



FITTING INSTRUCTIONS

- VEHICLE** Mitsubishi Triton MQ, MR /
Pajero Sport QF, QE
- PRODUCT** Upper Control Arms
- PN#** UCA4729Q
- 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

PLEASE ENSURE HD BALL JOINTS ARE GREASED PRIOR TO FITMENT.

Tools Required:

- 12mm socket & spanner
- Pliers
- Hammer
- Prybar
- 21mm socket & ½ inch rattle gun
- 22mm spanner
- Loctite

Hardware Supplied:

- UCA Assembly x2
- Droop Stop Spacer x 2
- M8*1.25 25L x4
- FIR Clip x6
- Zip Tie x6

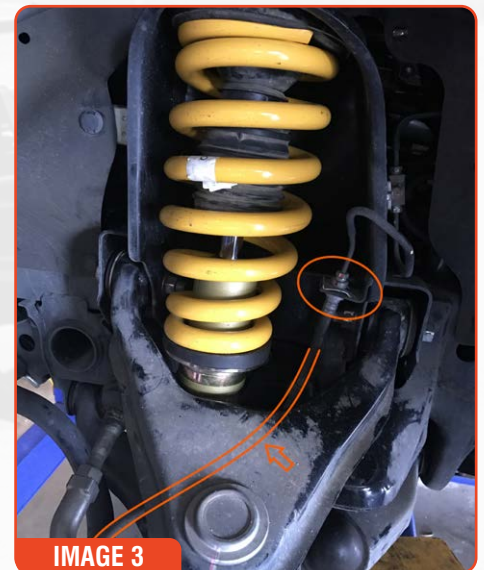
1. Jack up vehicle and support on appropriate jack stands

2. Remove front wheels

3. Remove ABS wiring bracket from underside of UCA (**image 1**)
Remove the sheet metal retainer plate from the ABS wiring and discard

4. Remove the headlight levelling rod (**image 2**). Discard small retaining bracket.

5. Remove the (2) brake hose retaining clips. One of the clips is located underneath the UCA (**image 3**).
Remove brake hose from UCA



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.

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6. Remove split pin and loosen ball joint nut
Do not remove nut fully at this stage
7. Strike the hub assembly around the ball joint to shock the taper free of the steering knuckle **(image 4)**.
8. Raise the LCA up with a jack to relieve the pressure from the UCA droop stop.
9. Remove the ball joint nut and remove UCA from hub assembly.
10. Remove the (2) bolts holding the UCA to the chassis and remove the UCA from the vehicle **(image 5)**.
11. Change over the droop stops to the Blackhawk UCA – Be sure to use Loctite on these bolts. **(Image 6)**
 - a. To retain factory droop stop position, fit the supplied droop stop spacers.
 - b. In some applications where increased droop is desired, these spacers can be removed.
12. Grease new ball joints before fitting to vehicle. If the ball joint does not accept grease, articulate and rotate the ball stud by hand until the joint accepts grease.
13. Fit new Black Hawk UCA into vehicle and fit (2) mounting bolts
Upper control arm may contact strut when first fitted. This will be rectified during wheel alignment
Fit nuts but DO NOT tighten. Tightening of these bolts will be done at road height



IMAGE 4



IMAGE 5



IMAGE 6



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Mazda BT-50 2020+
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- PN#** UCA4727D
- NOTE** Ensure vehicle has a wheel alignment immediately after installation.
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IMPORTANT NOTE

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14. Align ball joint into hub assembly and fit nut
15. Tighten ball joint and fit supplied split pin
At this stage you can now lower the LCA and remove the jack
16. Fit brake hose and retaining clips
17. Fit supplied fir tree zip ties and secure ABS wiring
Ensuring the wiring can't catch any steering components
18. Fit headlight leveling rod
19. Re-fit front wheels
20. Lower vehicle back on the ground and bounce on the front to "settle" the suspension to ride height.
21. **NOW TIGHTEN UPPER CONTROL ARM BOLTS TO MANUFACTURERS SPECIFICATION**
22. Torque wheel nuts to correct Torque settings
23. Check tyre to guard clearance on vehicles with large tyres
24. Wheel Align vehicle with camber as the priority, making sure to maintain strut to upper control arm clearance and any tyre to guard clearance requirements



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