




# Installation Instructions

<b>RalliTEK HD Adjustable Trailing Arms</b>	
<b>Suggested tools</b>	<ul style="list-style-type: none"><li>• Ramps or jack stands</li><li>• Jack</li><li>• Hand tools</li></ul>
<b>Safety Warnings</b>	<ul style="list-style-type: none"><li>• Always support the vehicle with jack stands before working underneath</li><li>• Use only the parts supplied by RalliTEK to install this kit</li><li>• Check ALL the fasteners for tightness before and after road testing the vehicle</li><li>• Do not use an air impact wrench with re-installing bolts as stripped threads may occur</li></ul>

## RalliTEK TRAILING ARM INSTALLATION

1. Remove the factory rear trailing arms

2. Use the supplied grease to grease each bushing and press into the bushing eye



3. Once the bushings are installed into the bushing eye, apply the grease to the bushing sleeves and press into the bushings



4. Install the jam nut onto the adjuster and apply anti-seize to the threads on the adjuster and thread into the trailing arm body.

**NOTE:** the male threads on the adjuster are left hand threads so you will turn the adjuster left to thread it in



5. Install the jam nut onto the bushing eye and apply anti-seize to the threads on the bushing eye and thread into the trailing arm adjuster



6. Using the factory trailing arm, set the length of the adjustable trailing arm.



7. Install the trailing arm on the knuckle side using the factory bolt

**NOTE:** do not tighten the bolt at this time



<p><b>8. Install the trailing arm to the subframe using the factory bolt</b></p> <p><b>NOTE: Do not tighten at this time</b></p>	
<p><b>9. Install the emergency brake bracket onto the tab of the trailing arm</b></p> <p><b>NOTE: it is easier to reinstall the emergency brake bracket with the suspension at ride height</b></p>	
<p><b>10. Set the car on the ground, settle the rear suspension and torque the bolts to the following torque specifications:</b></p> <p><b>Subframe bolt – 67 ft-lbs</b> <b>Knuckle bolt – 67 ft-lbs</b></p>	
<p><b>ADJUSTING TRAILING ARM LENGTH</b></p>	
<p><b>11. To adjust the trailing arm length have the car on the ground, block the front tires and have the car in neutral without the emergency brake on. Adjust the trailing arm length to the desired tire position. This trailing arm will not need significant adjusting due to the suspension design, I suggest keeping it stock length unless needed otherwise.</b></p> <p><b>NOTE: Tighten the upper jam nut to the adjuster and the lower jam nut to the trailing arm body after adjusting.</b></p>	

## WARRANTY

### **One Year Limited Warranty**

**RalliTEK** warrants to the original purchaser that the parts manufactured and/or sold by RalliTEK (the Product) is free from defects in material and workmanship under normal use. RalliTEK warrants that the Product will perform substantially in accordance with the specifications set forth in the documentation provided with it. The above express warranties are made for a period of the lesser of 12,000 miles or 12 months from the date the Product is installed in your vehicle.

Any improper use, operation beyond capacity, substitution of parts not approved by **RalliTEK** in writing, any alteration or repair by others, or any removal, defacing or altering of the identification shall void this warranty. There is no warranty on high-performance or race related parts due to the nature of usage.

The purchaser shall notify **RalliTEK** at 888-773-1212 of any defect within the warranty period no later than thirty (30) days after purchaser discovers the defect. Should any failure to conform to this warranty appear within the warranty period, RalliTEK shall, on notification, correct the nonconformity at its option, either by repairing any defective part, or by making available, FOB RalliTEK plant, a repaired or replacement part. The purchaser must insure any defective item being returned because RalliTEK does not assume risk of loss or damage while in transit. No payment or reimbursement shall be made for installation, removal, transportation or other charges. The remedies set forth in this instrument are exclusive, and the liability of RalliTEK with respect to any sale shall not exceed the price of the product on which the liability is based.

EXCEPT AS STATED OTHERWISE IN THIS WARRANTY, **RalliTEK** MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. RalliTEK shall not in any case be liable for special, incidental, consequential, indirect, or other similar damages arising from any breach of these warranties even if RalliTEK or its agent has been advised of the possibility of such damages. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

This warranty is governed by the laws of the State of Oregon.

