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10mm & 12mm Universal Sway Bar Link Kit

For replacement of OE (Original Equipment) sway bar links or fitment with a replacement sway

We recommend the below work be carried out by a licensed workshop or trades person, where a workshop manual and relevant safety procedures are followed:

- Ensure all sway bar link pins are in a neutral position for maximum operational articulation – refer images below.
- For vehicles with equal length OE links on each side, both sway bar links must also be of equal length to ensure ball ends are in a neutral position;
- If possible, set the adjustable sway bar links with the vehicle on all four wheels positioned at static ride height on a flat surface, then neutralise lengths. DO NOT Attempt to "preload" the sway bar, this may result in component failure;
- The sway bar link is designed to be the failsafe if incorrect adjustment occurs and this component will fail, instead of chassis or strut mountings.

To Install:

- Remove the OE sway bar link pin assembly, following all workshop safety procedures.
- Measure the length of the OE link measuring from centre of ball end to centre of ball end, this is used as a baseline for the Universal link.
- Take note of the pin orientation, are they, in line, 180 degrees opposed, 90 degrees opposed etc. If unsure, refer images below of pin orientations.
- Using the diagram on the back of this page, cut the link to length using a hack-saw or grinder, ensure to have the lock nut in place during cutting to allow for a simple clean-up of threads. To do this simply unwind the locknut off the threaded rod and wind it back on.
- Apply a small volume of thread retaining compound, Loctite 243 or similar, to the threaded end and screw it into the Loose ball end, winding it all the way down till it stops, then unwinding to match the pin orientation to the OE part. Finally Tighten the lock nut to the ball end.
- Refit to vehicle, ensuring the ball ends are always in a neutral position to ensure maximum articulation;
- Tension ball end nuts (**44Nm if M12, 28Nm if M10)** with a torque wrench, after tensioning at least 2 threads should be seen past the nut:

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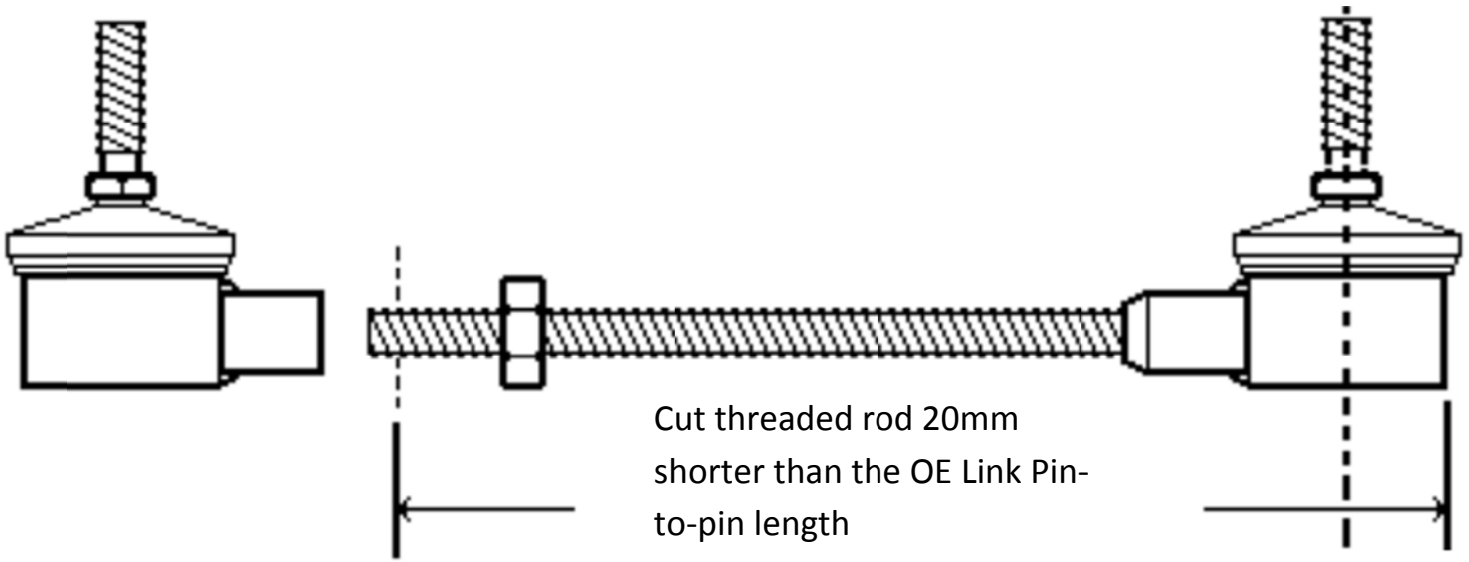
Bad Link Pin Angle *Neutral Link Pin Angle*

180 Degree Opposed pins 90 Degree pins Inline pins

- After Measuring the OE Pin to Pin Centreline length, the new universal fit link can be cut to length, measuring as shown diagram below mark the cut point;
- Cut the threaded section **20mm shorter than the OE Pin-to-Pin length**
- Using a Angle Grinder or Hacksaw, cut on the cut line. Ensure the Lock nut is threaded on the link, it is used to assist in deburring the threads by winding it off;
- The tolerance for this cut is +2mm -2mm I.e. If the Cutting length is 281mm, the actual cut length can be between 279mm and 283mm



Instructions
Rear Swaybar Kit

N.B: This instruction sheet should be used in conjunction with the workshop manual and proper safety procedures followed.

Application - Toyota Hilux 2015 - on

(Refer current catalogue listing)

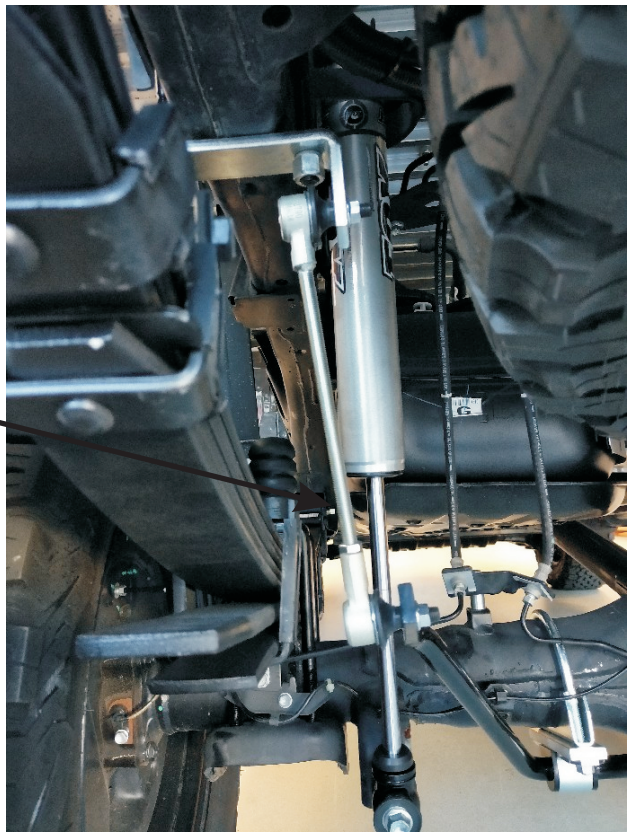
• Start by hanging supplied square U bolts over chassis rail.

• Note position similar to mud flap.

• Careful of wiring on RHS chassis rail.

• The removal of the wheels may help here.

Note - swaybar link can be adjusted to any length to suit your vehicles ride height. Confirm link in near 90 degrees to swaybar at ride height.



• Place supplied link bracket over U-bolt. Followed by supplied spring washers and nuts.

• Start nuts but do not tighten yet.

• Hang supplied swaybar link as per image.

N.B: It is recommended that a licenced workshop or tradesperson carry out the above procedure and that workshop manual and relevant safety procedures are followed in addition to the above.

Instructions
Rear Swaybar Kit

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Application - Toyota Hilux 2015 - on
(Refer current catalogue listing)

• Hang round U bolts over Axle.

Careful of brake lines

• Proceed by position supplied D Mount bushings on swaybar.

• Position swaybar blade ends over swaybar link (lower stud).

The middle link hole is recommended

• Place supplied steel saddle over D bushing.

• Proceed by fitting supplied Axle bracket and flat plate over U-bolts.

• Mount steel saddle to U-bolts too.

• Check swaybar position when vehicle is at normal ride height.

• Tighten all nuts.

• Re-check after 100kms

N.B: It is recommended that a licenced workshop or tradesperson carry out the above procedure and that workshop manual and relevant safety procedures are followed in addition to the above.