



## INSTALLATION INSTRUCTIONS

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### 4956 REAR CAMBER ARM HONDA RIDGELINE

**Thank you for being selective enough to choose our high quality BELLTECH PRODUCT. We have spent many hours developing our line of products so that you will receive maximum performance with minimum difficulty during installation.**

- Note:** Confirm that all of the hardware listed in the parts list is in the kit. **Do not** begin installation if any part is missing. Read the instructions thoroughly before beginning this installation.
- Warning:** **DO NOT** work under a vehicle supported by only a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.
- Warning:** **DO NOT** drive vehicle until all work has been completed and checked. Torque all hardware to values specified.
- Warning:** This install **requires specialty tools** and may require being taken to an alignment shop for proper installation
- Reminder:** Proper use of safety equipment and eye/face/hand protection is absolutely necessary when using these tools to perform procedures!
- Note:** It is very helpful to have an assistant available during installation.

#### **RECOMMENDED TOOLS:**

- Properly rated floor jack, support stands, and wheel chocks
- Combination wrench set
- Torque wrench: *0-300 lb ft. range*
- Ratcheting socket wrench and sockets sets
- Ball Joint Separator
- Safety Glasses

#### **KIT INSTALLATION**

1. Open the hardware kit and remove all of the contents. Refer to the part list (Page 2) to verify that all parts are present.
  2. Park the vehicle on a smooth, level concrete or seasoned asphalt surface and activate the parking brake. Block the FRONT wheels of the vehicle with appropriate wheel chocks; making sure the vehicle's transmission is in 1<sup>st</sup> gear (manual) or "Park" (automatic). Using a properly rated floor jack, lift the REAR wheels of the vehicle off the ground. Place support stands, rated for the vehicle's weight, in the factory specified locations. Refer to the vehicle Owner's Manual. Prior to lowering the vehicle onto the stands, make sure the supports will securely contact the chassis.
- !** It is very important that the vehicle is properly supported during this installation to prevent personal injury and chassis damage! Make sure that the support stands are properly placed prior to performing the following procedures. We **DO NOT RECOMMEND** using wheel ramps while performing this installation. Slowly lower the vehicle onto the stands and, before placing the vehicles entire weight on them, again check that they properly and securely contact the chassis as described above. Check for possible interference with any lines, wires, cables, or other easily damaged components.

## **1. CAMBER ARM INSTALATION**

- 1a) Remove the rear wheels
- 1b) Remove the ABS line from the upper arm without damaging the clip
- 1c) Remove the nut from the upper ball joint and remove the ball joint using a ball joint separator.
- 1d) Remove the inner mounting bolt and remove the stock arm.
- 1e) Preset the Belltech adjustable arm to the length of the stock arm. **Make sure the exposed threads on each end of the adjuster are equal length when setting up the Belltech adjustable arm.**
- 1f) Install the preset arm but do not tighten the inner mounting bolt. Tightening the inner bolt while the vehicle is raised may cause premature bushing wear.
- 1g) Tighten the ball joint nut to manufacturer's recommended specifications and install cotter pin.
- 1h) Reinstall wheel assembly and torque wheel lugs to manufacturer's recommended specifications.
- 1i) Lower the vehicle onto the wheels placing the weight of the vehicle on the suspension. Tighten the inner mounting bolt to manufacturer's recommended specifications.
- 1j) Reset vehicle alignment to manufacturer's recommended specifications. Adjust the camber by loosening the jamb nuts and turning the center piece.  
**Adjust no more that  $\pm 2$  degrees from the preset arm length.**
- 1k) Rotate the ABS bracket towards the rear of the vehicle and tighten the outer jamb nut, then tighten the inner jamb nut.
- 1l) Attach the abs line to the ABS bracket on the Belltech adjustable arm.
- 1m) Check all suspension components for proper clearance.
- 1n) Complete alignment and road test vehicle.

### **PART LIST FOR 4955 FRONT CAMBER BUSHINGS**

<b>PART#</b>	<b>DESCRIPTION</b>	<b>QTY</b>
4956-100	ADJUSTABLE REAR CAMBER ARMS	2