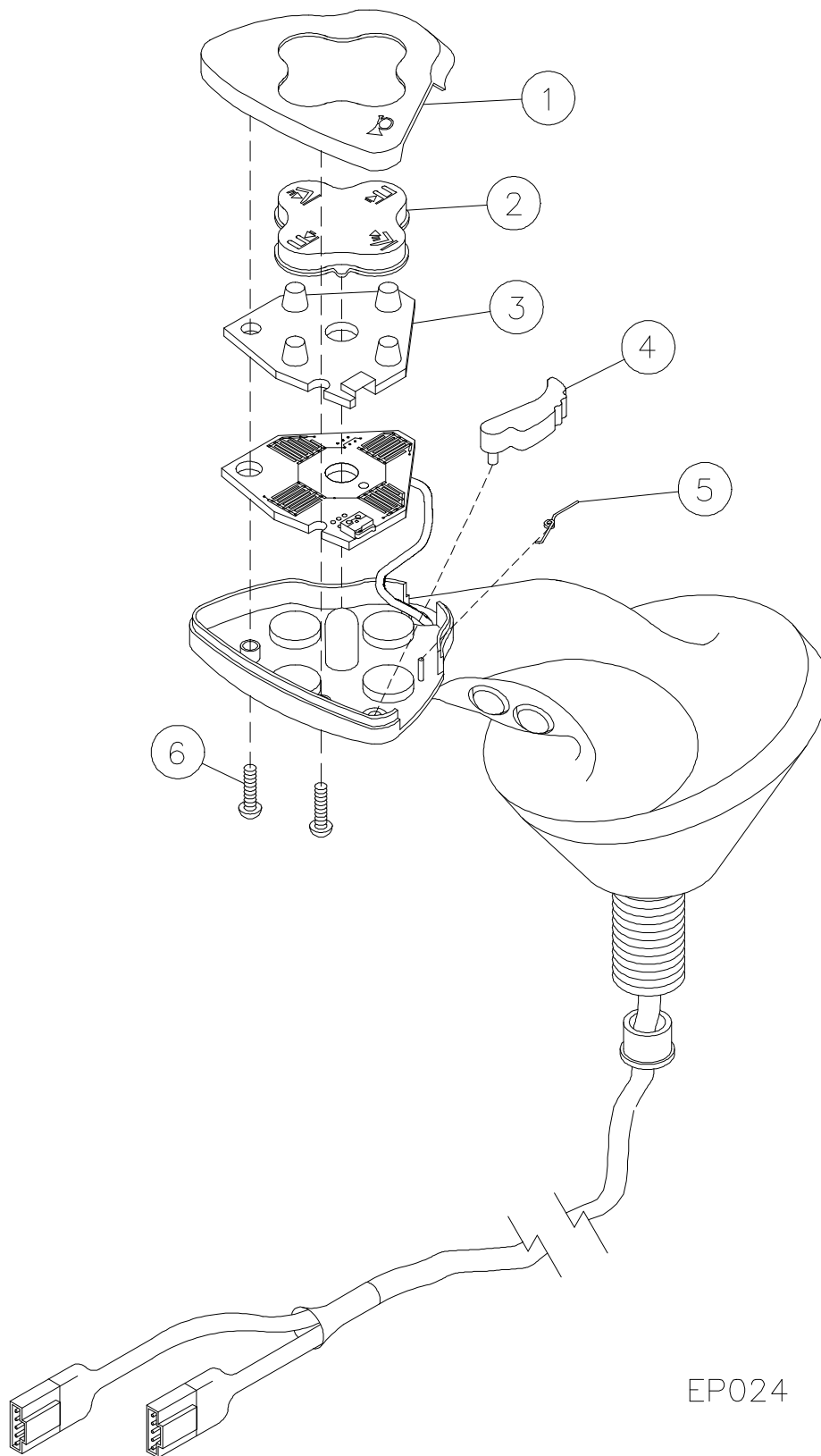
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10250-71	Battery Disconnect Lever	1	
	00593-10690-71	Battery Disconnect Handle Assembly	1	Includes 1, 2, 3
2	00593-11480-71	Emergency Knob - Red	1	
3	00593-10369-71	Bronze Bushing, 1/2" ID x 5/8" OD	1	
4	00593-10070-71	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 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 Screw, 1/4-20 x 3/4"	2	
12	00593-10212-71	Machine Screw, 1/4-20 x 2 1/4"	1	Included in Operating
13	00593-10114-71	Lock Nut, 1/4-20	1	Manual Box
14	00593-10183-71	Battery Connector - Gray	1	



TOYOTA Electric Stand Up*Control Handle & Mechanism Assembly*

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10651-71	Boot	1	
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	00593-10521-71	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	Harness, Control Handle - Sys Cont.	1	
	00593-10665-71	Control Handle & Mechanism Assembly without Aux Switches		



EP024

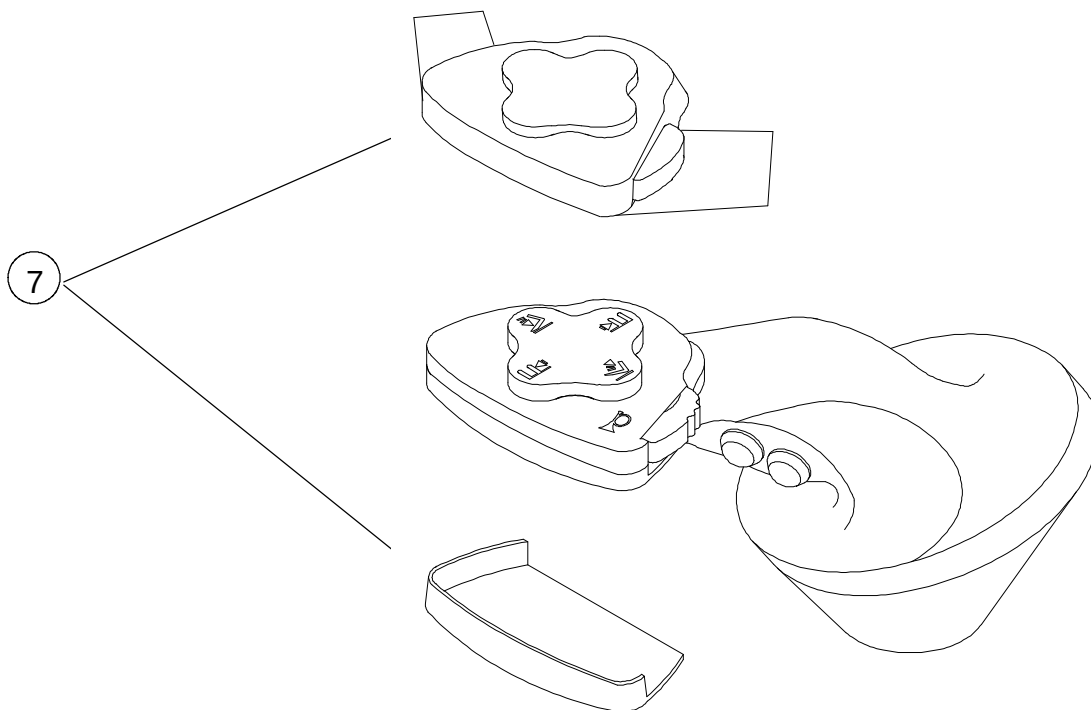
TOYOTA Electric Stand Up

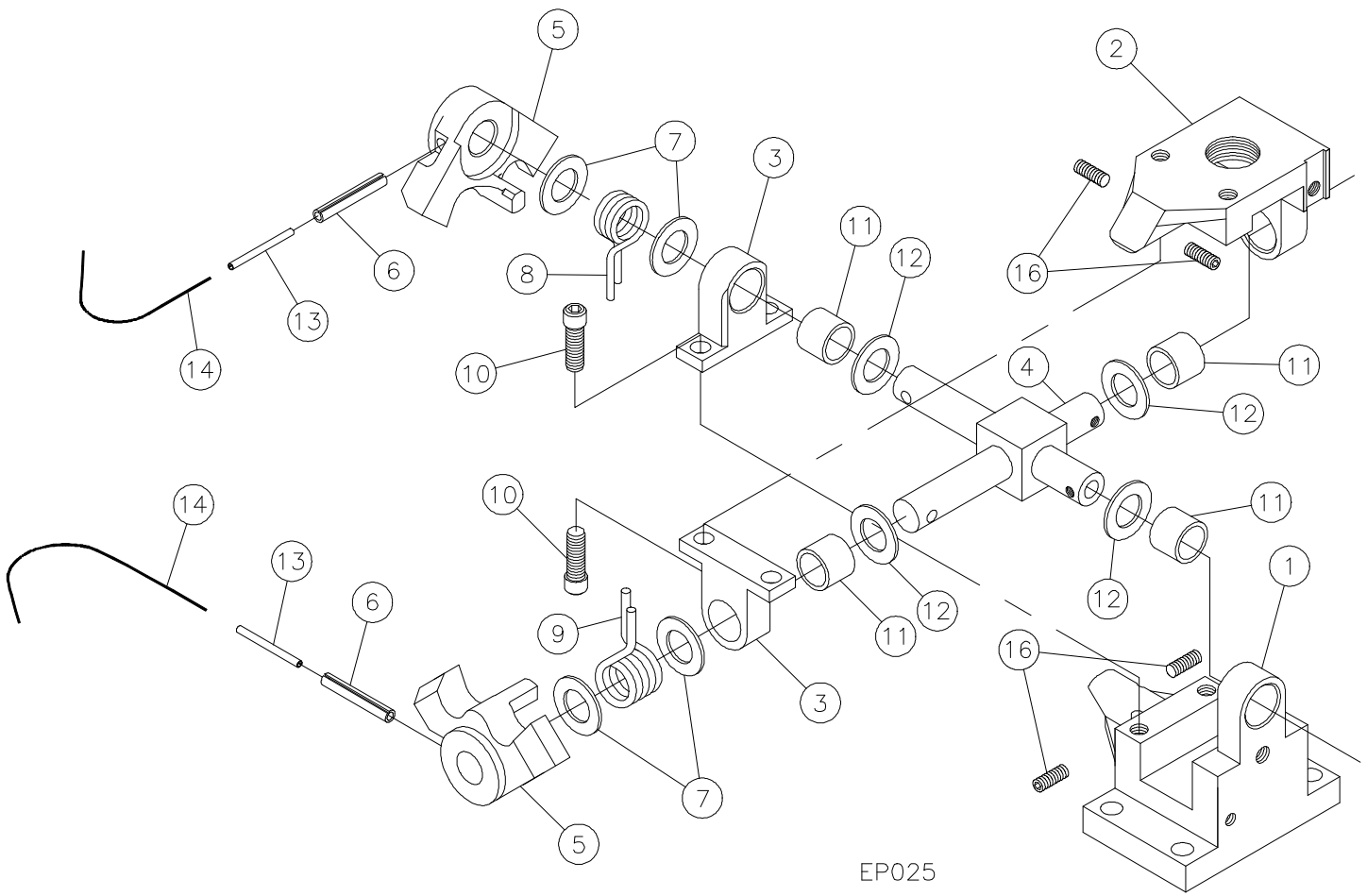
Control Handle Replacement

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
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"	2	
7	00593-10339-71	Dust and Moisture Boot	1	See Illustration below

00593-10668-71 Control Handle Replacement without Aux
switches

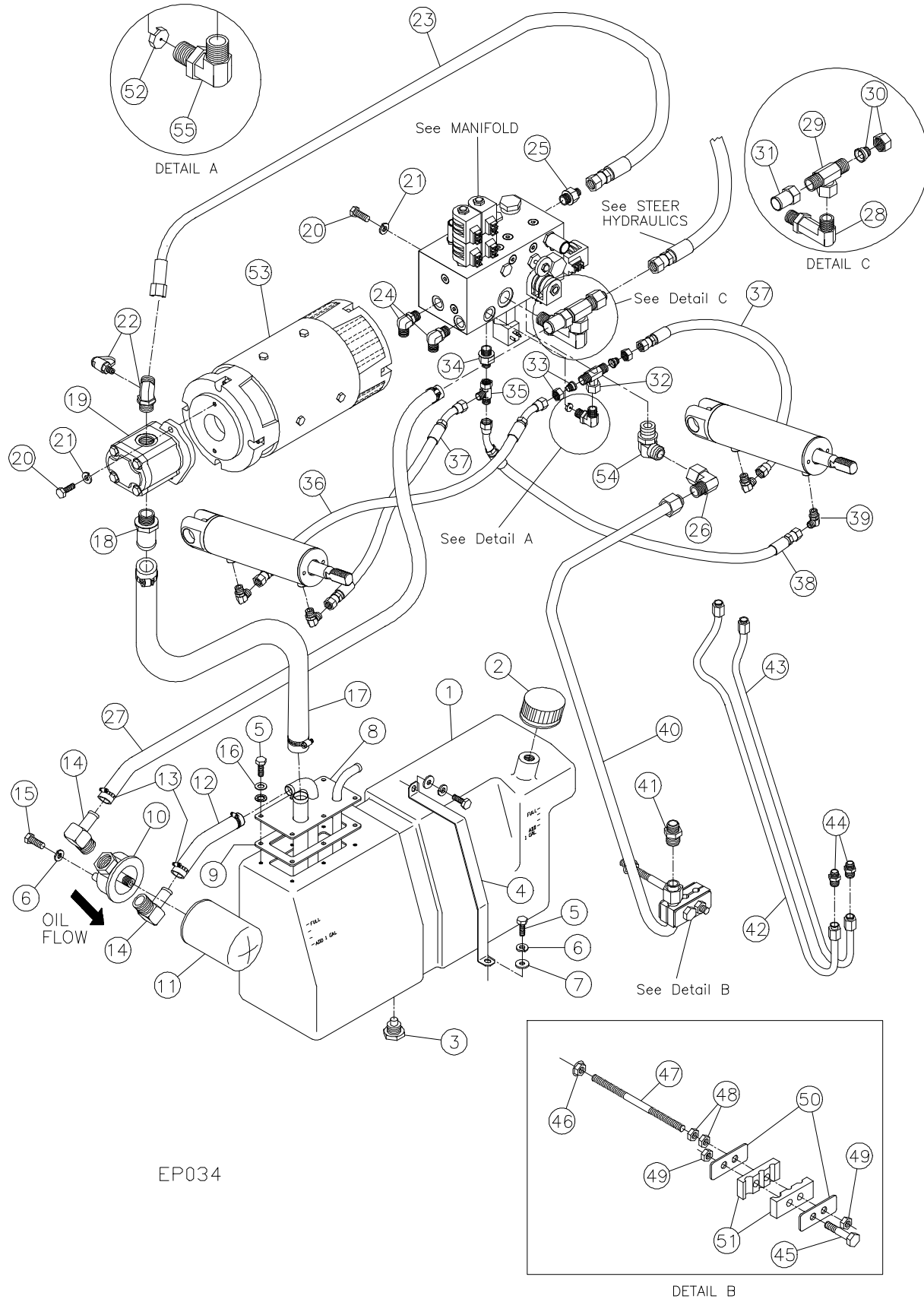




TOYOTA Electric Stand Up*Dual Axle Mechanism Assembly*

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
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	00593-11896-71	Torsion Spring, Extra Heavy (Red)	1	
9	00593-11895-71	Torsion Spring, Heavy (Green)	1	
10	00593-10066-71	Socket Head Screw, 1/4-20 x 3/4"	4	
11	00593-10353-71	Journal Bearing	4	
12	00593-10520-71	Stainless Flat Washer, 1/2" ID x 7/8" OD	4	
13	00593-11487-71	Roll Pin, 5/32" x 3/4"	2	
14	00593-11488-71	Safety Wire	8 in.	
15	00593-10346-71	Control Handle Spring Kit	1	Includes 6, 8, 9, 13, 14
16	00593-11795-71	Set Screw, #8-32 x 1/2" with nylon strip	4	
	00593-10666-71	Dual-Axle Mechanism Assembly		



TOYOTA Electric Stand Up

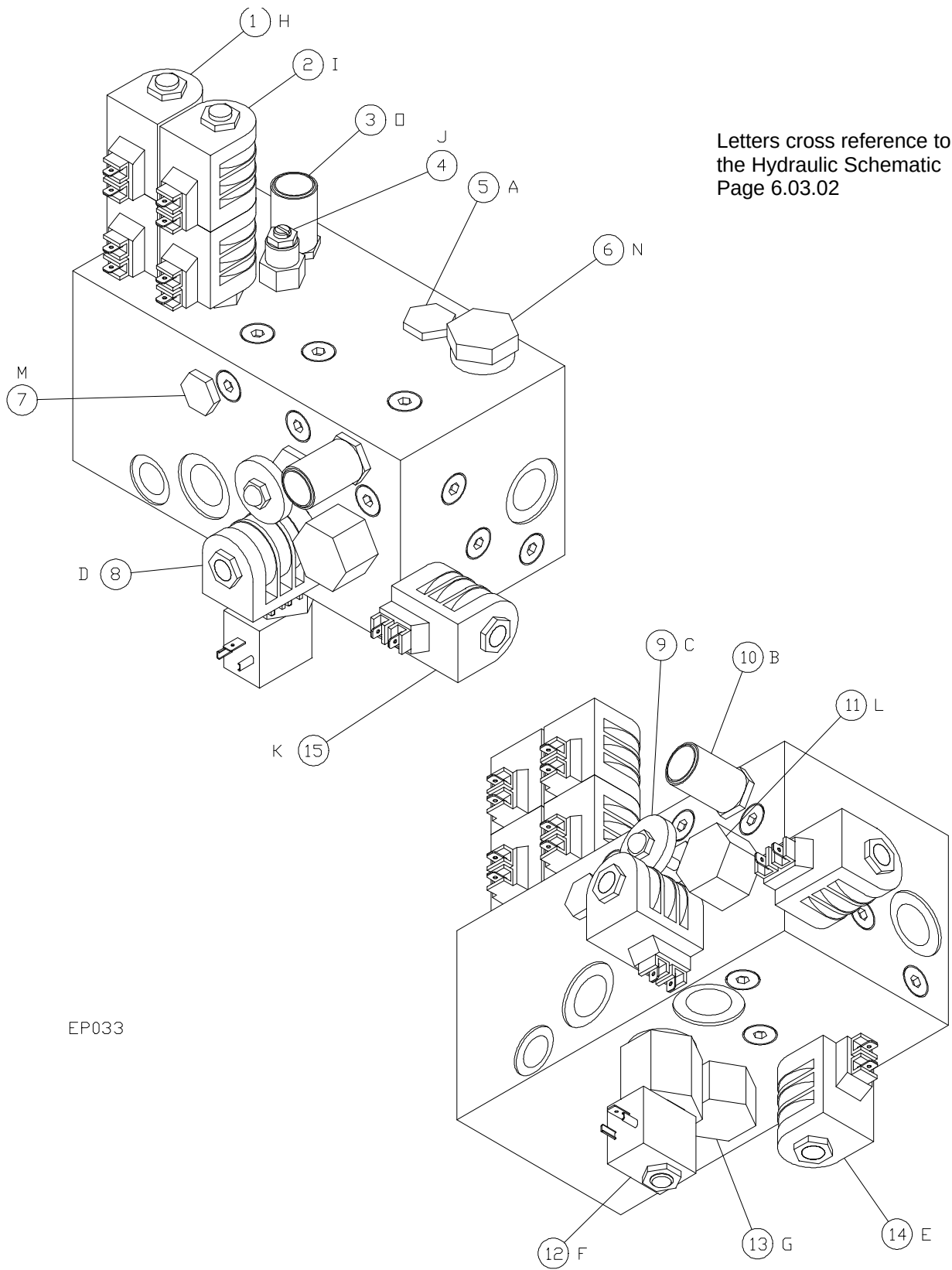
Chassis Hydraulic Assembly

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
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	1	
2	00593-10556-71	Breather Cap	1	
3	00593-10017-71	Drain Plug, Magnetic	1	
4	00593-10253-71	Mount Strap	1	
5	00593-10113-71	Hex Screw, 1.4-20 x 1/2"	8	
6	00593-10043-71	Lock Washer, 1/4"	4	
7	00593-10042-71	Flat Washer, 1/4"	2	
8	00593-11914-71	Tube Assembly	1	
9	00593-10642-71	Gasket	1	
10	00593-10558-71	Filter Assembly	1	Includes Item 11
11	00593-10559-71	Filter	1	
12	00593-11267-71	Push-on Hose, #12, Filter - Tank	1	
13	00593-10072-71	Hose Clamp	6	
14	00593-10562-71	Hose Fitting, 90°	2	
15	00593-10105-71	Hex Screw, 1/4-20 x 3/4"	2	
16	00593-10487-71	Interlocking Fasteners, 1/4"	12	
17	00593-11908-71	Suction Hose, #16, Tank - Pump	1	
18	00593-11803-71	Hose Adapter, #12 - #16	1	
19	00593-11808-71	Lift Pump, 16cc	1	
20	00593-10094-71	Hex Screw, 3/8-24 x 1 1/4"	6	
21	00593-10055-71	Lock Washer, 3/8"	6	
22	00593-11802-71	Special Adapter, #10 x 45°	1	
	00593-10181-71	Pressure Check Port	1	
23	00593-11947-71	Hose, #8, Pump - Manifold	1	
24	00593-10035-71	Adapter, #8 x 90°	2	For trucks with ss/aux
	00593-11743-71	Plug, #8	2	For trucks without ss/aux
25	00593-10234-71	Adapter, #12-#10	1	
26	00593-10154-71	Adapter, #10-#12, Swivel Nut 90°	1	
27	00593-11948-71	Hose, Manifold - Filter	1	
28	00593-10552-71	Adapter, #12 Long 90°	1	
29	00593-10241-71	Swivel Nut Branch Tee, #12	1	
30	00593-10018-71	Reducer, #12-#8	1	
	00593-11738-71	Nut, #12	1	
31	00593-11801-71	Push-on Hose Adapter, #12	1	
32	00593-11949-71	Swivel Nut Branch Tee, #8	1	
33	00593-11745-71	Reducer, #8-#4	2	
	00593-11739-71	Nut, #8	2	
34	00593-11737-71	Adapter, #8-#4	1	
35	00593-11809-71	Swivel Run Tee, #4	1	
36	00593-11905-71	Hose, Right & Left Tilt Rear Port	1	
37	00593-11906-71	Hose, Right Tilt Front Port	2	
38	00593-11907-71	Hose, Left Tilt Front Port	1	
39	00593-11741-71	Adapter, #4 x 90°	4	
40	00593-11950-71	Lift Tube, Manifold - Mast	1	
41	00593-10551-71	Adapter Union, #10-#12	1	
42	00593-11912-71	Sideshift Right Tube	1	
43	00593-11913-71	Sideshift Left Tube	1	
44	00593-10129-71	Adapter Union, #8-#6	2	
45	00593-11747-71	Hex Screw, 1/2-13 x 2 1/2"	1	
46	00593-10065-71	Flange Lock Nut, 1/2-13	1	
47	00593-10285-71	Clamp Rod	1	

TOYOTA Electric Stand Up*Chassis Hydraulic Assembly*

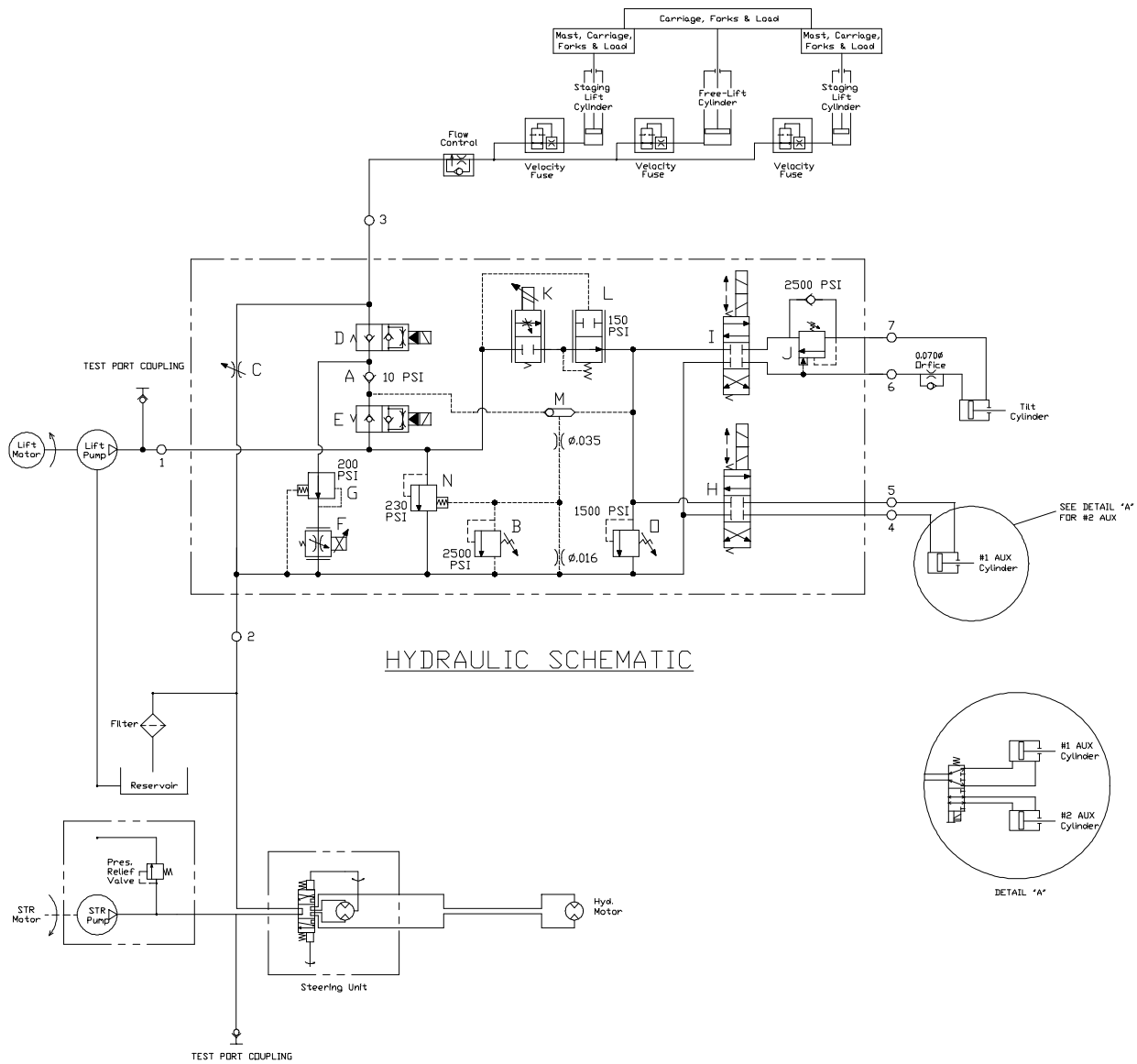
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
48	00593-10064-71	Hex Jam Nut, 1/2-13	2	
49	00593-10480-71	Nylon Lock Nut, 1/2-13	2	
50	00593-10284-71	Clamp Plate	2	
51	00593-10283-71	Clamp	2	
52	00593-11951-71	1-Way Restrictor, 0.070"	1	
53	00593-10382-71	Lift Pump Motor, 6.7"	1	
	00593-11779-71	Brush & Spring Kit for Lift Pump Motor	1	
54	00593-10020-71	Adapter, #12 90°	1	
55	00593-10035-71	Adapter, #8 90°	1	



TOYOTA Electric Stand Up*Simultaneous Function Manifold*

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	7940056	4-Way 3-Position Spool Valve (Sideshift)	1	
	7940057	Coil	2	
2	7940056	4-Way 3-Position Spool Valve (Tilt)	1	
	7940057	Coil	2	
3	7940077	Relief Valve (Tilt/Sideshift)	1	
4	7940080	Counterbalance Valve	1	
5	7940074	Check Valve	1	
6	7940082	Pressure Compensated Flow Regulator	1	
7	7940081	Shuttle Valve	1	
8	7940076	Normally Closed Poppet Valve (Lower)	1	
	7940057	Coil	1	
9	7940061	Needle Valve	1	
10	7940075	Relief Valve (Lift)	1	
11	7940079	Pressure Compensated Flow Restrictor	1	
12	7940063	Proportional Valve (Lift/Lower)	1	
13	7940064	Flow Regulator	1	
14	7940076	Normally Closed Poppet Valve (Lift)	1	
	7940057	Coil	1	
15	7940078	Proportional Valve (Tilt/Sideshift)	1	
	7940057	Coil	1	



TOYOTA *Electric Stand Up*

Hydraulic Schematic

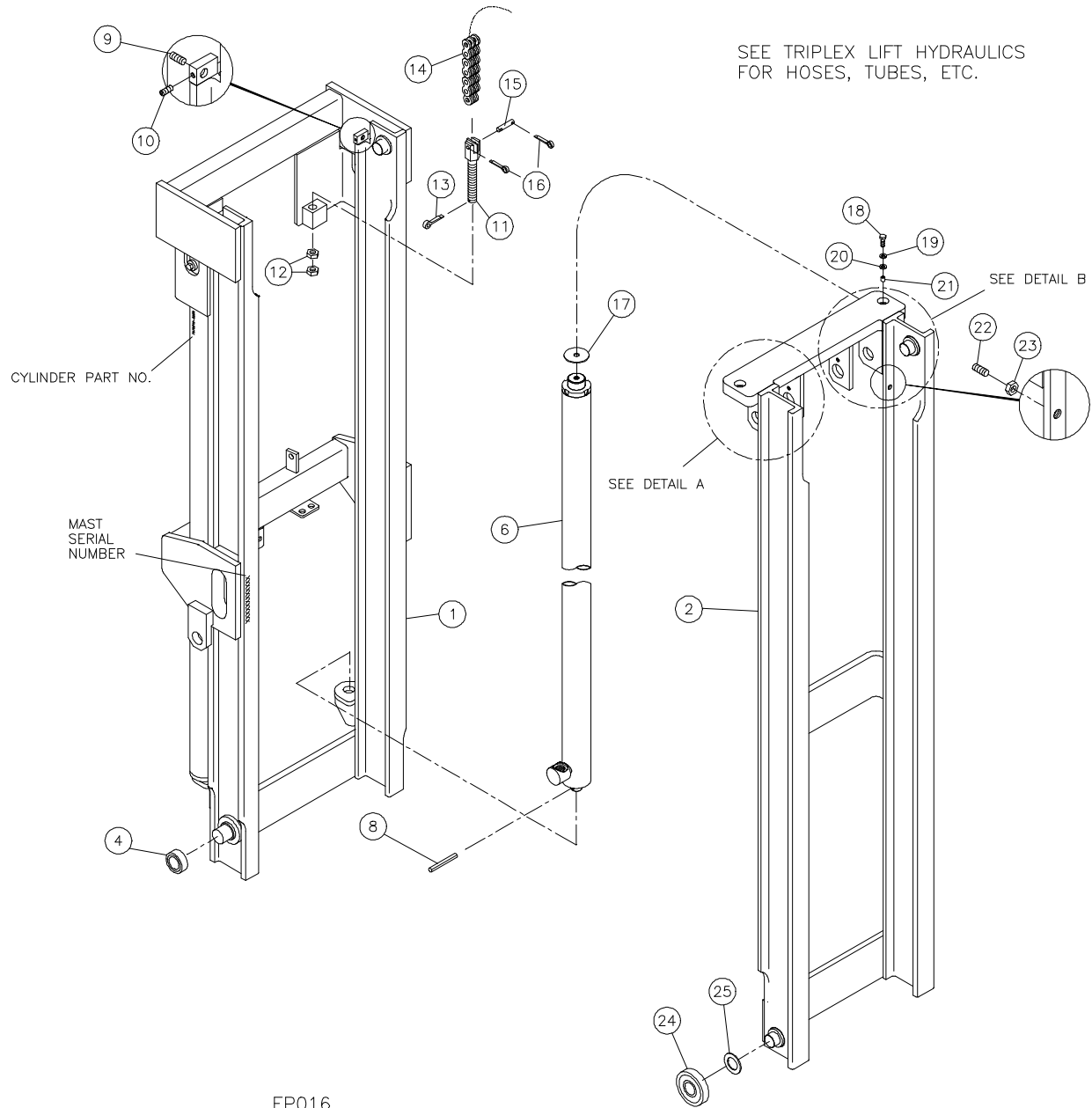
THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

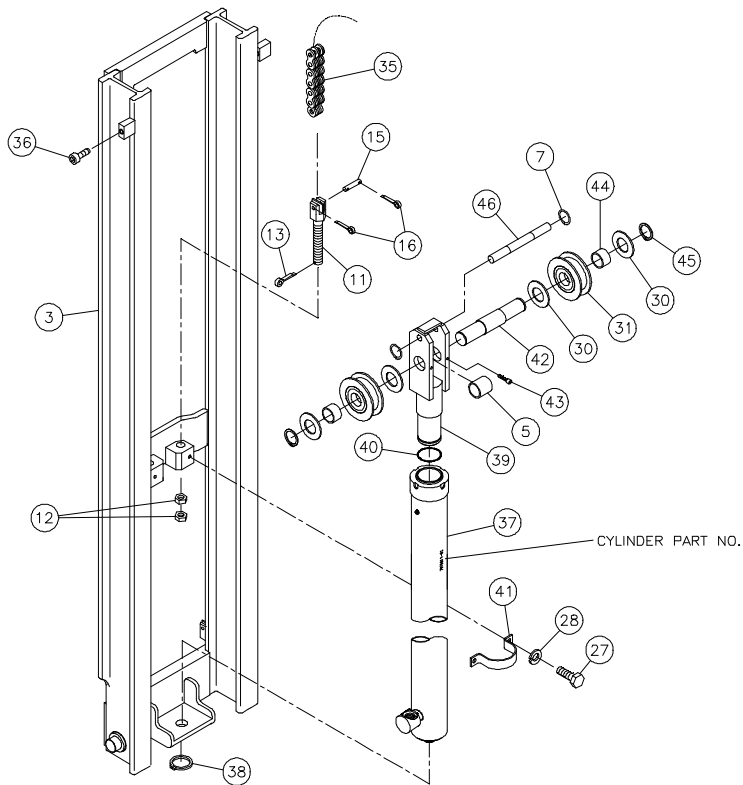
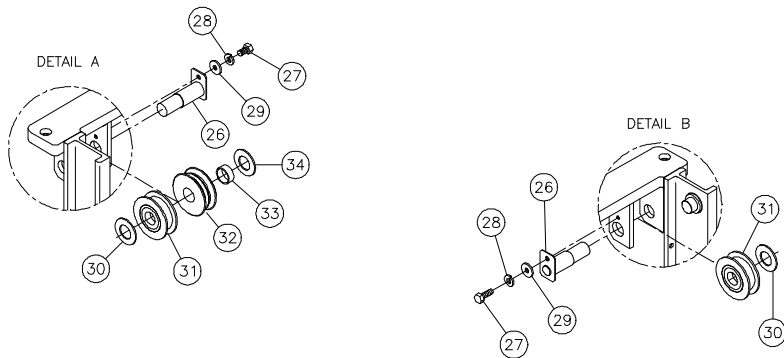
A = Check Valve
B = Lift Relief Valve
C = Manual Lowering Valve
D = Lower Valve
E = Lift Valve
F = Lift/Lower Proportional Valve
G = Flow Regulator
H = Sideshift Valve
I = Tilt Valve
J = Counterbalance Valve
K = Auxiliary Proportional Valve
L = Flow Regulator
M = Shuttle Valve
N = Pressure Compensated Flow Regulator
O = Auxiliary Relief Valve

See Manifold Page 6.02.02 for physical locations of the above parts.

TOYOTA Electric Stand Up

FSV Mast Assembly





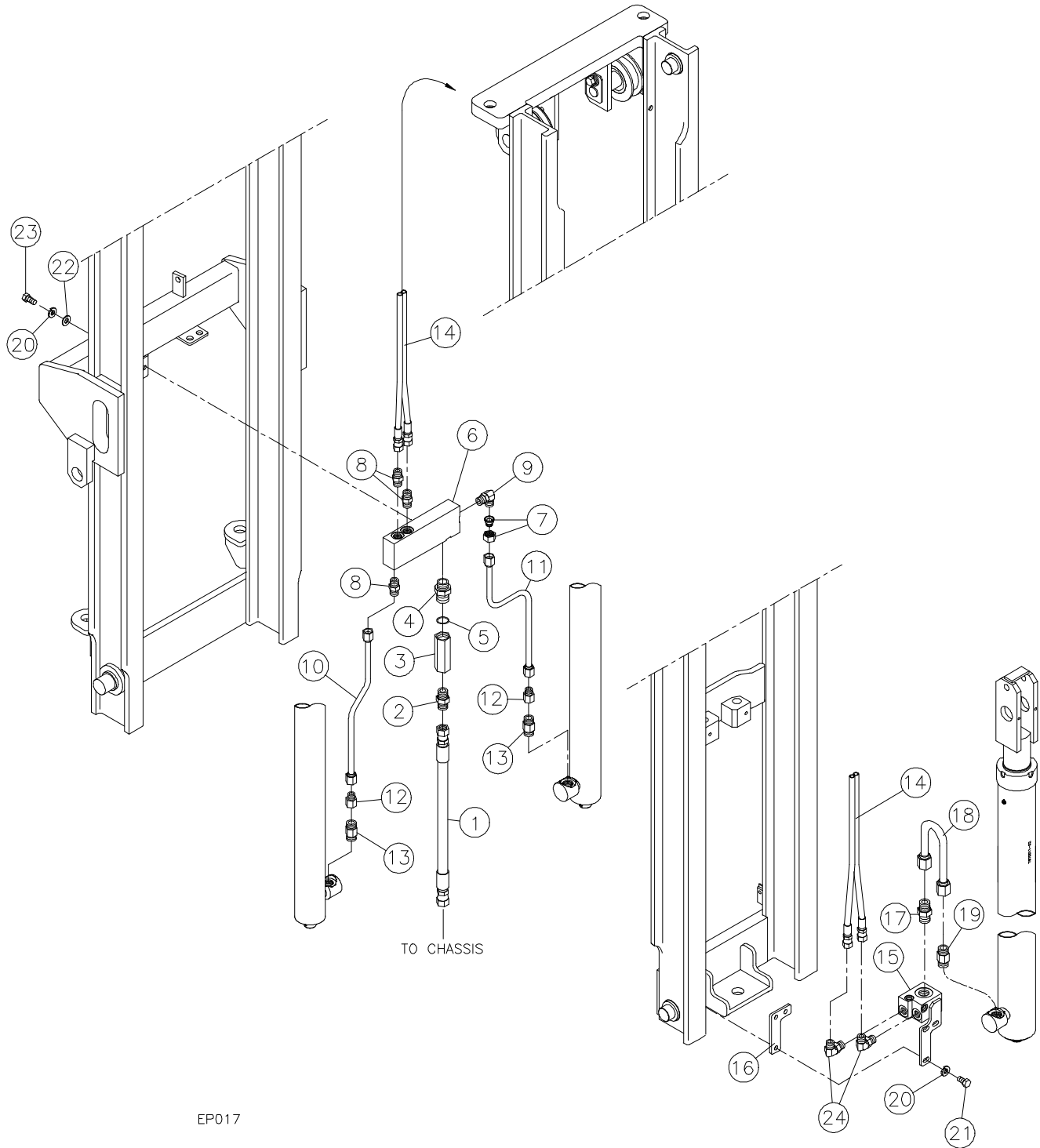
TOYOTA Electric Stand Up**FSV Mast Assembly**

THIS PAGE APPLIES TO
 MODELS 6BNCUE15, 6BNCUE18
 ALL SERIAL NUMBERS

ITEM	PART NO.	DESCRIPTION	QTY	COMMENTS
1	00593-11922-71	Outer Rail 83/189.5	1	
	00593-11923-71	Outer Rail 89/205.5	1	
2	00593-11924-71	Middle Rail 83/189.5	1	
	00593-11925-71	Middle Rail 89/205.5	1	
3	00593-11926-71	Inner Rail 83/189.5	1	
	00593-11927-71	Inner Rail 89/205.5	1	
4	00593-10367-71	Spherical Bearing	2	
5	00593-10774-71	Sheave Spacer	1	
6	00593-11345-71	Outer Cylinder 83/189.5	2	
	00593-11348-71	Outer Cylinder 89/205.5	2	
	00593-10635-71	Seal Kit		
	00593-10593-71	Gland		
7	00593-10079-71	Snap Ring, 5/8"	2	
8	00593-10162-71	Spiral Roll Pin, 1/4" x 2"	2	
9	00593-10490-71	Brass Set Screw, 1/4-20 x 3/4"	2	
10	00593-10491-71	Set Screw w/ Nylon, 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 1½"	4	
14	00593-10862-71	Outer Chain, 83/189.5	2	
	00593-10866-71	Outer Chain, 89/205.5	2	
15	00593-10238-71	Connector Pin	8	
16	00593-10099-71	Cotter Pin, 3/32" x 3/4"	16	
17	00593-11871-71	Shim, 0.060"		As required
	00593-11872-71	Shim, 0.105"		As Required
18	00593-10060-71	Hex Screw, 1/2-13 x 1¾"	2	
19	00593-10063-71	Lock Washer, 1/2"	2	
20	00593-10206-71	Flat Washer, 1/2" x 1-1/16"	2	
21	00593-10849-71	Spacer Sleeve	2	
22	00593-10493-71	Brass Set Screw, 1/2-13 x 1½"	2	
23	00593-10064-71	Hex Jam Nut, 1/2-13	2	
24	00593-10216-71	Mast Bearing	8	
25	00593-11869-71	Shim, 0.010"		As Required
	00593-11870-71	Shim, 0.032"		As Required
26	00593-10830-71	Sheave Pin	2	
27	00593-10134-71	Hex 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 18Ga.		As Required
31	00593-10843-71	Chain Sheave	2	
32	00593-10835-71	Hose Sheave	1	
33	00593-10775-71	Spacer	1	
34	00593-10124-71	Machine Bushing, 1½" x 14Ga.		As Required
35	00593-10863-71	Inner Chain 83/189.5	2	
	00593-10867-71	Inner Chain 89/205.5	2	
36	00593-10151-71	Socket Head Screw, 1/2-13 x 1"	2	
37	00593-11331-71	Center Cylinder 83/189.5	1	
	00593-11332-71	Center Cylinder 89/205.5	1	
	00593-10637-71	Seal Kit		
	00593-10592-71	Gland		

TOYOTA Electric Stand Up*FSV Mast Assembly*

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
38	00593-10078-71	Heavy Duty Snap Ring, 1-1/8"	1	
39	00593-10589-71	Center Cylinder Clevis	1	
40	00593-10624-71	O-Ring	1	
41	00593-10892-71	Cylinder Strap	1	
42	00593-10829-71	Center Cylinder Sheave Pin	1	
43	00593-10066-71	Socket Head Screw, 1/4-20 x 3/4"	2	
44	00593-11874-71	Sheave Spacer	2	
45	00593-10080-71	Snap Ring, 1-3/8"	2	
46	00593-10841-71	Chain/Hose Safety Guide	1	

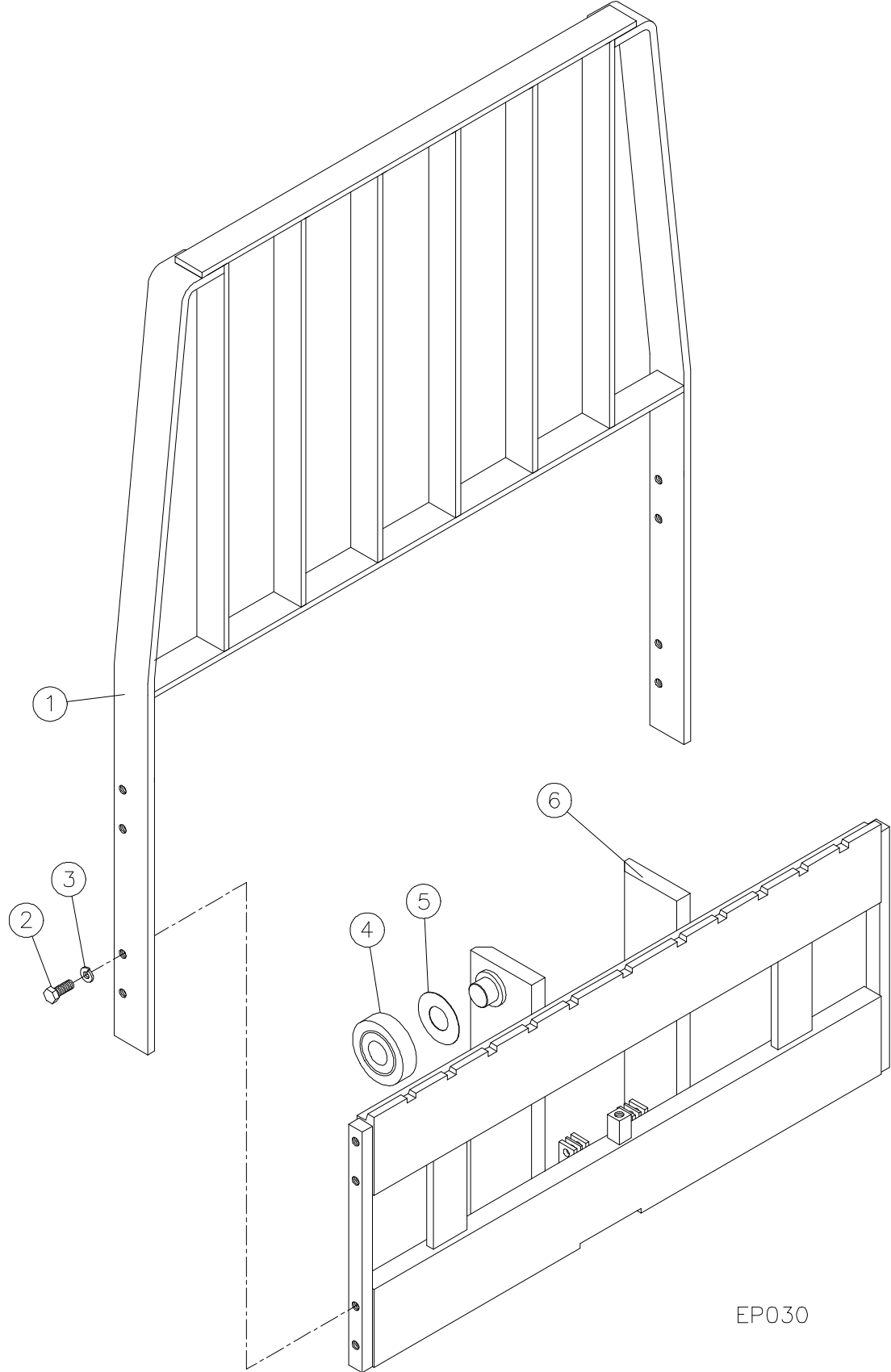


EP017

TOYOTA Electric Stand Up*FSV Mast Lift Hydraulics*

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	- - -	See Mast Installation		
2	00593-10006-71	Adapter, #10-#10	1	
3	00593-10578-71	Lowering Control Valve	1	
4	00593-10234-71	Adapter, #10-#12	1	
5	00593-10010-71	O-Ring, #10	1	
6	00593-11873-71	Lift Hydraulic Distributor Block	1	
7	00593-10018-71	Reducer, #12-#8	1	
	00593-11738-71	Nut, #12	1	
8	00593-10120-71	Adapter, #8-#8	3	
9	00593-10020-71	90° Elbow, #12-#12	1	
10	00593-11910-71	Right Cylinder Tube	1	
11	00593-11911-71	Left Cylinder Tube	1	
12	00593-10177-71	Reducer, #10 x #8	2	
13	00593-10200-71	Flow Fuse (15GPM), #10-#10	2	
14	00593-11133-71	Twin Line Hose Assembly, #6	1	83/189.5
	00593-11156-71	Twin Line Hose Assembly, #6	1	89/205.5
	00593-11603-71	Twin Line Hose Assy, #6 Cold Climate	1	83/189.5
	00593-11604-71	Twin Line Hose Assy, #6 Cold Climate	1	89/205.5
15	00593-10825-71	Distributor Block	1	
16	00593-10823-71	Spacer Plate	1	
17	00593-10008-71	Adapter, #12-#12	1	
18	00593-11273-71	Center Cylinder Tube	1	
19	00593-10549-71	Flow Fuse (25GPM), #12-#12	1	
20	00593-10055-71	Lock Washer, 3/8"	5	
21	00593-11744-71	Hex Screw, 3/8-16 x 1¼"	3	
22	00593-10054-71	Flat Washer, 3/8"	2	
23	00593-10093-71	Hex Screw, 3/8-16 x 1"	2	
24	00593-10035-71	90° Elbow, #8-#8	2	

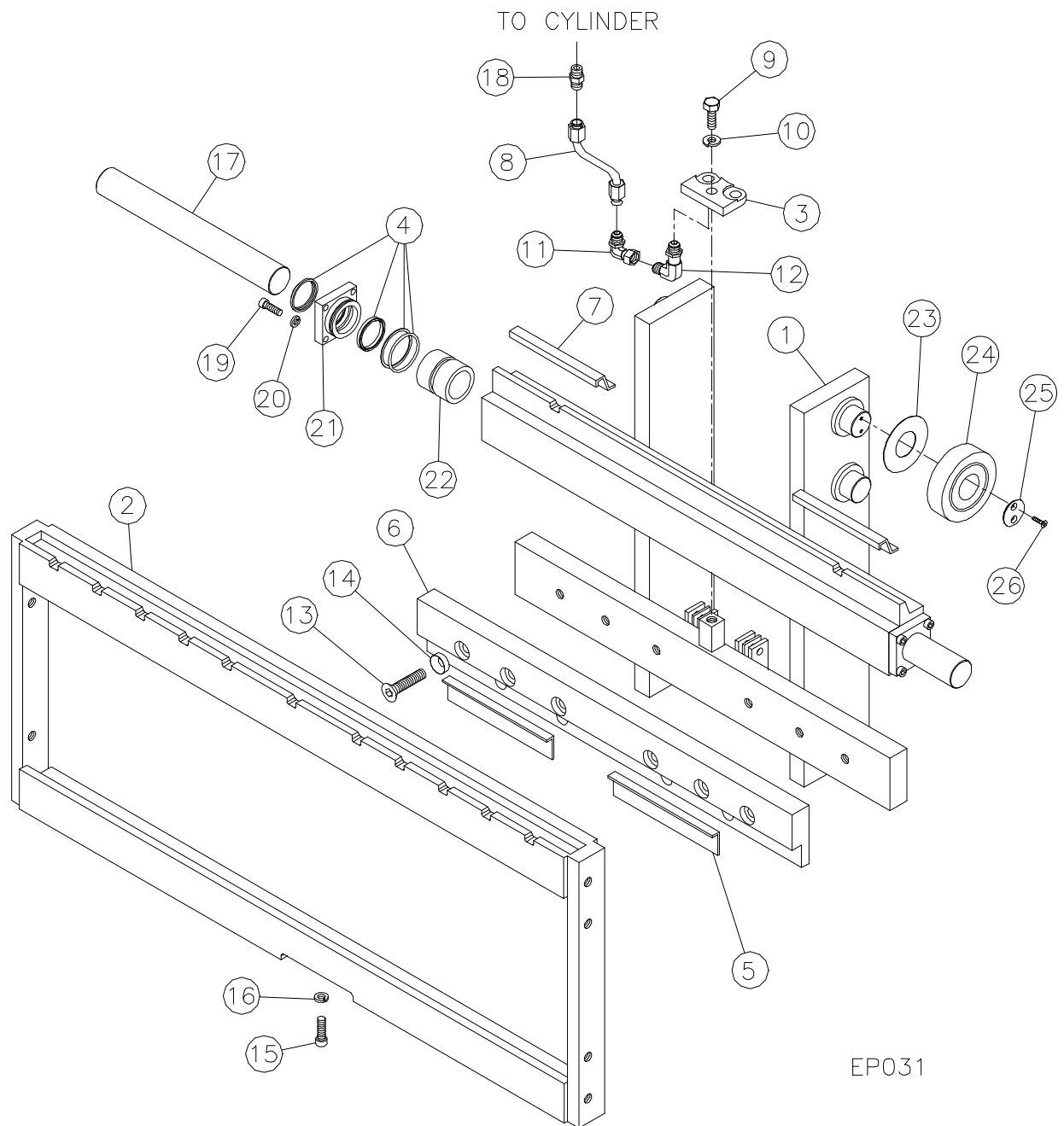


TOYOTA *Electric Stand Up*

Standard Carriage

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10951-71	Load Backrest, 48"	1	
2	00593-10471-71	Hex Screw, 1/2-13 x 1¼" Grade 8	4	
3	00593-10063-71	Lock Washer, 1/2"	4	
4	00593-10216-71	Carriage Bearing	4	
5	00593-11869-71	Shim, 0.010"	A/R	
	00593-11870-71	Shim, 0.032"	A/R	
6	00593-11875-71	FSV Carriage	1	



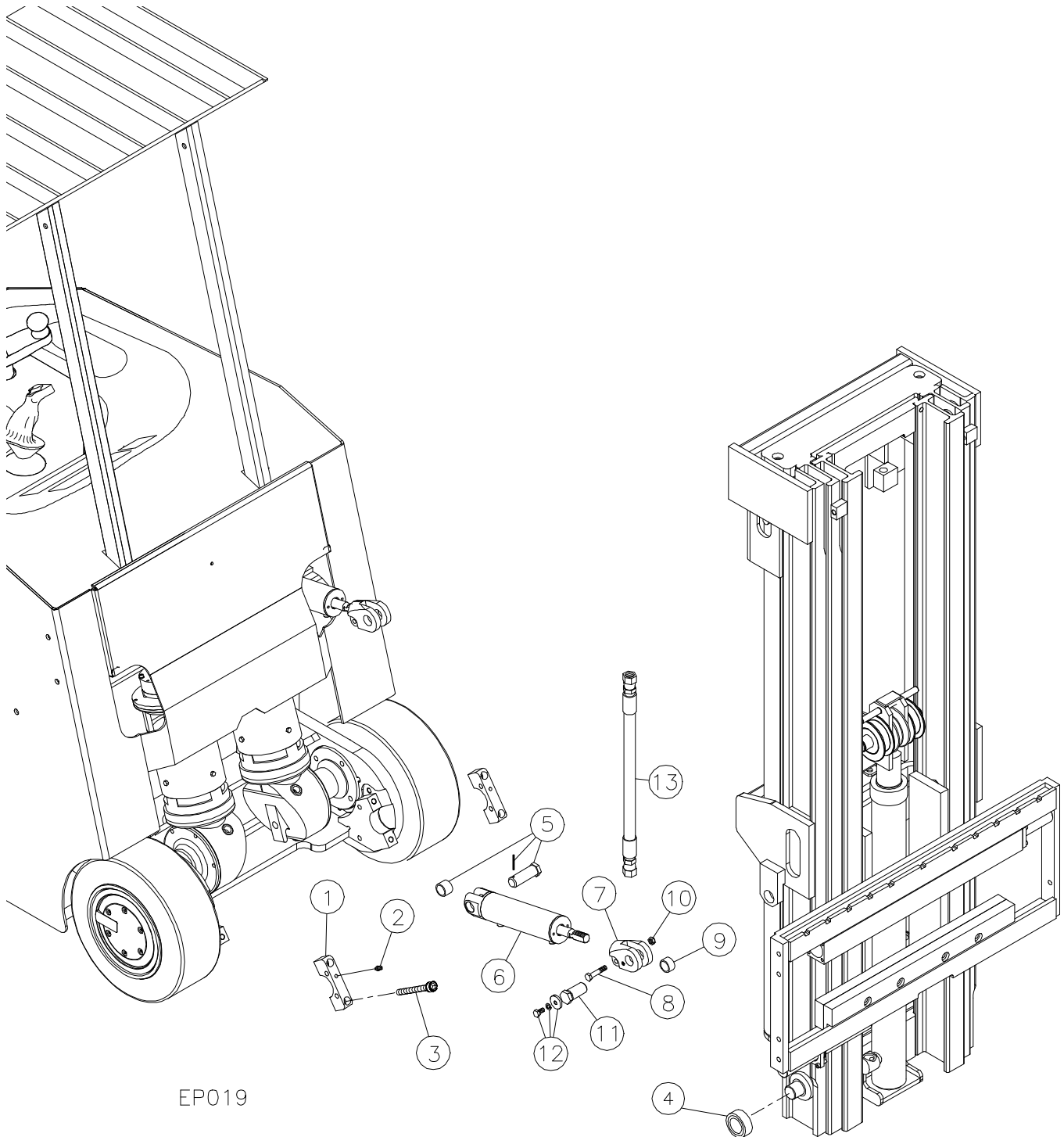
EP031

TOYOTA Electric Stand Up*Integral Sideshifter*

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
	00593-10946-71	Complete Integral Sideshifter Assembly		Does not include 23 - 26
1	Not Sold Sep.	Inner Carriage & Cylinder	1	
2	Not Sold Sep.	Front Carriage	1	
3	00593-10313-71	Hose Bracket	1	
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	
9	00593-10107-71	Hex Cap Screw, 1/2-13 x 1-1/4"	1	
10	00593-10063-71	Lock Washer (Split Type), 1/2"	1	
11	00593-10125-71	90° Swivel Elbow, #6	2	
12	00593-10205-71	90° Bulkhead Elbow, #6	2	
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	00593-11869-71	Shim, 0.010" Thick	A/R	
	00593-11870-71	Shim, 0.032" Thick	A/R	
24	00593-10216-71	Carriage Bearing	6	
25	00593-10660-71	Retainer Washer	2	
26	00593-10218-71	Socket Flat Head Screw, #10-24 x 3/4"	4	

See Standard Carriage for load backrest part number.



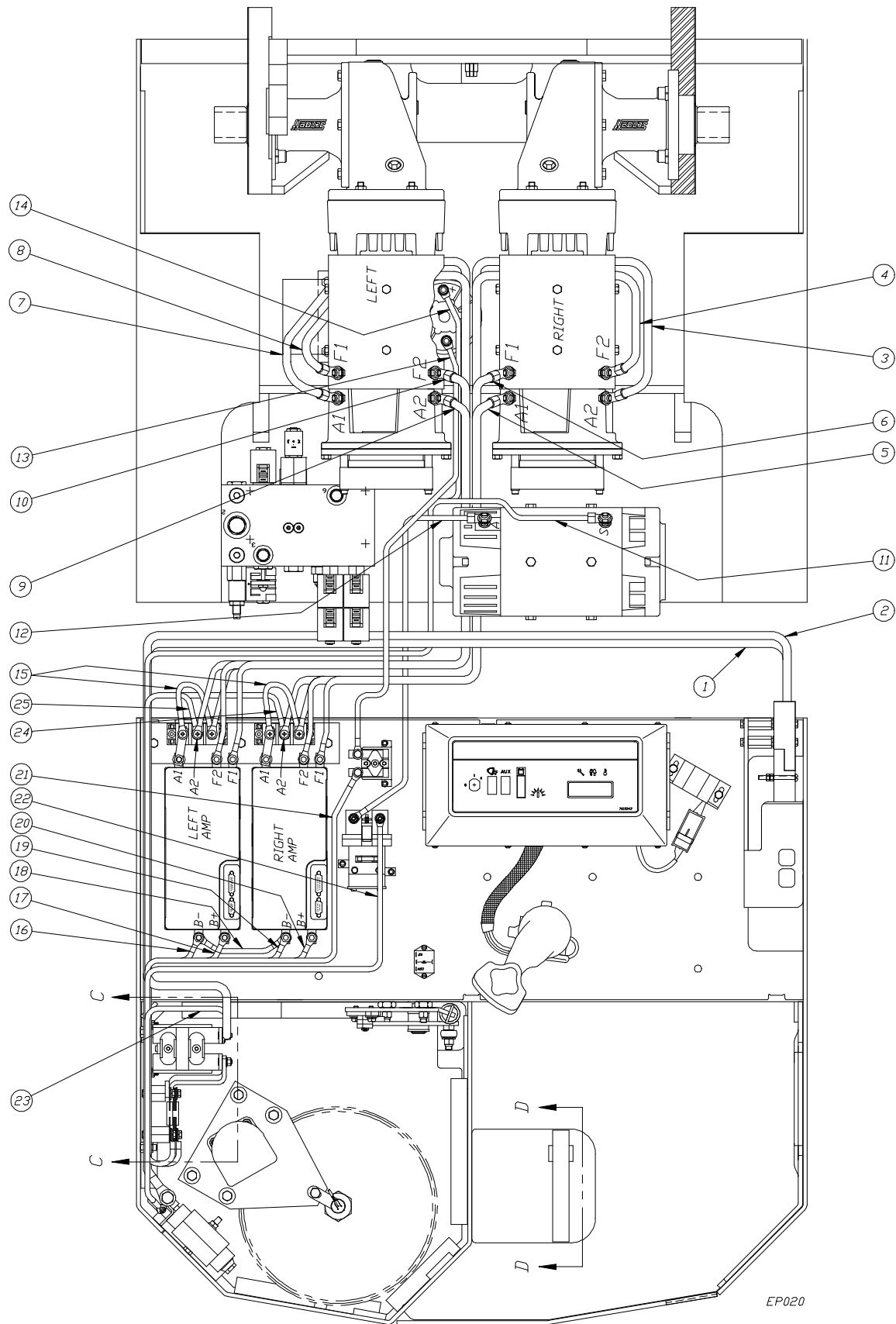
EP019

TOYOTA Electric Stand Up

Mast Installation

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10254-71	Mast Mount Cap	2	
2	00593-10074-71	Grease Zerk, 1/8"	2	
3	00593-10149-71	Socket Head Cap Screw, 1/2-13 x 1 3/4"	4	
4	See Mast Assy	Mast Mount Bearing	2	
5	00593-11815-71	Cylinder Pin	2	
	00593-11773-71	Rear Bushing	2	
	00593-10076-71	Cotter Pin, 1/8" x 1 1/2"	2	
6	00593-11917-71	Tilt Cylinder for 5°/3° FSV Mast	2	
	00593-11918-71	Tilt Cylinder for 5°/10° FSV Mast	2	
7	00593-11915-71	Rod End, Right Hand	1	
	00593-11916-71	Rod End, Left Hand	1	
8	00593-11792-71	Hex Screw, 7/16-20 x 2 1/2" Grade 8	2	
9	00593-11772-71	Front Bushing	2	
10	00593-10103-71	Nylon Lock Nut, 7/16-20 Grade 5	2	
11	00593-11816-71	Front Cylinder Pin	2	
12	00593-11800-71	Hex Screw, M10-1.5 x 20mm	2	
	00593-11740-71	Lock Washer, 7/16"	2	
	00593-11817-71	Washer	2	
13	00593-11903-71	Hose, Chassis-Mast, #10 x 18"	1	For 5°/3° FSV Mast
	00593-11901-71	Hose, Chassis-Mast, #10 x 19"	1	For 5°/10° FSV Mast

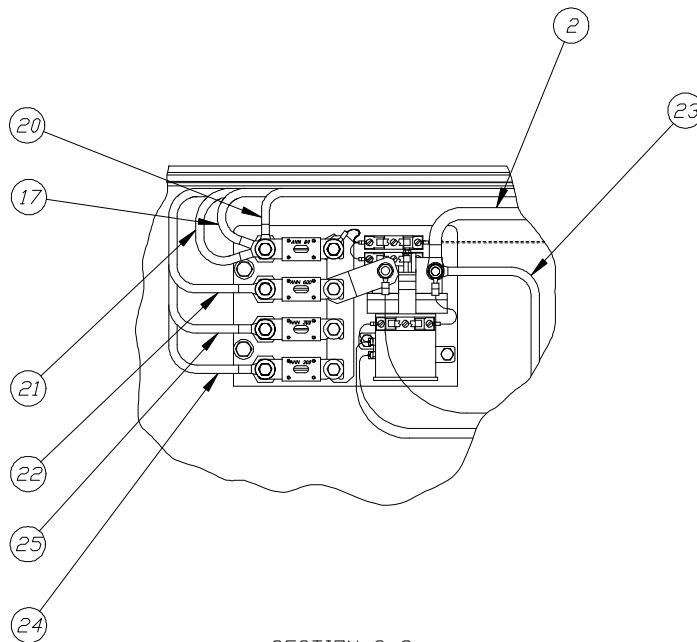


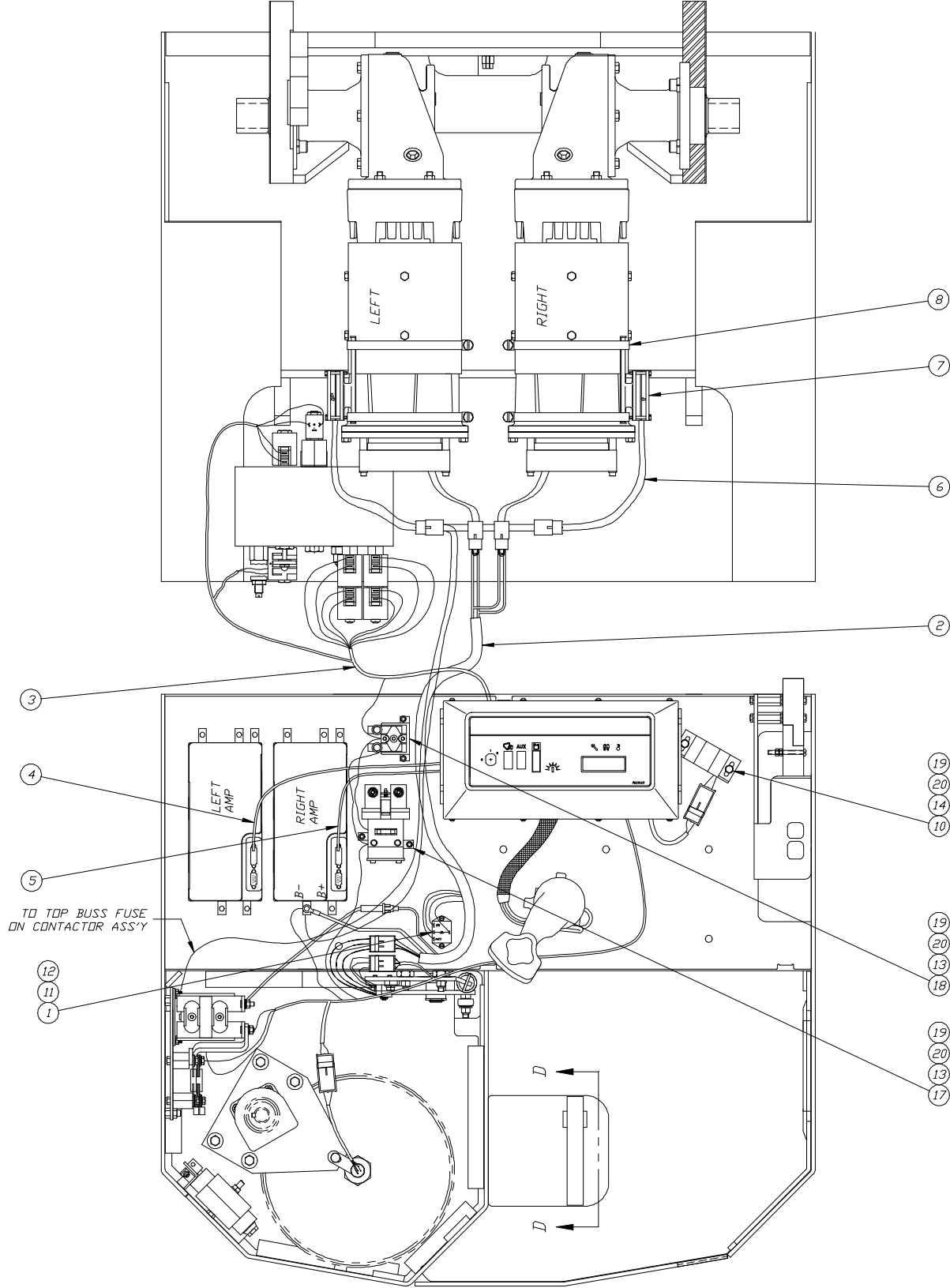
TOYOTA Electric Stand Up

Power Cables

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-11884-71	Cable, Neg Battery Conn to Capacitor B-	1	
2	00593-11006-71	Cable, Pos Battery Conn to MPC In	1	
3	00593-11000-71	Cable, R Motor A2 to R Amp A2	1	
4	00593-11002-71	Cable, R Motor F2 to R Amp F2	1	
5	00593-10999-71	Cable, R Motor A1 to R Amp A1	1	
6	00593-11001-71	Cable, R Motor F1 to R Amp F1	1	
7	00593-10996-71	Cable, L Motor A1 to L Amp A1	1	
8	00593-10997-71	Cable, L Motor F1 to L Amp F1	1	
9	00593-10673-71	Cable, L Motor A2 to L Amp A2	1	
10	00593-10998-71	Cable, L Motor F2 to L Amp F2	1	
11	00593-11893-71	Cable, Lift Motor A to Lift Cont. Out	1	
12	00593-11890-71	Cable, Lift Motor S to Capacitor B-	1	
13	00593-11892-71	Cable, Steer Motor - to Steer Cont Out	1	
14	00593-11891-71	Cable, Steer Motor + to Capacitor B-	1	
15	00593-11005-71	Cable, Diode Jumper	2	
16	00593-11885-71	Cable, L Amp B- to Capacitor B-	1	
17	00593-11882-71	Cable, Fuse to L Amp B+	1	
18	00593-11889-71	Cable, L Amp B- to R Amp B-	1	
19	00593-11886-71	Cable, R Amp B- to Capacitor B-	1	
20	00593-11881-71	Cable, Fuse to R Amp B+	1	
21	00593-11887-71	Cable, Fuse to Steer Contactor In	1	
22	00593-11888-71	Cable, Fuse to Lift Contactor In	1	
23	00593-11883-71	Cable, MPC In to Capacitor B+	1	
24	00593-11879-71	Cable, Fuse to R Amp A2	1	
25	00593-11880-71	Cable, Fuse to L Amp A2	1	



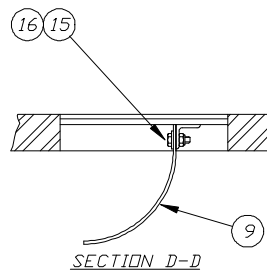


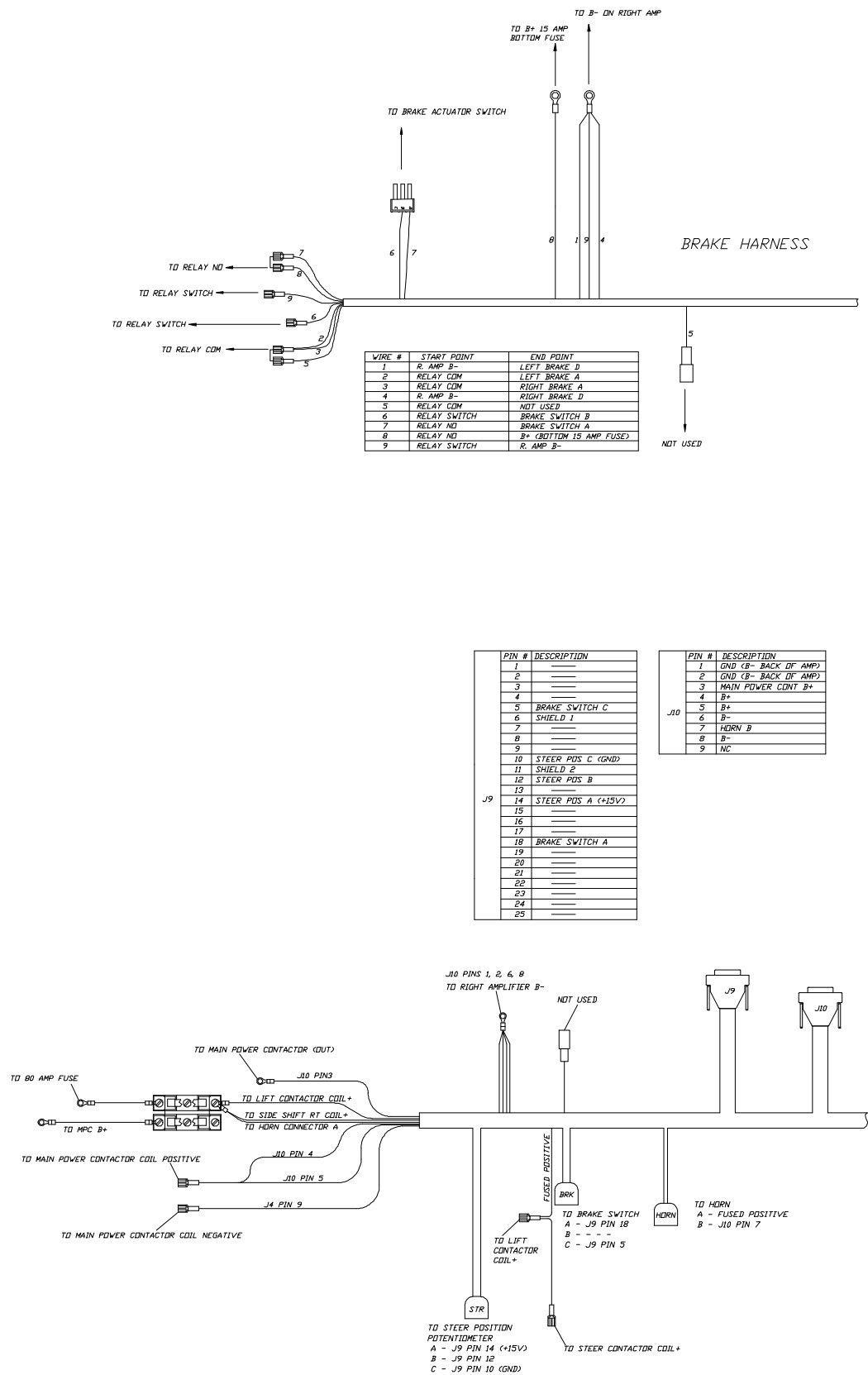
TOYOTA Electric Stand Up

Control Harness Installation

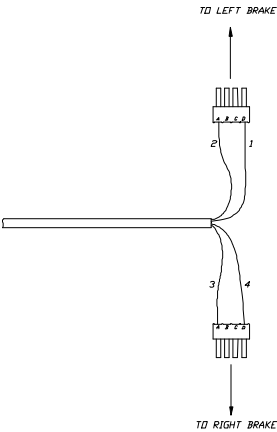
THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-11789-71	Electric Brake Relay	1	
2	00593-11877-71	Brake Wire Harness	1	See Control Harnesses for connections
3	00593-11894-71	Main Wire Harness	1	
4	00593-11028-71	Molded Cable, Left Amp	1	
5	00593-11029-71	Molded Cable, Right Amp	1	
6	00593-11767-71	Traction Motor Fan Harness	1	
7	00593-11766-71	Traction Motor Fan Assembly	2	
8	00593-11805-71	Hose Clamp, 7" Stainless	4	
9	00593-10738-71	Static Strap, 5"	1	
10	00593-11928-71	Horn Assembly	1	
	00593-10271-71	Horn	1	
	00593-11789-71	Horn Relay	1	
11	00593-11756-71	Machine Screw, #10-24 x 5/8"	2	
12	00593-11794-71	External Tooth Lock Washer, #10	2	
13	00593-11790-71	Hex Screw, 1/4-20 x 1/2"	4	
14	00593-10105-71	Hex Screw, 1/4-20 x 3/4"	2	
15	00593-10115-71	Hex Screw, 1/4-20 x 1 1/4"	1	
16	00593-10114-71	Nylon Lock Nut, 1/4-20	1	
17	00593-11784-71	Lift Contactor, 300A	1	
	00593-11786-71	Tip Kit for Lift Contactor	1	
18	00593-11785-71	Steer Contactor, 80A	1	
18	00593-11787-71	Tip Kit for Steer Contactor	1	
19	00593-10042-71	Flat Washer, 1/4"	6	
20	00593-10043-71	Lock Washer, 1/4"	6	



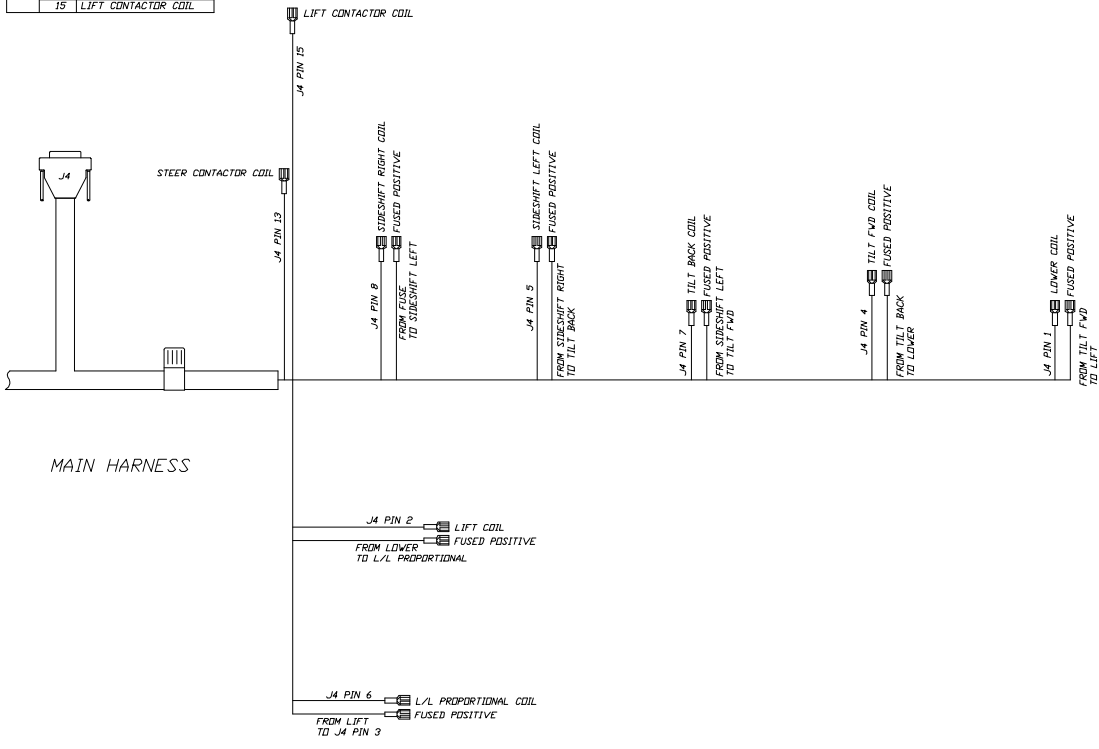


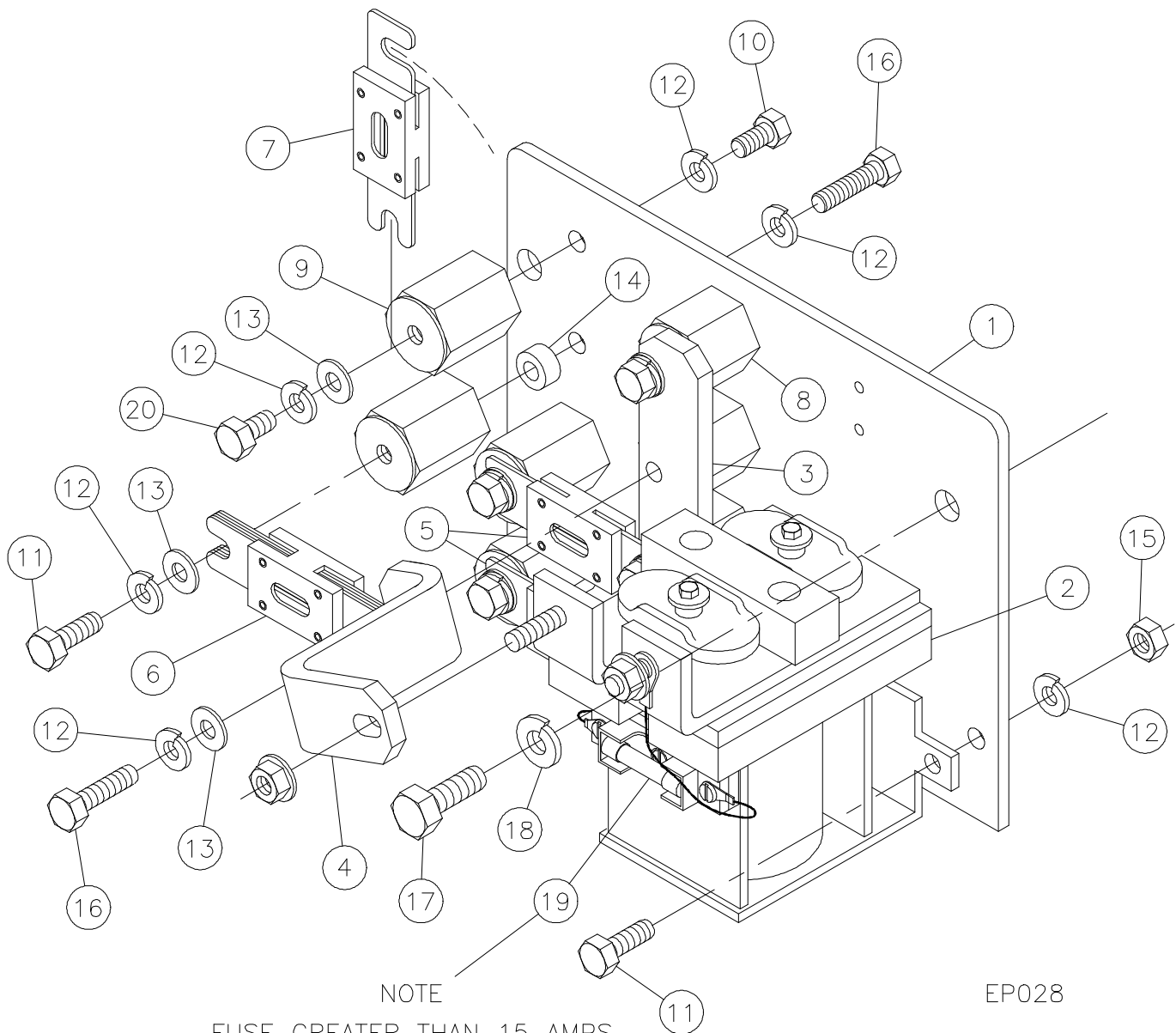
THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS



EP032

PIN #	DESCRIPTION
1	LOWER COIL
2	LIFT COIL
3	FUSED POSITIVE
4	TILT FWD COIL
5	SIDESHIFT LEFT COIL
6	L/L PROPORTIONAL COIL
7	TILT BACK COIL
8	SIDESHIFT RIGHT COIL
9	MAIN POWER CONT COIL
10	
11	
12	
13	STEER CONTACTOR COIL
14	
15	LIFT CONTACTOR COIL





NOTE
FUSE GREATER THAN 15 AMPS
WILL CAUSE DAMAGE TO SYSTEM CONTROLLER.

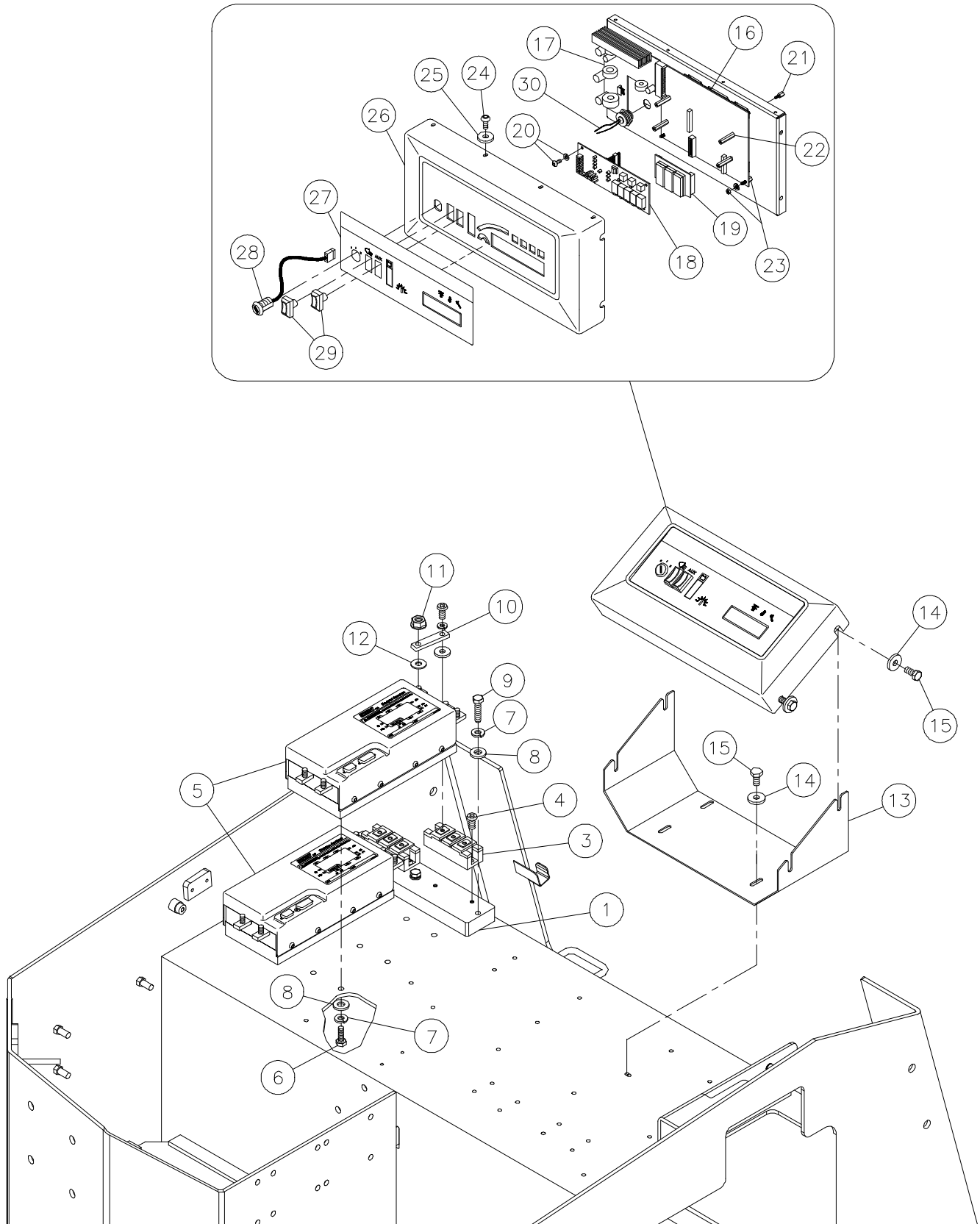
EP028

TOYOTA Electric Stand Up

Contactor - Fuse Panel

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10279-71	Contactor - Fuse Panel	1	
2	00593-10397-71	Main Power Contactor 600 Amp	1	
	00593-10396-71	Tip Kit for Main Power Contactor	1	
3	00593-10983-71	Bus Bar - Fuse	1	
4	00593-10982-71	Bus Bar, Fuse - Contactor	1	
5	00593-11788-71	Fuse, 400A (Traction Armature)	2	
6	00593-10400-71	Fuse, 600A (Lift Motor)	1	
7	00593-10399-71	Fuse, 80A (Steer Motor & Trac Fields)	1	
8	00593-10442-71	Insulated Standoff, 1"	4	
9	00593-10443-71	Insulated Standoff, 1¼"	4	
10	00593-10113-71	Hex Screw, 1/4-20 x 1/2"	7	
11	00593-10105-71	Hex Screw, 1/4-20 x 3/4"	8	
12	00593-10043-71	Lock Washer, 1/4"	18	
13	00593-10042-71	Flat Washer, 1/4"	8	
14	00593-11862-71	Spacer, 1/4"	1	
15	00593-10044-71	Hex Nut, 1/4-20	2	
16	00593-10067-71	Hex Screw, 1/4-20 x 1"	2	
17	00593-10093-71	Hex Screw, 3/8-16 x 1"	3	
18	00593-10055-71	Lock Washer, 3/8"	3	
19	00593-10184-71	Fuse, 15A	1	
20	00593-10090-71	Hex Screw, 1/4-20 x 5/8"	1	



TOYOTA Electric Stand Up

Control Electronics

THIS PAGE APPLIES TO
MODELS 6BNCUE15, 6BNCUE18
ALL SERIAL NUMBERS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>COMMENTS</u>
1	00593-10990-71	Heatsink Strip, 2 Diode	1	
2	00593-11558-71	Heat Transfer Grease	1	Not Shown
3	00593-10441-71	Diode Module	2	
4	00593-10464-71	Pan Head Screw, 1/4-20 x 1/2"	4	
5	00593-11876-71	Traction Amplifier	2	
6	00593-10091-71	Hex Screw, 5/16-18 x 1"	12	
7	00593-10046-71	Lock Washer, 5/16"	15	
8	00593-10524-71	Flat Washer, 5/16"	15	
9	00593-10237-71	Hex Screw, 5/16-18 x 1½"	3	
10	00593-10984-71	Bus Bar, Diode Connector	2	
11	00593-10118-71	Flange Lock Nut, 5/16-18	2	
12	00593-10527-71	Copper Flat Washer, 5/16"	2	
13	00593-11771-71	Display Box Mount Bracket	1	
14	00593-10042-71	Flat Washer, 1/4"	8	
15	00593-10462-71	Hex Screw, 1/4-20 x 3/4"	8	
16	See Item 31	System Controller Board	1	
17	See Item 31	Power Supply Board	1	
18	00593-11768-71	Display Board	1	
19	See Item 31	Memory Board (00593-11769-71)	1	
20	00593-10448-71	Torx Screw, #6-32 x 3/8"	10	
	00593-11751-71	Lock Washer, #6	12	
21	See Item 31	Jackscrew, #4	12	
22	See Item 31	Standoff, 1¼"	4	
23	See Item 31	Standoff, 1/4"	2	
	See Item 31	Hex Nut, #6-32	2	
24	00593-10451-71	Torx Screw, #8-32 x 3/4"	8	
25	00593-10518-71	Flat Washer, #8	8	
26	00593-11469-71	Display Box Cover	1	
27	00593-11929-71	Display Overlay	1	
28	00593-10273-71	Keyswitch Assembly	1	
29	00593-10407-71	Rocker Switch	2	
30	00593-11032-71	Harness, Sys Con to Light Switch	1	
	00593-11039-71	Harness, Sys Con to Aux Switch	1	
	00593-11040-71	Harness, Sys Con to Lights & Aux	1	
31	00593-11878-71	System Controller Field Fix	1	Includes Items 16, 17, 19, 21, 22, 23