

Superior **ENGINEERING**

PREMIUM 4x4 ACCESSORIES



HABK-A-JIM02

Superior Headlight Adjuster Bracket 2-4 Inch Lift Suitable For Suzuki Jimny 05/2018 on – Installation Instructions

IMPORTANT

Please read and understand these installation instructions before beginning the installation process. Retain these installation instructions for future reference. It is recommended that this item be installed by a qualified person(s) with sound knowledge of 4x4 Steering & Suspension Geometry and/or 4x4 Accessories.

If you are unsure about any of the following steps, please contact Superior Engineering's Sales Team – (07) 5433 1411

WARNINGS

- Estimated installation time: 1-2 Hour(s)
- The following steps are the installer's responsibility.
- Ensure all parts have been received correctly and are suitable for the intended vehicle before undertaking any installation.
- Ensure sure all fasteners are tightened to the advised torque settings, and 262 Loctite is used on all threads unless otherwise specified.
- Recheck all fasteners within 500Kms of installation, and at every service interval thereafter.
- This product must be installed as per these instructions, only using the hardware supplied by Superior Engineering unless given prior written consent from Superior Engineering.
- This product is not to be fitted differently or modified in any way other than specified by Superior Engineering.
- This product is not to be used on any other vehicle than those specified by Superior Engineering.
- Once the product has been installed ensure all OE and Aftermarket components within proximity of the installed Superior Engineering component clear through the full range of your vehicle's Steering & Suspension movement.

PART(S) CHECKLIST

DESCRIPTION	QTY	IMAGE
Superior Headlight Adjuster Bracket	1	
Superior Headlight Adjuster Bracket – Bolt Kit 1x M6 x 1.0 x 16mm Hex Head Bolt 2x M6 Plain Washer 1x M6 x 1.0 Nyloc Nut	1	

TORQUE SETTINGS

SIZE	TORQUE (Nm)	TORQUE (lb.ft)
M6	13	10

CAUTION

Ensure all bolts are tightened to the correct torque setting with 262 Loctite. Re-check in 500km and at every service interval thereafter

INSTALLATION STEPS

1. Park the vehicle on a level surface and ensure it is secure. Alternatively, position the vehicle securely on a hoist, using the manufacturer's designated lifting points.
2. Review the kit's components and confirm that all parts are supplied. *Refer to the above parts checklist*
3. Locate the Factory headlight Adjustor, this can be found on the passenger side of the rear diff centre. *Refer to Figure 1*
4. Remove the OEM hardware and bracket from the diff and headlight adjustor rod. Retaining the OEM hardware for later use. *Refer to Figures 2 and 3*
5. Position the supplied Superior Engineering Headlight Adjuster Bracket in the factory location and tighten it using the OEM hardware and the supplied *M6 x 1.0 x 16mm Hex Head Bolt, M6 Plain Washer, and M6 x 1.0 Nyloc Nut*. *Refer to Figure 4*
6. Reinstall the headlight adjustor rod on to the Superior Engineering Headlight Adjuster Bracket and tighten using the OEM hardware. *Refer to Figure 5*
7. Check over all work and ensure that they are tightened to the manufactures recommended torque settings.
8. Slowly move the suspension through its full range of motion, ensuring the headlight adjustor rod does not bind or bend during articulation.

The vehicle may require headlight calibration by a qualified mechanic. Failure to do so may result in poor visibility or incorrect headlight positioning, potentially increasing the risk of an accident and rendering the vehicle unroadworthy

9. Conduct a test drive, checking that the headlights work and function correctly. If any issues arise, inspect the installation and address any concerns. *Refer Figures 6 and 7 for final fitment example*

REFERENCE IMAGES

FIGURE 1



FIGURE 2



FIGURE 3



FIGURE 4



FIGURE 5

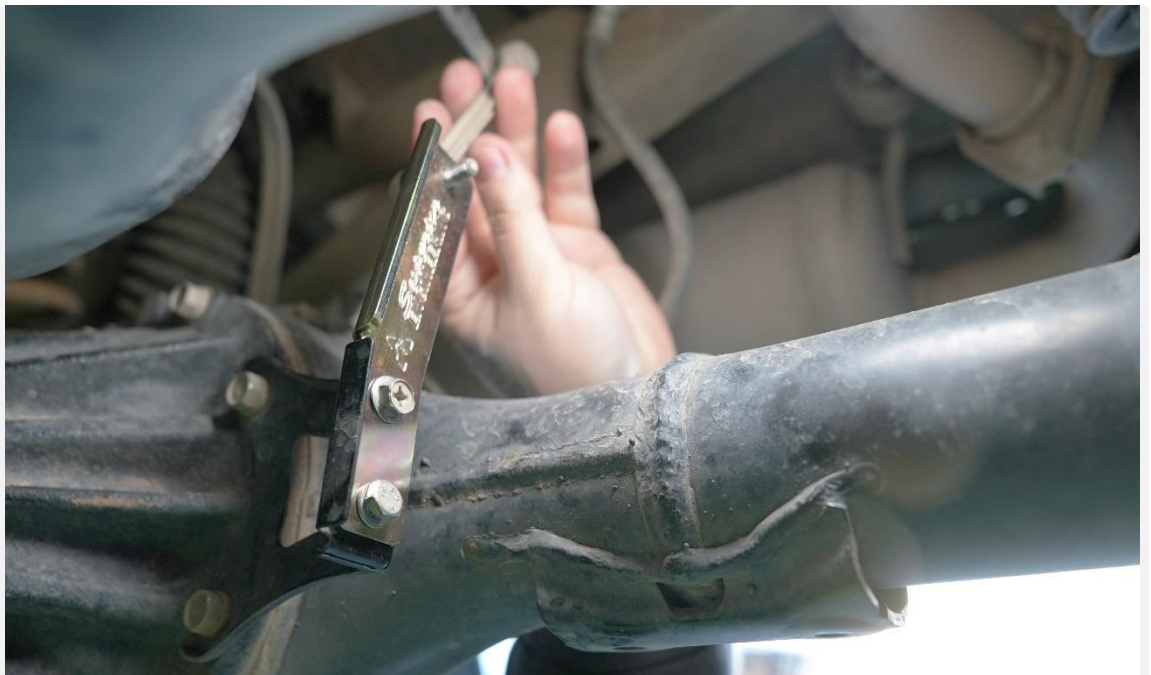
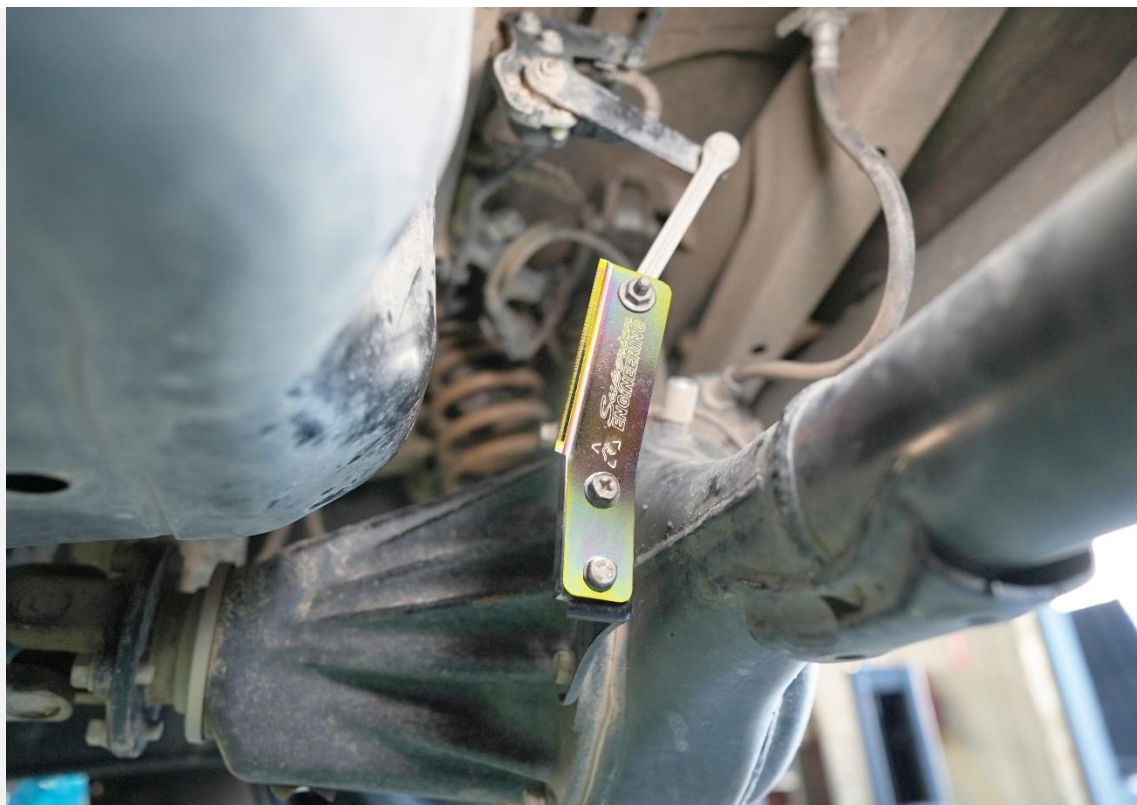


FIGURE 6



FIGURE 7



CONTACT DETAILS

Superior Engineering
8 Chrome Court, Burpengary
4505 QLD Australia

(07) 5433 1411
sales@superiorengineering.com.au

HABK-A-JIM02

Superior Headlight Adjuster Bracket 2-4 Inch Lift Suitable For Suzuki Jimny 05/2018 on – Installation Instructions