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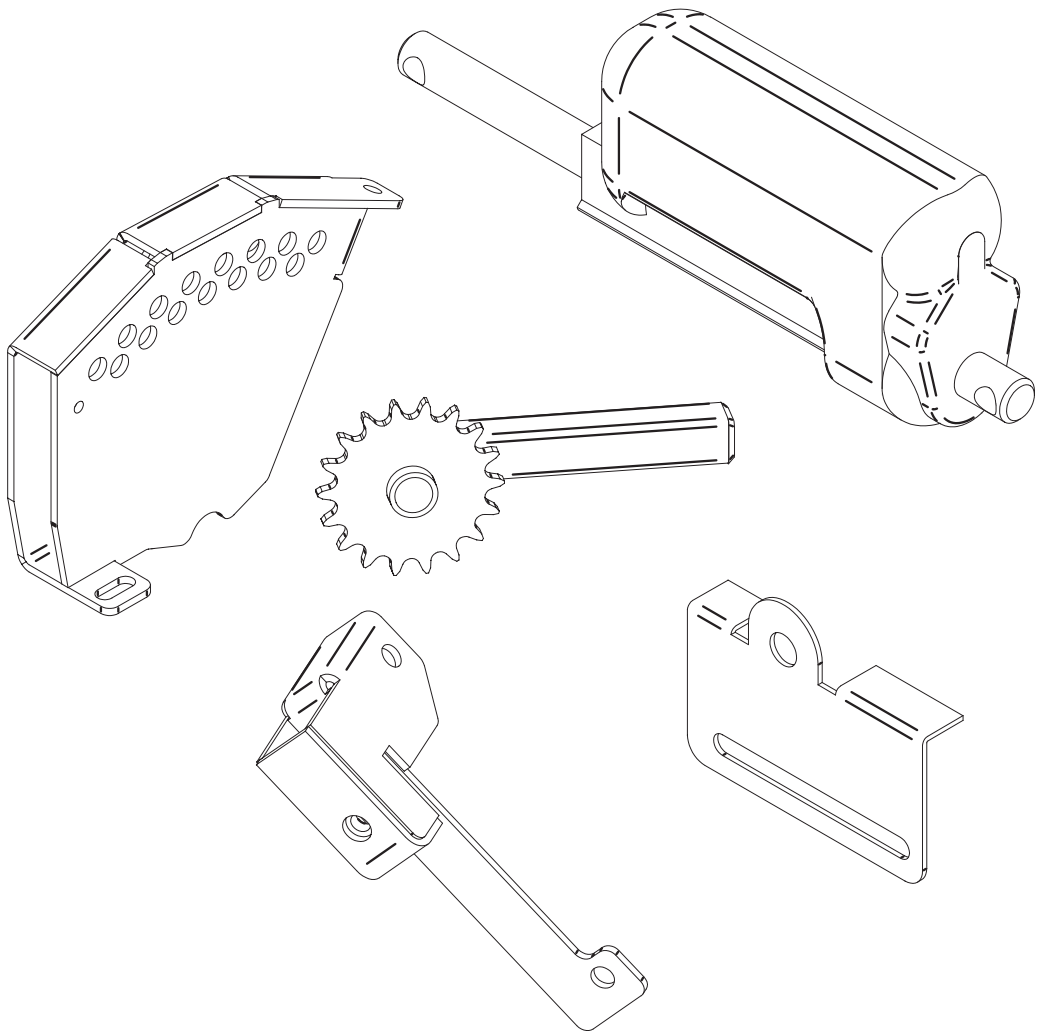
The World's Fastest Lawn Mower



2006 ELECTRIC DECK LIFT MANUAL

700058

August, 2005

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ELECTRIC DECK LIFT INSTALLATION DIRECTIONS

Removing Old Foot Pedal-

Block the deck up, so that the foot pedal is set at 12 o'clock, relieving the tension on the chains. Remove the pin, then remove foot pedal assembly.

Installing New Height Adjustment Housing-

Place the Arm Sprocket Weldment (Ref#3) in place on the chain, at the previous location of the foot sprocket, (12 o'clock). Slide the Height Adjustment Housing Weldment(Ref#2) over the Arm Sprocket Weldment. Replace the pin that was taken out to remove the foot pedal and bolt the housing directly to the frame using (1)3/8"-16 x 1" bolt and (1)3/8"-16 whiz flange nut. Also using (2)3/8"-16 x 1" bolts and (2)3/8"-16 Whiz Flange Nuts, install the Height Adjustment Housing Support Brace(Ref#19) from the top of the Housing to the battery tab on the frame. Now, use (1)M5-8X16mm HHCS Bolt, (1)M5 - .8 HH Nut, (1)M5 Flat Washer to attach Height Pin (Ref#1) to Height Adjustment Housing Weldment (Ref#2).

Installing Actuator-

Using (1)1/2"-13 x 1" bolt and (1)1/2"-13 whiz flange nut, install Rear Actuator Mounting Bracket Weldment(Ref#20) at rear of wheelmotor box on the inside by bolting it to the bottom outside hole of the wheel motor box plate. Then bolt the Actuator(Ref#10) to the bracket using (1)1/2"-13 x 2" Bolt and (1)1/2"-13 nyloc jam nut. Next remove the rear sprocket bolt and install the Actuator Front Mounting Bracket(Ref#8) with the .875" OD Shim(Ref#9) placed behind it. Then replace the rear sprocket bolt. Now place fiber washers on both sides of the plate with steel washers on outside, and then put 5/8"-11 x 2.5" bolt and 5/8"-11 nyloc jam nut on and put Actuator Chain Arm(Ref#15) on, then hook up the chain to the arm.

Replace Fitting-

To make clearance for the actuator, replace Fitting 67016-1/4' O-Ring to 3/8' Barb Straight Fitting, with 67017-90 Degree Fitting and 67014 3/8' Barbed Insert X 1/4 MPT Fitting.

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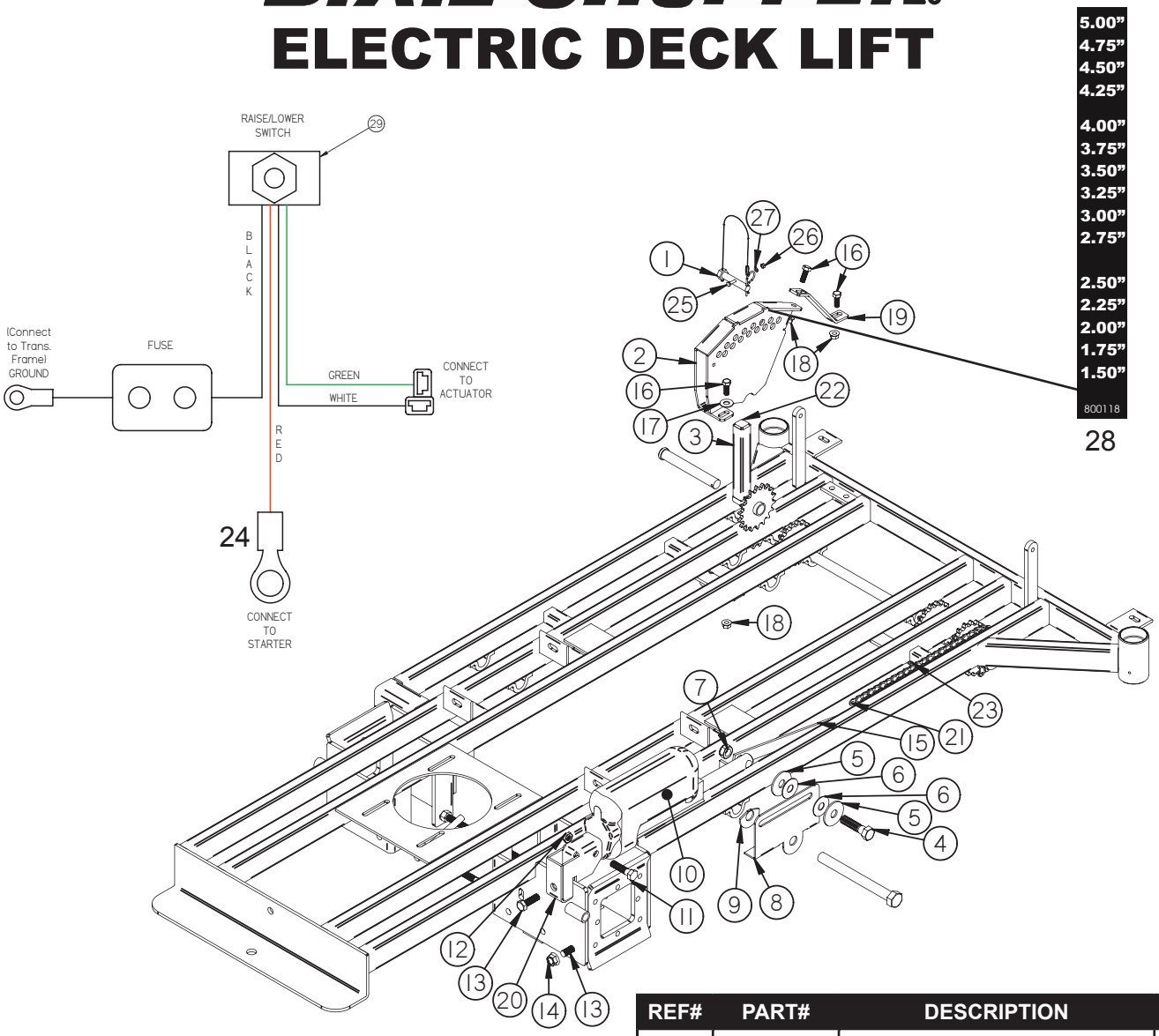
ELECTRIC DECK LIFT



REF#	PART#	DESCRIPTION	QTY
	300235	Kit - Electric Deck LIft 50/60 Frames	
1	300250B	Pin-Clevis 1/2" w/Lanyard and Clip	1
2	300236	Weldment-Housing Adjustment Height	1
3	300240	Weldment-Arm Sprocket	1
4	B-181	Bolt-5/8"-11 x 2.5 HHCS	1
5	W-156	Washer-9/16" Flat	2
6	W-140	Washer-5/8" Nylon Flat	2
7	N-156	Nut-5/8"-11 Nyloc Jam	1
8	300244	Bracket-Mounting Front Actuator	1
9	300249	Shim-.875 ID	1
10	500039	Actuator-Lift Deck Electric 2006	1
11	B-210	Bolt-1/2"-13 x 2" HHCS	1
12	N-126	Nut-1/2"-13 Nyloc Jam	1
13	B-123	1/2"-13 x 1 1/2" HH Bolt	2
14	N-157	Nut-1/2"-13 Whiz Flange	1

REF#	PART#	DESCRIPTION	QTY
15	300248	Arm-Chain Actuator	1
16	B-108	Bolt-3/8"-16 x 1" HHCS	3
17	W-104	Washer-3/8" Flat	1
18	N-108	Nut-3/8"-16 Whiz Flange	3
19	300239	Brace-Support Housing Adj. Height	1
20	300245	Weldment-Bracket Mounting Rear Actuator	1
21	10232	#50 Master LInk	2
22	68142	Cap - Plastic 1" Sq. Plug	1
23	990710002	#50 Return Spring Chain	1
24	500040	Harness - Lift Deck Elec.	1
25	B-258	M5-.8X16mm HHCS Bolt	1
26	N-179	M5 - .8 HH Nut	1
27	W-175	M5 Flat Washer	1
28	800118	Decal - Height Indicator	1
29	98179	Toggle Switch	1

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6302 E. County Road 100 North
Coatesville, IN. 46121
Phone 1-765-CHOPPER
www.dixiechopper.com

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