

# **PERRIN**

## **PERFORMANCE**

### **08+WRX/STI/FORESTER Rear End Link Kit**

Thank you for purchasing this PERRIN product for your car! Installation of this product should only be performed by persons experienced with installation of aftermarket performance parts and proper operation of high performance vehicles. If vehicle needs to be raised off the ground for installation, the installer must use proper jacks, jack-stands and/or a professional vehicle hoist for safety of the installer and to protect property. If the vehicle is lifted improperly, serious injury or death may occur! Please read through all instructions before performing any portion of installation. If you have any questions, please contact our tech department prior to starting installation.

#### **SUSPENSION INSTALLATION NOTE**

Installation of this product is a modification to the vehicle suspension. As a result, the vehicle may handle differently than that of factory-equipped vehicles. As with any vehicle extreme care must be used to prevent loss of control or roll-over during sharp turns or abrupt maneuvers. Always wear seat belts, and drive safely, recognizing that reduced speeds and specialized driving techniques may be required. Failure to drive this vehicle safely may result in serious injury or death. Do not drive this vehicle unless you are familiar with its unique handling characteristics and are confident of your ability to maintain control under all driving conditions. Some modifications (and combinations of modifications) are not recommended and may not be permitted in your state or country. Consult your owner's manual, service manual, instructions accompanying this product, and local laws before undertaking these modifications. You are responsible for the legality and safety of the vehicle you modify using these components.

#### **SPECIAL NOTES:**

- It's important to make sure spacers and washers are aligned properly.
- If your car is driven during winters in states that salt the roads, its important to wash off dirt and salt to ensure premature corrosion doesn't occur. An alternative is to put some heavy duty, water proof bearing grease around bearings to keep out water and dirt.
- These PERRIN Spherical Bearing endlinks have a bearing that will eventually wear out.

#### **Parts Included with the PERRIN STI rear Endlink Kit:**

- **(2) PERRIN STI rear endlinks**
- **(2) SS Upper Spacers (long reduced shank)**
- **(4) SS Lower Spacers (short reduced shank)**
- **(4) 3/8" Split washer**
- **(2) 3/8-24x2.5" grade 8 hex bolts**
- **(2) 3/8" grade 8 washers**
- **(2) 3/8-24 grade 8 nuts**

1. Raise rear of car off ground and support with jack stands. Use of professional lift is also ok.
2. Pay close attention to the orientation of the factory endlinks and make sure the endlinks are installed on the out side of swaybar.
3. Remove the stock rear end link from both sides of vehicle.
  - a. Remove 14mm nut from swaybar connection. This may require the use of a 6mm allen key to hold endlink studd while removing nut.
  - b. Remove 14mm nut and bolt from lower connection at control arm. If endlink is binding up in control arm, loosen 17mm nut and bolt securing lower portion of shock. This will allow the control arm to spread apart and the endlink should come out.



4. Install PERRIN Endlink into control arm.
  - a. Make sure that included SS spacers gets installed on either side of the endlink. Make sure that shorter reduced end is placed inside of bearing. Note: These are zip tied to endlink in the correct position.
  - b. Drop PERRIN endlink into control arm and insert OEM bolt (removed in step above) through control arm and endlink and install nut. Leave loose at this time.
5. Install endlink to sway bar.
  - a. Using the installation picture, make sure that hardware and spacers are aligned properly. 3/8" Split washer should be installed at head of bolt, then bolt goes through endlink with SS spacer on other side with smaller end placed inside of bearing.
  - b. With hardware aligned properly install bolt through hole on swaybar. Install supplied 3/8" flat washer, then lock washer then nut on swaybar side to secure. NOTE: We preload the hardware to the link in this order. When you remove the hardware make sure you place hardware back in this order.
6. With both endlinks installed, tighten all hardware to 40ft-lbs. If lower shock connection was loosened, tighten 17mm bolt securing rear shock to control arm was loosened, retighten to 70ft-lbs.
7. Failure to install spacers in correct order or orientation will void the warranty.
8. Continue installing endlinks to opposite side of car following the same directions as above.