



Towing and Suspension Solutions

RM3477 tow dolly
Ramp wear strip and spacer plate replacement kit
part number 2000-25

Installation Instructions

855138-01 10.14

All specifications subject to change without notice.

ROADMASTER, Inc. 6110 N.E. 127th Ave. Vancouver, WA 98682 800-669-9690 Fax 360-735-9300 www.roadmasterinc.com

Parts

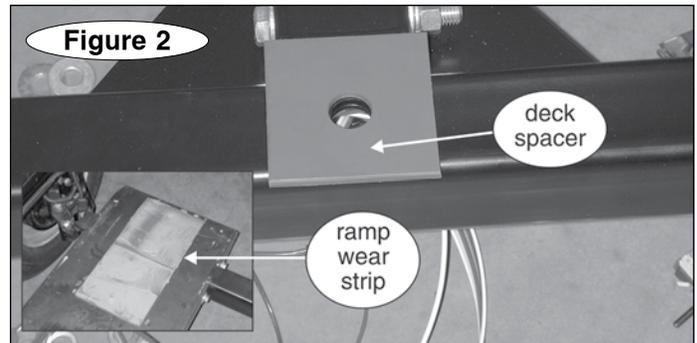
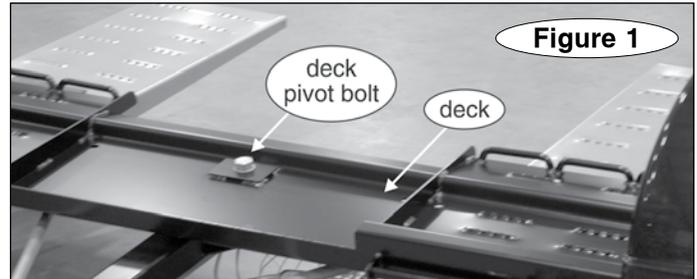
- (2) ramp wear strips
- (1) deck spacer plate
- (4) 3/8" x 1" bolts
- (4) 3/8" nuts
- (4) 3/8" washers
- (1) 1" Nylock nut
- (2) tubes AquaLube lubricant

Required tools

- a torque wrench
- a 7/32" Allen wrench
- (2) 1½" crescent wrenches
- a 9/16" wrench

Installation instructions

1. Remove the pivot bolt (Figure 1), the flat washers (both sides) and the Nylock nut. Discard the Nylock nut.
Remove the deck (Figure 2) and the original deck spacer (Figure 2).
2. Remove the bolts, nuts and washers holding the two original ramp wear strips (inset, Figure 2) and discard the strips and the attachment hardware.
3. Clean the deck where the spacer and ramp wear strips were positioned, to remove any abrasive material.
4. Position the replacement deck spacer over the pre-drilled hole at the center of the axle.
5. Attach the replacement ramp wear strips with the provided 3/8" x 1" bolts and 3/8" nuts and washers.
6. Apply the supplied lubricant to the top of the replace-



ment deck spacer and the two replacement ramp wear strips.

CAUTION

Lubricant must be applied to the deck spacer and ramp wear strips, or the dolly will not track smoothly around corners – it will jerk and jump. This “lurching” or “skipping” movement will be felt at the towing vehicle’s steering wheel.

7. Position the deck over the axle as shown in Figure 1,
continued on next page

IMPORTANT NOTICE!

Safety Definitions

These instructions contain information that is very important to know and understand. This information is provided for **safety** and to **prevent equipment problems**. To help recognize this information, observe the following symbols:



WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in property damage, serious personal injury, or even death.



CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in property damage, or minor or moderate personal injury.

CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTE

Refers to important information and is placed in italic type. It is recommended that you take special notice of these items.

continued from preceding page

so that the pre-drilled holes at the center of the deck, deck spacer and axle align.

8. Replace the deck pivot bolt. Use the supplied 1" Nylock nut and the original flat washers.



WARNING

Discard the original Nylock nut. It will not hold the pivot bolt in place if it is reattached. The deck and other components may separate from the dolly during towing.

Failure to follow these instructions may cause property damage, personal injury or even death.

9. Torque the deck pivot bolt to 70 ft./lbs.



WARNING

Do not over-tighten the deck pivot bolt. If the deck pivot bolt is over-tightened, the deck will not pivot when the towing vehicle turns, which will apply extreme stress to the deck, the tongue, the straps and/or other components, which may cause them to fail.

The towed vehicle or the dolly may separate from the towing vehicle, which may cause property damage, personal injury or even death.