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LM-350

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## **OPERATION INSTRUCTIONS**

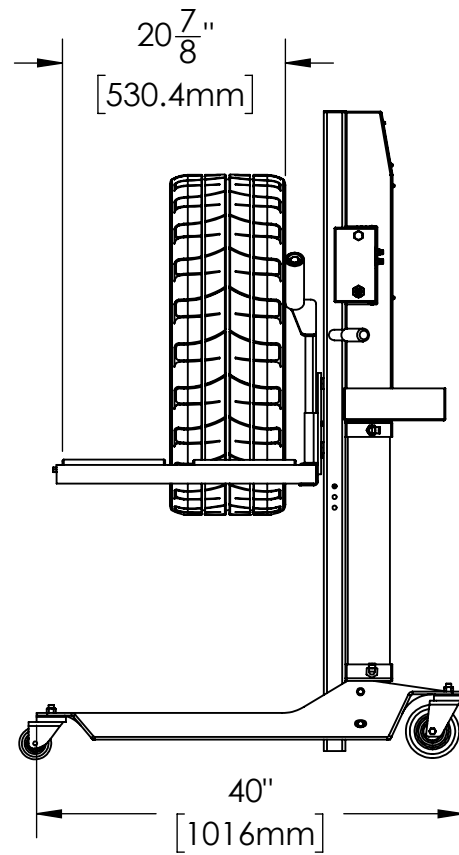
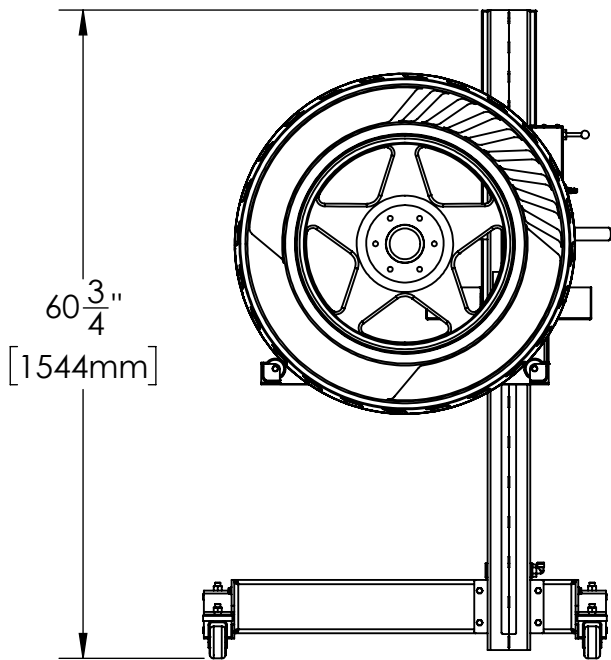
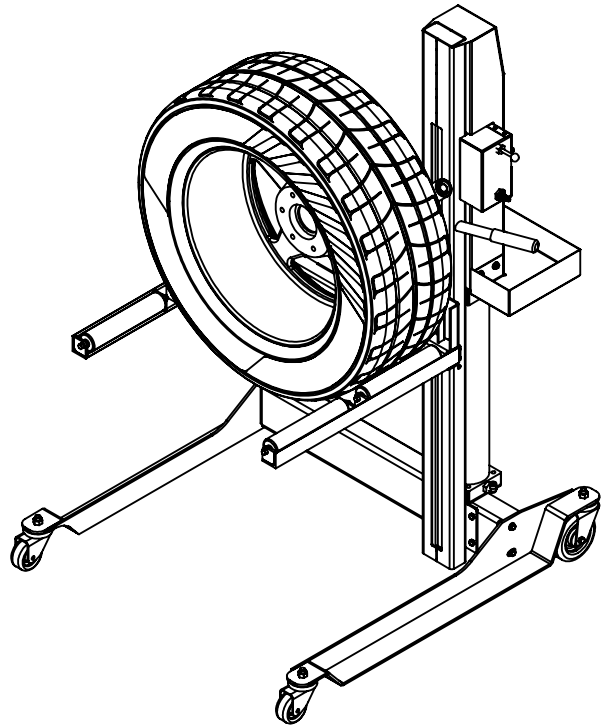
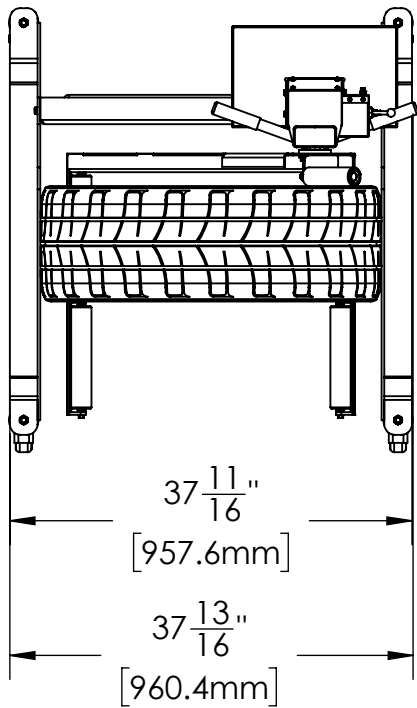
### **Removing the Tire and Wheel Assembly from a vehicle using The LM-350**

1. Attach air to LM-350
2. Position LM-350 under tire and wheel on the vehicle and raise roller carriage by operating the raise/lower control. (Valve is variable speed. The more you move the toggle control in the upward or downward direction the faster the carriage will move)
3. Once the rollers have made contact with the bottom of the tire, slowly release the toggle valve.
4. Pull the top of the tire toward you and disengage wheel from the vehicle.
5. With the tire on the rollers back the lift away from the vehicle and lower.
6. Remove the tire and wheel assembly from the LM-350

### **Installing the Tire and Wheel Assembly on a vehicle using the LM-350**

1. Position the tire and wheel assembly on the LM-350 rollers
2. Raise the tire to close to spindle height.
3. Rotate the tire and wheel to align lug studs to the wheel.
4. Slowly raise or lower to exact position and push the top of the tire and wheel assembly forward to engage the stud and lug nut holes.
5. Install lug nuts and lower tire and wheel lift.

# LIFTING CAPACITY: 350LBS



## LM-350 INSTALLATION & ASSEMBLY INSTRUCTION

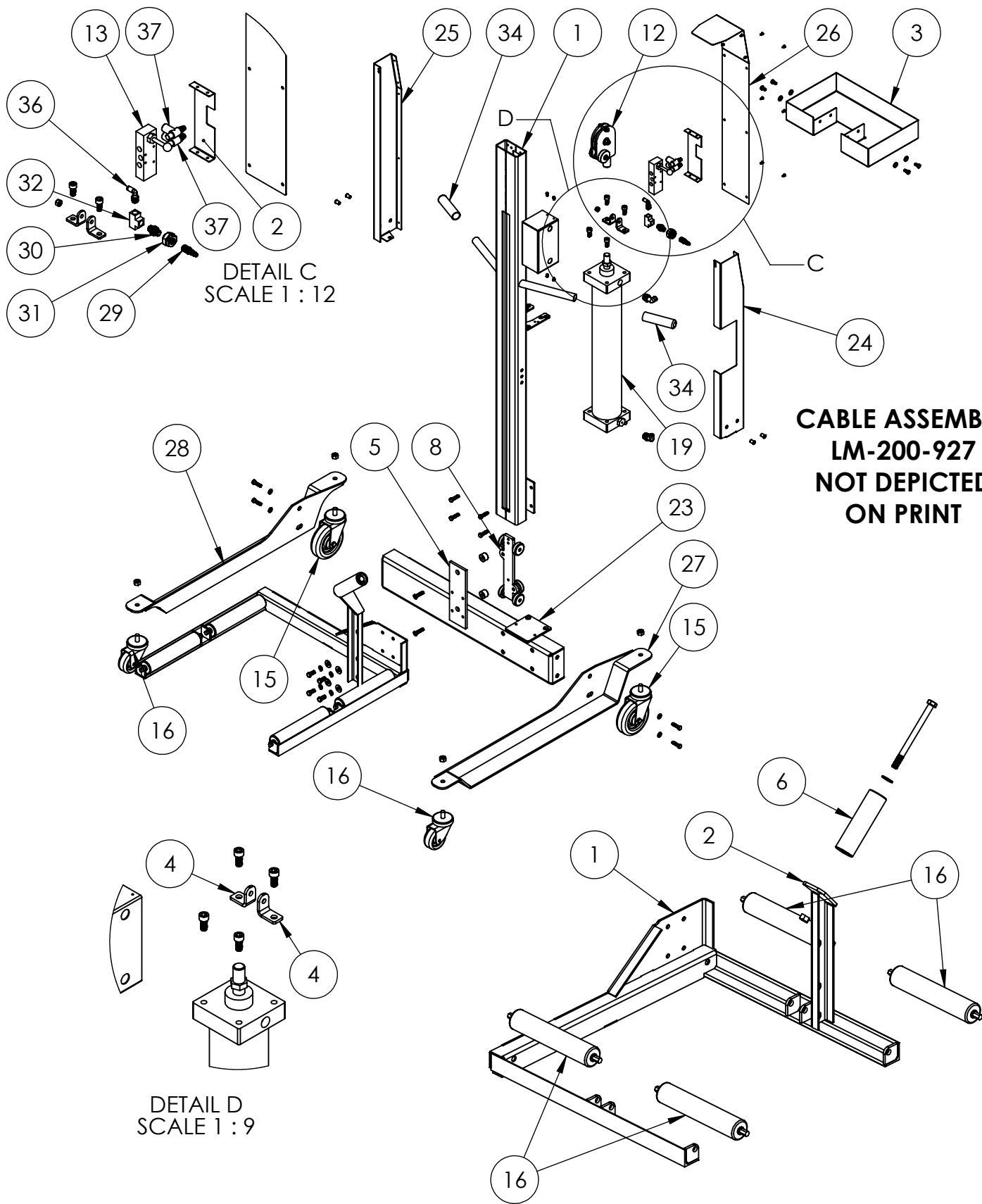
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ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LM-200-160	COLUMN WELDED ASSY	1
2	LM-200-172	CONTROL BOX COVER	1
3	LM-200-174	TOOL TRAY	1
4	LM-200-210	CABLE ANCHOR	2
5	LM-200-401	PLATE-FRONT	1
6	LM-200-407	ROLLER-TROLLEY	6
7	LM-200-415	ROLLER SUPPORT	1
8	LM-200-437	TROLLEY WELDMENT	1
9	LM-200-606	CABLE PULLEY WHEEL 3.5"	1
10	LM-200-703	GUIDE WHEEL BUSHING	2
11	LM-200-706	GUIDE WHEEL	2
12	LM-200-708	PULLEY ASSY WELDMENT	1
13	LM-200-901	AIR VALVE	1
14	LM-200-927	LM-200 CABLE ASSEMBLY	
15	LM-200-930	CASTER 5" DIA WHEEL	2
16	LM-200-931	CASTER 3" DIA WHEEL	2
17	LM-200-R-152	ROLLER	1
18	LM-350-10	LM-350 DECAL KIT	
19	LM-350-100	HD CYLINDER 100 B- 500 S	1
20	LM-350-119	SPACER	2
21	LM-350-122A	FORK WELDMENT	1
22	LM-350-131	ROLLER	4
23	LM-350-149	CHANNEL ASSY	1
24	LM-350-166	COVER LH	1
25	LM-350-167	COVER RH	1
26	LM-350-173	REAR COVER	1
27	LM-350-714	CASTER SUPPORT RH	1
28	LM-350-715	CASTER SUPPORT LH	1
29	1030	QUICK DISCONNECT 1/4 NPT	1
30	108-60	CHECK VALVE 1/4 NPT	1
31	1345	1/4 NPT-3/4-16 THD	1
32	1347	AIR LINE TEE 1/4 NPT	1
33	137-71	YELLOW COIL HOSE 4 1/2 COIL	
34	8000-8	GRIP	2
35	F-1/2NPT X 3/8NPT L	1/2 NPT X 3/8 TUBE ELBOW	2
36	F-1/4 X 1/4NPT L	.25 TUBE X .25NPT ELBOW	1
37	F-1/4NPTX3/8T FCL	FLOW CONTROL ELL 3/8 NPT	2
38	H-LM-HDWR	LM-200 HARDWARE KIT	1
39	T-1/4 PU TUBE-FLEX	1/4 BLACK POLYURETHANE AIR LINE	0.75
40	T-3/8 PU BLACK TUBE	3/8 BLACK POLYURETHANE TUBE	6



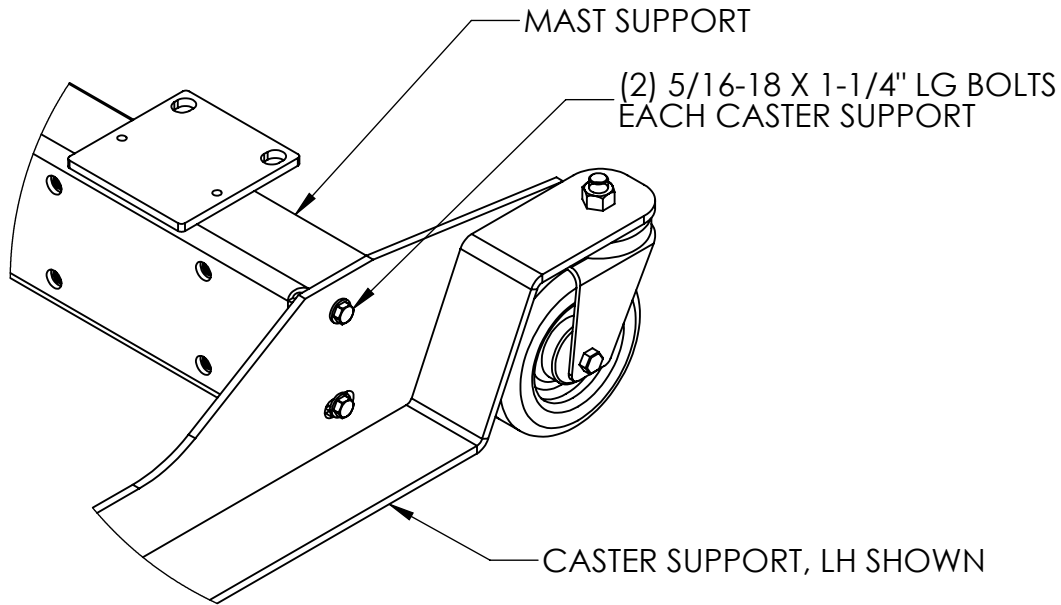
## LM-350 INSTALLATION & ASSEMBLY INSTRUCTION

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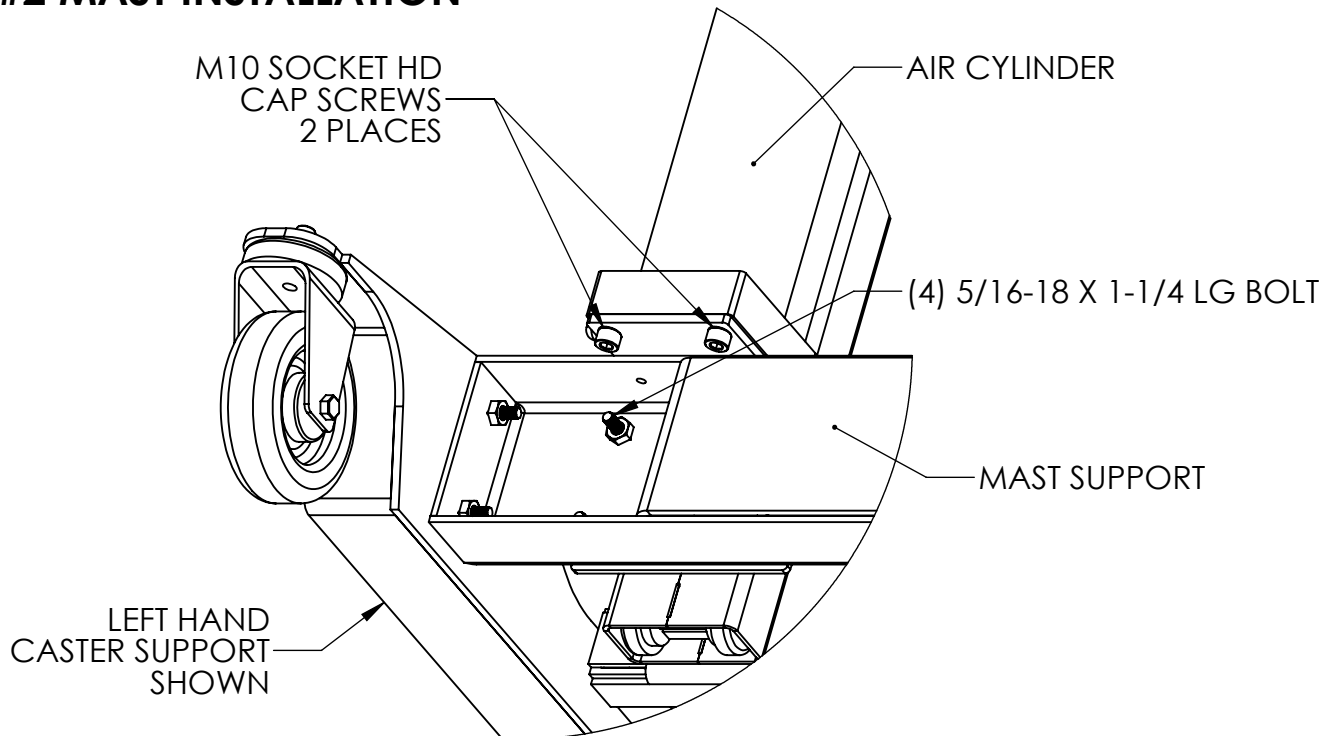
**CABLE ASSEMBLY  
LM-200-927  
NOT DEPICTED  
ON PRINT**

## STEP #1 CASTER INSTALLATION.



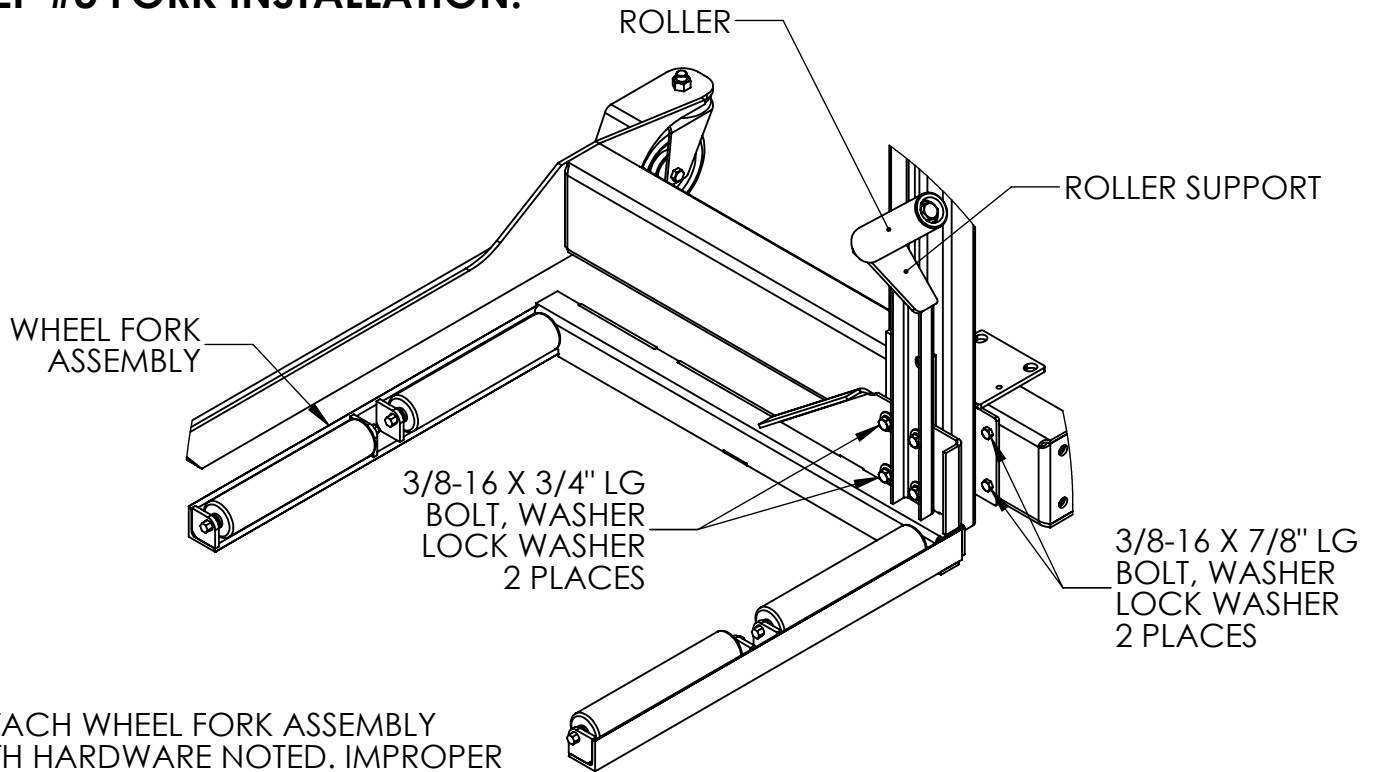
1. ATTACH CASTER SUPPORTS RH & LH TO MAST SUPPORT USING HARDWARE NOTED

## STEP #2 MAST INSTALLATION



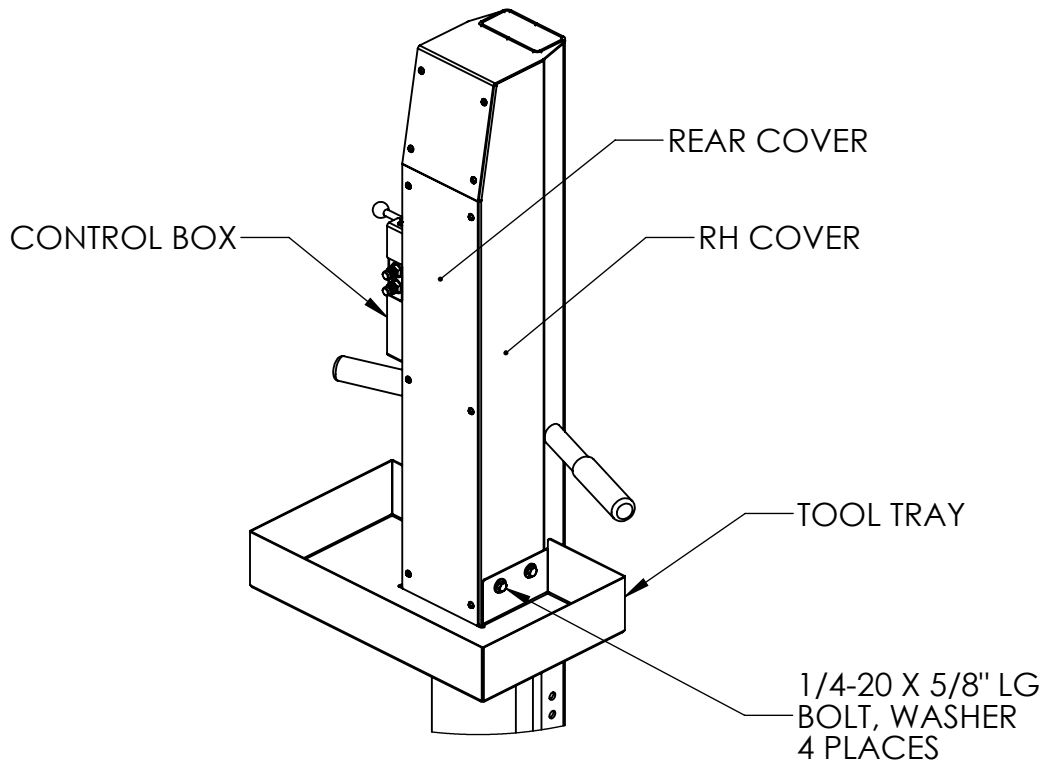
1. ATTACH THE MAST TO THE MAST SUPPORT USING HARDWARE NOTED

### STEP #3 FORK INSTALLATION.

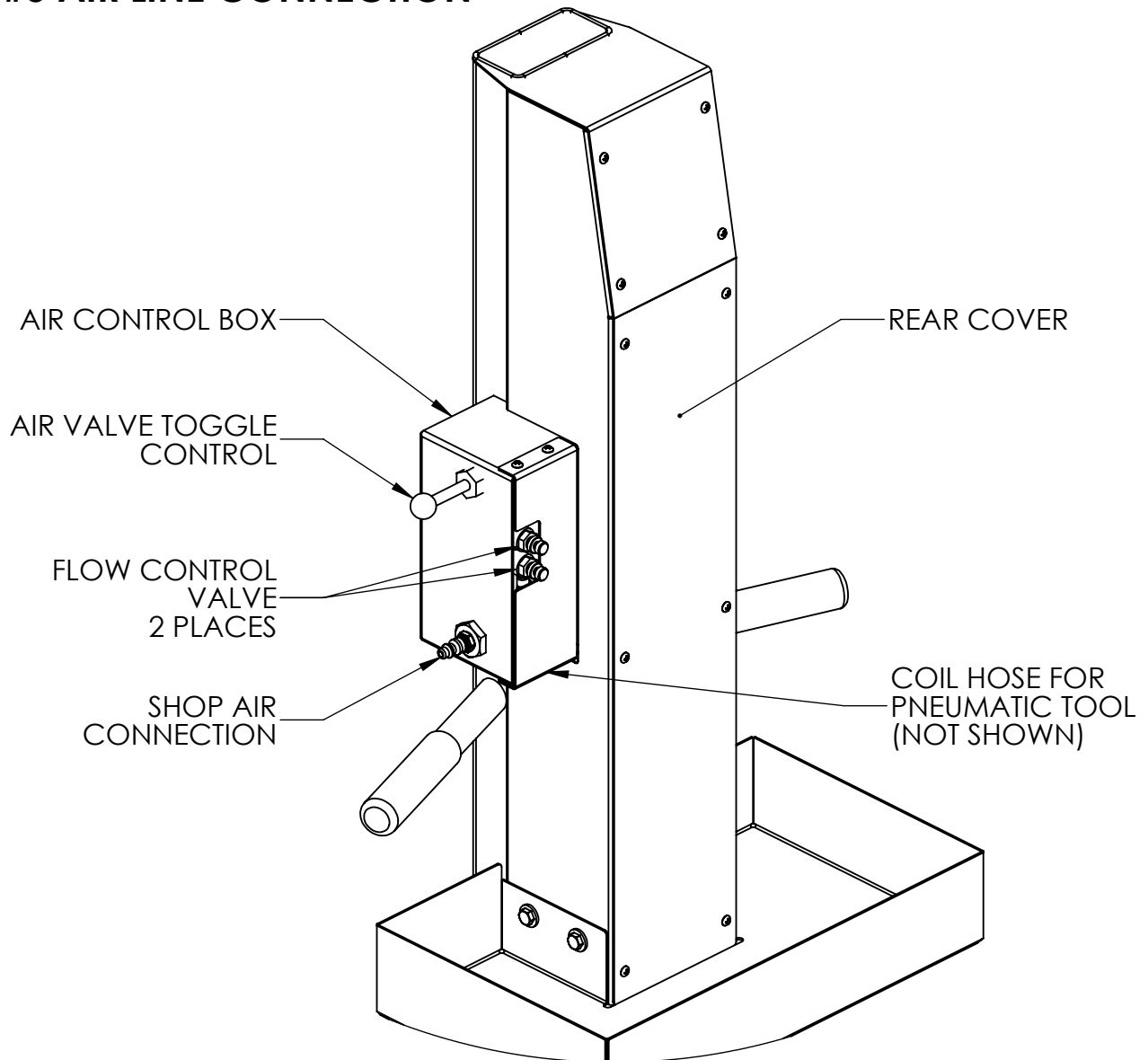


ATTACH WHEEL FORK ASSEMBLY WITH HARDWARE NOTED. IMPROPER LOCATION OF HARDWARE CAN CAUSE INTERFERENCE OF BOLT WITH MAST.

### STEP #4 TOOL TRAY INSTALLATION.



## STEP #5 AIR LINE CONNECTION



**NOTE:**  
THE FLOW CONTROL VALVES GOVERN THE RATE AT WHICH THE WHEEL FORK RAISES AND LOWERS. THESE CONTROLS ARE PRESET AT THE FACTORY, BUT CAN BE ADJUSTED BY THE END USER IF THE DESIRED SPEED NEEDS TO BE INCREASED OR DECREASED.

### SUGGESTED MAINTENANCE:

1. THE LM-350 LIFT OPERATES BEST WITH SHOP AIR THAT IS CLEAN AND DRY.
2. PERIODICALLY CHECK THE TIGHTNESS OF ALL FASTENERS.
3. PERIODICALLY CHECK THE CONDITION OF LIFTING CABLE. IF ANY FRAYED STRANDS ARE NOTICED REPLACE CABLE.