



FITTING INSTRUCTIONS

VEHICLE Isuzu RG D-Max 2019+ / MUX 2020+
Mazda BT-50 2020+

PRODUCT Upper Control Arms

PN# UCA4727D

NOTE Ensure vehicle has a wheel alignment immediately after installation.
Failure to do so may result in poor drivability and/or uneven tyre wear.

IMPORTANT NOTE

The H/D Ball joints fitted to Blackhawk UCA's have been manufactured in the Hard-to-Hard style and require regular greasing.
PLEASE ENSURE YOU GREASE THE BALLJOINTS AT FITMENT & AT REGULAR SERVICE INTERVALS.

Hardware Supplied:

- Left Hand Upper Control Arm Assembly x 1
- Right Hand Upper Control Arm Assembly x1
- 22mm Nyloc Nut x2

Tools Required:

- Sockets and spanners: 10mm, 2 x 19mm, 22mm
- Pliers
- Hammer

1. Lift vehicle using hoist or jacks and support appropriately.

2. Remove wheels.

3. Undo and retain the two 10mm head bolts and nut that secure the ABS lead brackets to the upper control arm and the chassis.

4. Remove the upper ball joint split pin and undo the 22mm nut securing the upper ball joint to the steering knuckle. Leave the nut on the last few threads and do not remove yet.

FAILURE TO DO SO MAY DAMAGE THREAD.

5. Strike the steering knuckle using a large hammer or mallet to shock and release the ball joint taper (**Image 1**). Now remove the nut and release the knuckle from the upper arm. Be careful not to let the knuckle over-extend the brake line or driveshaft. Secure the knuckle in place as necessary.

6. Remove and retain the two 19mm head upper control arm bolts (**Image 2**) and remove the upper control arm from the vehicle.

7. Grease new upper control arm ball joints on the bench before fitting to vehicle. If the ball joint does not accept grease, articulate and rotate the ball stud to allow grease passage through the joint.



IMAGE 1



IMAGE 2



blackhawk4x4.com

Roadsafe - A Division of Specialist Wholesalers Pty. Ltd.

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- 8.** Fit Blackhawk upper control arms to vehicle using the original bolts removed in step 6.

DO NOT TIGHTEN THE 19MM HEAD UPPER CONTROL ARM BOLTS AT THIS STAGE.

- 9.** Connect ball joint to steering knuckle, fit new supplied 22mm Nyloc Nut and tighten.

- 10.** Take the ABS lead and remove the fir clip from the steel mounting plate (**Image 3**). Remove mounting plate and store with the old upper control arms.

- 11.** Re-attach the ABS lead to the chassis and upper control arm using the original bolts. Connect fir clip to the mounting provision in the upper control arm (**Image 4**).

- 12.** Refit wheels and lower car to the ground. Jounce vehicle several time to settle the suspension to ride height.

- 13. NOW TIGHTEN UPPER CONTROL ARM BOLTS TO MANUFACTURERS SPECIFICATION.**

- 14.** Torque wheel nuts to manufacturers specifications

- 15.** Check wheel to rear of guard clearance on vehicles with large tyres.

- 16.** Wheel align vehicle with camber as a priority. Post fitment will see $\frac{3}{4}$ degree increase in negative camber and a 2 degree caster increase.

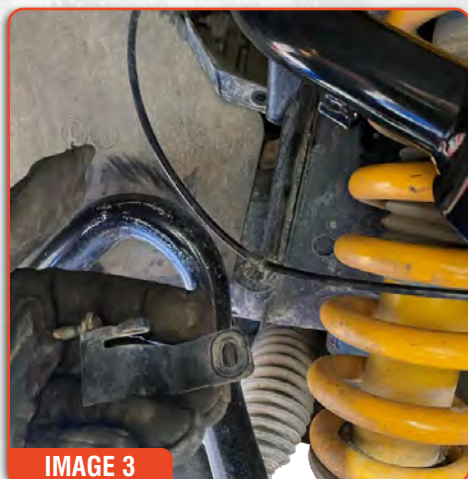


IMAGE 3

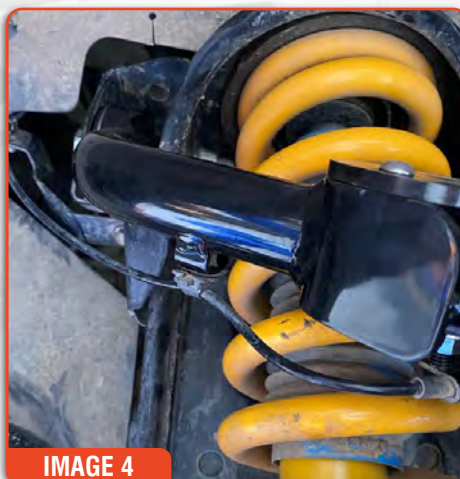


IMAGE 4



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