



OMIX-ADA, Inc.

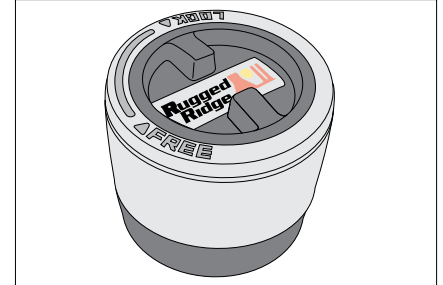
460 HORIZON DR. SUITE 400 | SUWANEE, GA 30024 | PHONE: 770-614-6101 | FAX: 770-614-6069 | info@omix-ada.com

15001.70

# Manual Lock Out Hub, 98-00 Ford® Ranger

## Contents:

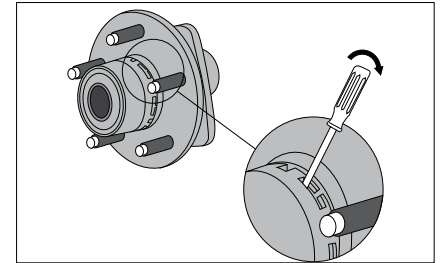
- Lock Out Hubs (2)
- Rubber O-Rings (2)



**WARNING:** May not be held responsible for eventual free wheel hub function failures due to liquids, mud, etc. penetrating through the vehicle's axle shaft seal. Periodic inspection of the vehicle's axle shaft seal is suggested.

**NOTICE:** DO NOT use grease on new free-wheel hub. Grease may cause improper function or premature failure.

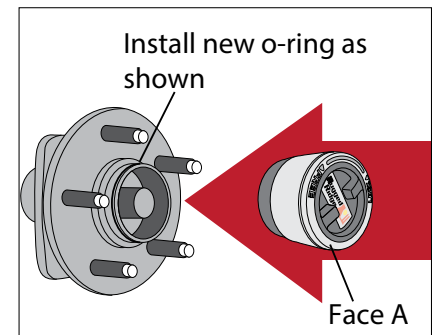
1. Remove wheel/ tire assembly. Refer to vehicle service manual.
2. Remove existing free wheel hub using screw driver of suitable size to loosen claws from Hub Groove. Insert a screw driver in each claw, as shown, pull out till all claws are free.



**NOTICE:** Make sure the surface and splines on original hub and axle are clean and free of all dirt and debris, a brake parts type cleaner may be needed. Splines should be free of burrs and any imperfections that could interfere with the installation and proper function of new hubs. A small amount of SAE 30 type weight oil is recommended as a lubricant on all spline surfaces to aid in the installation process and to help with proper function of new hub.

Inspect hub bearing for proper function. Hub bearing should rotate smoothly. Replace if needed.

3. Install new Rugged Ridge o-rings as shown. Align free wheel hub with wheel hub and axle shaft splines. Free-wheel hub must be in "LOCK" position. May be necessary to rotate wheel hub for splines to align.
4. Use moderate even pressure to install new hub. Use of a rubber mallet may be needed to aid in the installation. Tap on Face "A" of free wheel hub cover until fully seated.
5. Inspect all locking claws to ensure each one is fully seated in hub grooves.
6. With new locking hub installed rotate hub bearing and cycle the locking hub to ensure proper function. See operation instructions below. Install wheel/ tire assembly per factory service manual instructions.



**OPERATION:** 2 Wheel Drive (4x2) - Turn control dials counterclockwise using fingers only to "FREE" position. Front wheels are now completely disengaged from power train. 4 Wheel Drive (4x4) - Turn control dials clockwise using fingers only to "LOCK" position. Front wheels are now engaged with the power train. Note: Only operate lock/unlock feature on flat level ground.

### OMIX-ADA® TECHNICAL SUPPORT

PHONE: M-F 8am - 5pm EST 1-800-449-6649 | EMAIL: techsupport@omix-ada.com

FOR WARRANTY INFORMATION VISIT: [www.Omix-Ada.com](http://www.Omix-Ada.com)