Superior ENGINEERING

PREMIUM 4x4 ACCESSORIES



BSEX-X-LCR17

Superior Gen 2 Billet Series 6061 - T6 Alloy Bump Stop Extensions 25/50/75mm Suitable For Toyota LandCruiser 76/78/79/80/105 Series Rear – 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 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.

BSEX-A-LCR17 - PART(S) CHECKLIST

DESCRIPTION	QTY	IMAGE
Billet Series Bump Stop Extensions 25mm	*2*	
Billet Series Bump Stop Extensions 25mm – Bolt Kit ***4x** M8 x 1.25 x 55mm Socket Head Bolt* ***4x** M8 Spring Washer* ***4x** M8 Plain Washer*	*1*	

BSEX-B-LCR17 - PART(S) CHECKLIST

DESCRIPTION	QTY	IMAGE
Billet Series Bump Stop Extensions 50mm	*2*	
Billet Series Bump Stop Extensions 50mm – Bolt Kit ***4x** M8 x 1.25 x 80mm Socket Head Bolt* ***4x** M8 Spring Washer* ***4x** M8 Plain Washer*	*1*	

BSEX-C-LCR17 - PART(S) CHECKLIST

DESCRIPTION	QTY	IMAGE
Billet Series Bump Stop Extensions 75mm	*2*	
Billet Series Bump Stop Extensions 75mm – Bolt Kit ***4x** M8 x 1.25 x 110mm Socket Head Bolt* ***4x** M8 Spring Washer* ***4x** M8 Plain Washer*	*1*	

TORQUE SETTINGS

SIZE	TORQUE (Nm)	TORQUE (lb.ft)
M8	25	18

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

STEP 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.

Review the kit's components and confirm that all parts are supplied. ***Refer to the above parts checklist***

STEP 2

Remove the rear wheels from the vehicle and unbolt the OEM bump stop as per the vehicle's workshop manual.

79 SERIES 10/2016+ SINGLE CAB IMPORTANT NOTE!

On the 10/2016+ Single Cabs, the Rear Bump Stop has a small tab that sits "proud" of the bump stops upper mounting surface.

Ensure the machined relief on the supplied *Billet Series Bump Stop Extension* is positioned over this tab.





STEP 3

Position the supplied *Billet Series Bump Stop Extension* on top of the OEM bump stop and reinstall onto the vehicle, securing it using the supplied *Bolt Kit* matching your *Bump Stop Extension* size.

STEP 4

Tighten all hardware to the torque settings outline in the *Torque Settings* table above.

STEP 5

Cycle the suspension, checking the bump stop is sufficient for the shock length being run. If any issues arise, inspect the installation and address any concerns.

FINAL FITMENT EXAMPLE



CONTACT DETAILS

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