



**Rubber Pin box
INSTALLATION INSTRUCTIONS**

**MOR/ryde International
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Overview

This document covers the installation of the MOR/ryde International, Inc. Rubber Pin Box on a 5th Wheel Recreational Vehicle.

Required tools

- Mechanism to support the pin box during change out
- Wrench/sockets and impact wrench to fit hardware
- Torque wrench capable of 300ft.lbs.
- Alignment pins
- Optional
 - Porta-power



Process

1. If you do not have assistance do NOT attempt to replace the pin box by yourself. Dropping the pin box can cause serious injury.
2. Note the mounting holes location of the original pin box. This is used to position the new pin box in the correct height location. You can measure the bottom of the pin box to the bottom of the mounting wings to determine the required height of the new pin box.
3. Remove any items attached to the pin box (i.e. power cord box, brake-away switch, lube plate, etc). Remove the bolts securing the pin box to the 5th wheel frame leaving one in place on each side to prevent the pin box from falling. When you are ready to remove the pin box, ensure it is supported and remove the last 2 bolts.
4. Carefully “work” the pin box forward and back to loosen it from the mounting wings. It may be helpful to use a “porta-power” to spread the mounting wings. Lower the pin box and place it out of the way.



5. Slide the new pin box into position using the alignment pins to line up the holes. Place a bolt through the mount hole on each side to prevent the box from falling. Install the remaining mount bolts once you are satisfied with the skid plate location.
6. Tighten mounting bolts to per torque chart. Reattach any removed items from Step 3.
7. Recheck bolt torque after 100 miles.



Torque Chart

Bolt Size	Torque Ft. Lbs.	
	Grade 5	Grade 8
1/4-20	7	10
5/16-18	14	20
3/8-16	25	35
7/16-14	40	55
1/2-13	60	90
5/8-11	115	170
5/8-18	125	185
3/4-10	190	280