| Fitment | Part Number |
|---|---|
| ISUZU DMAX / MAZDA BT50 2020 on | UCA21-216k |

# *Install Instructions*

***NOTE – Installation is always recommended by a competent technician. Failure to properly install may result in drive and steering issues and may damage other components.***

**WARNING:**

**• Care must be taken to ensure non-OE strut lengths do not cause interference or excessive articulation of the ball joint and CV's. A Dobinsons Diff Drop Kit may be required if binding is found.**
**• The ball joint assembly must operate without binding throughout the full range of travel (including bump).**
**• Operation outside of the working range may cause damage to the arm and could result in component failure, Warranty may also be voided.**

| Size | Torque (Nm) | Torque (ft-lb) |
|---|---|---|
| M10 | 49 | 36 |
| M12 | 85 | 64 |
| M14 | 135 | 96 |

**INSTALLATION PROCEDURE:**

1. Start with the vehicle on a hoist and safely supported.

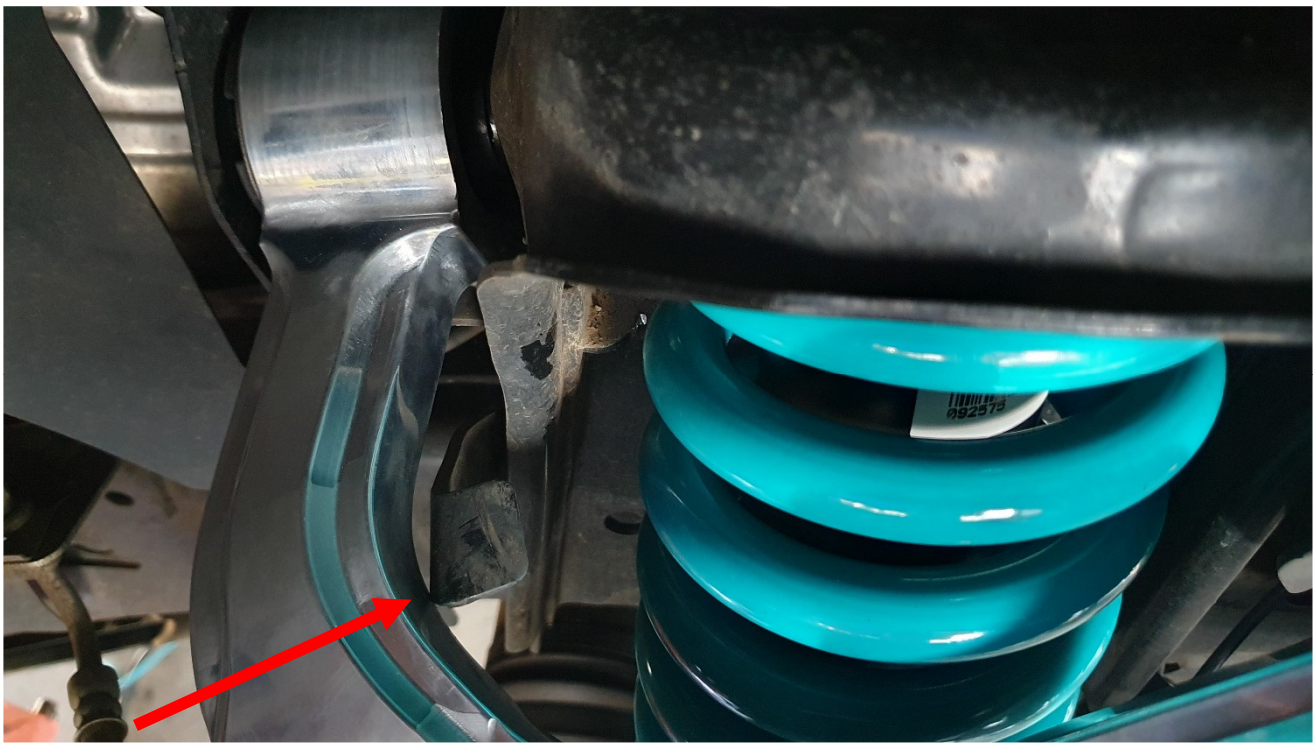
2. Remove the OE upper control arms as per the vehicle service manual, ensuring that the location of each washer and nut is kept in sequence for reassembly. **NOTE: Retain the OE fasteners that attach the UCA to the chassis as these will be reused.**

3. Install the OEM or supplied ball joints to the Dobinsons UCA using the cap head bolts, washers any nyloc nuts supplied.

4. Install the abs line brackets supplied with the small bolts and spring washers supplied. Note the Left and right arms and orientation



5. Using OE bolts loosely bolt the Dobinsons UCA into the OE chassis mounts, using the Left and Right arms. Check the rearward upper arm top out stopper clearance. this bracket this will have to be bent just slightly forward to clear the uca at full droop – double check this at droop.



Dobinsons Springs and Suspension
Hollingsworth Street
Australia/USA/UAE

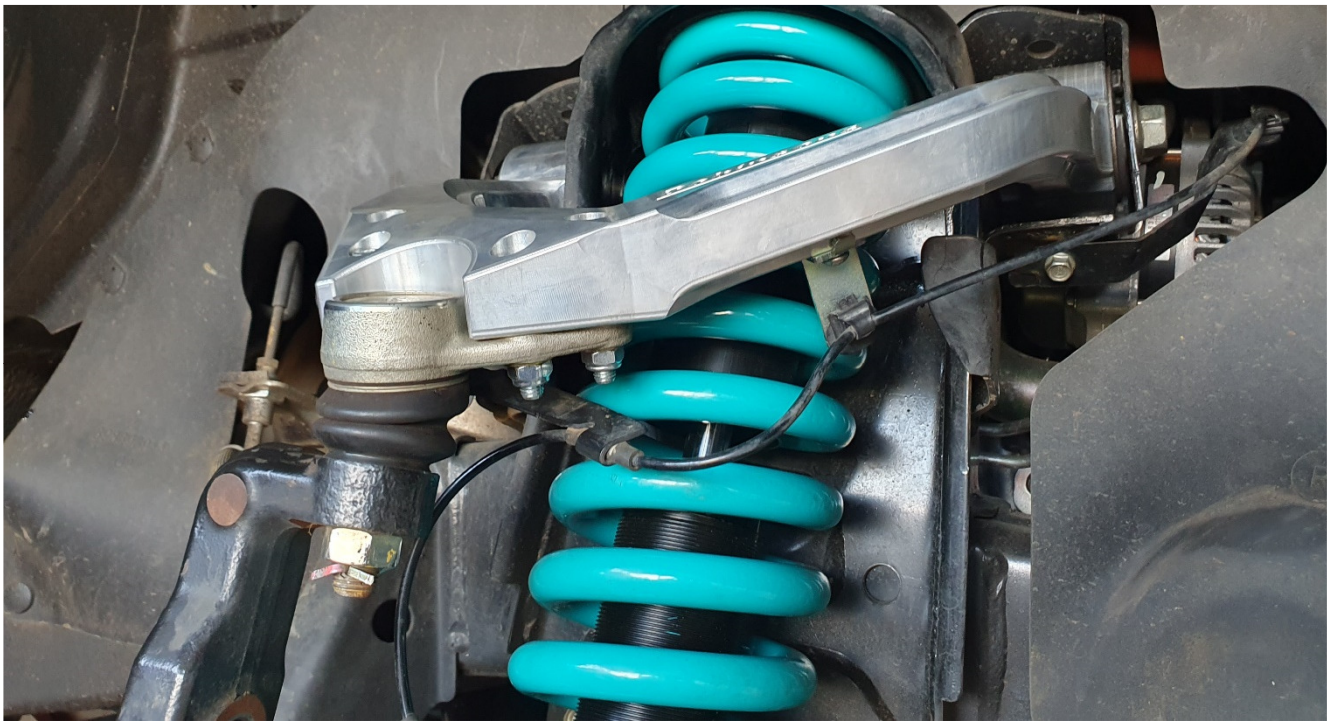
58 Hollingsworth Street
NORTH ROCHAMPTON QLD AUSTRALIA
admin@dobinsonsprings.com

6. By moving the UCA through the normal range of movement, check the arm does not foul on any components.

7. Hold the arm up so that the top of the balljoint is around 190-200mm from the inner guard and tighten the mounting bolts. This puts the arm in an approximately neutral position to allow travel in both compression and rebound without damaging the bushes.



10. Install the abs line as shown.  Reinstall all remaining components and wheel.



11. Have the vehicle wheel alignment completed by a qualified professional.

