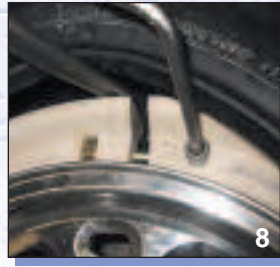




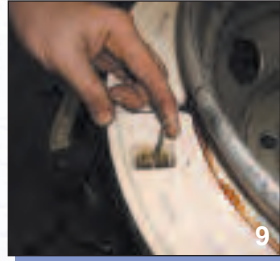
- While pulling the tire bead back with a tire iron, orient the eye bolt so the eye is visible through the slot in the roller. If necessary, loosen the spanner nut.

Insert the cross bolt and tighten with a 9/16" socket extension ratchet until snug (Figure 8). Complete for the other location.

Note: 15" Standard uses rivets to secure eye bolts.



- Tighten both ends equally until the rollers have a gap approximately equal to \_\_\_\_\_ inches. Use a standard tape measure to verify gap.



- Apply loctite to the thumb screw and thread into the spanner nut. Use hand pliers to tighten until snug (Figure 10).



- Rotate the spanner toward the outside of the tire until contact is made (Figure 11).

- Be sure to remove all wood blocks and tools from the inside of the tire.**

**Place lubricant on the outboard tire bead and install. Inflate tire to the recommended tire pressure.**

- Balance the wheel and remove excess lubricant from the exterior of the tire.



- Place the installation label on the wheel to specify a runflat is installed.

- Mount the wheel - *You are finished!*

- Keep the instructions and installation tools with the vehicle spare tire to facilitate future tire changes.



Please contact Rodgard with any installation questions.

## RODGARD

92 Monsignor Valente Dr. • Buffalo, New York 14206

Phone: (716) 852-1435 • Fax: (716) 852-7690

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RG10002 - 3/05

## FITTING INSTRUCTIONS

### Rodgard Standard Runflats

#### Models

- 14" Standard
- 15" Standard
- 15" Super Standard
- 16" Standard
- 16" Super Standard
- 16" XT
- 16" Heavy Duty
- 17" Standard
- 17" Super Standard
- 18" Standard



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**An ISO 9001 Company**

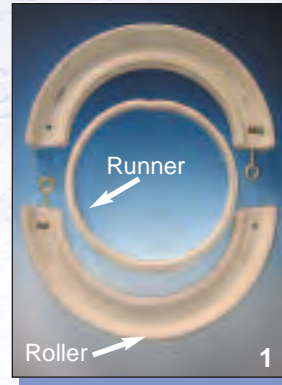
## Thank you for purchasing the Rodgard Runflat System.

This manual details the instructions to install the Rodgard runflat system on one piece drop center wheels equipped with safety humps.

### NOTICE

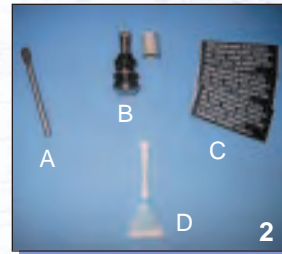
Failure to follow these instructions may result in component failure and reduced performance.

The Runflat system is installed during the tire installation. It is shipped from the manufacturer as a completely assembled unit, and consists of two major components: the Runner and Roller. (Figure 1)



### HAND TOOLS & EQUIPMENT (Figure 2)

- Spanner Adjustment tool (provided) (A)
- Metal tire valve (provided) (B)
- Installation Labels (provided) (C)
- Loctite lubricant (provided) (D)
- 9/16" socket extension ratchet
- Standard tubeless tire mounting tools
- Standard tire mounting machine
- Wood blocks



**PLEASE NOTE THAT IT IS MANDATORY FOR YOU TO FOLLOW THIS PROCEDURE OF ASSEMBLY/DISASSEMBLY AND TO USE THE SPECIFIC INSTALLATION TOOLS AS DESCRIBED IN THE BROCHURE HERETO. FAILURE TO COMPLY WITH THIS PROCEDURE AND/OR NON-USE OF THESE TOOLS CAN ADVERSELY AFFECT THE OPERATION OF HUTCHINSON'S PRODUCTS AND REDUCE THEIR LEVEL OF PERFORMANCE. CONSEQUENTLY, HUTCHINSON SHALL NOT BE HELD BY ANY OBLIGATION OF GUARANTEE AND SHALL NOT BE LIABLE TO ANY RESPONSIBILITY OR CLAIMS RESULTING FROM:**

1. INTERVENTION ON THE PRODUCT EFFECTED BY THE CUSTOMER OR BY ANY THIRD PARTY CONDITIONS (ASSEMBLY/DISASSEMBLY PROCEDURES) NOT DESCRIBED IN THE BROCHURE HERETO AND
2. NOT APPROVED BY HUTCHINSON IN WRITING PRIOR TO THE INTERVENTION, DEFECTS OR
3. DETERIORATION CAUSED BY THE FAILURE TO COMPLY WITH THE INSTRUCTIONS AND TOOLS AS DESCRIBED IN THE BROCHURE HERETO.

Please note: To help assist with installation, some photos do not depict the lubricant on the roller and runner.

For first time installation, it may be beneficial to install the system on the wheel without the tire. This will allow you to become familiar with the steps prior to full installation.

1. Separate the two roller segments by removing the cross bolts of each section.
2. Do not remove the factory installed lubricant. This is a special, high temperature lubricant that will not harm the tire.
3. Remove the existing rubber valve from the wheel and replace with the metal valve supplied. Also, remove the thumb screw from the spanner nut and loosen nut so only 2-3 threads are engaged.
4. With the outboard side of the wheel facing up, install the tire beads on the wheel. Remove the upper bead only. The lower bead can be seated or unseated based on the installer's preference.
5. Raise the upper bead and insert the runner as shown in Figure 3. Be sure the side marked "OUTBOARD" is facing up. Pushing down on the tire at the valve stem location, verify the valve stem is in the opening of the runner (Figure 4).

Once the runner is in place, reach inside and pull the runner up to ensure it is seated correctly within the drop center of the wheel.

6. Place a few wood blocks between the wheel and tire as shown in Figure 5. This will allow clearance to install the roller sections.
7. With the roller "OUTBOARD" side up, snake the roller into the tire as shown in Figure 6. Repeat this for the 2nd half, making sure the eye bolts are in the proper orientation. Refer to Figure 1 for the correct orientation.
8. Reaching inside the tire, align the eye bolts and engage the bolt within the other roller section. Rotate the entire unit until the hardware location of the rollers is approximately 90° from the valve stem.
9. Place blocks of wood between the tire and rollers to keep the roller engaged with the runner (Figure 7).

Continued on page 4

