

Installation Instruction Sheet

KCA364

Toyota Celica ZZT231, roll couple adjustment kit. (Refer catalogue for exact listings.)

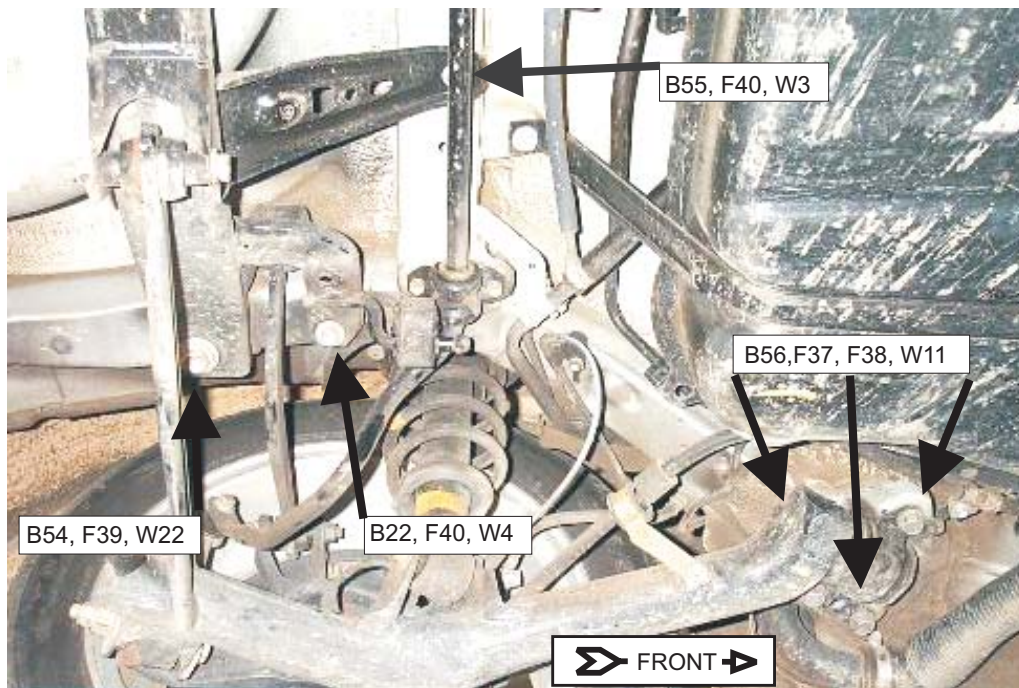
KCA364 - roll couple adjuster kit is designed to increase the rear roll couple by lowering the rear roll centre. This greatly reduces the inherently "nervous" or "twitchy" vehicle behaviour associated with an artificially small roll couple as configured on this vehicle. Fitment of this kit allows for a more controllable and predictable rear suspension response and tuning potential. In simple terms, base handling becomes more benign and predictable and establishes a better base point for further improvements using springs, swaybars etc. Resultant overall handling potential is significantly higher.

Contents:

- Aluminium spacers;
 - 2 * round 25mm OD x 12.5mm ID x 12mm thick [F37].
 - 2 * 85mm long x 25mm wide x 12mm thick, 3 hole [F38].
 - 2 * 50mm x 40mm x 12mm thick [F39].
 - 4 * round 25mm OD x 10.5mm ID x 12mm thick [F40].
- Bolts;
 - 2 * M8 x 30mm long [B22].
 - 2 * M14 x 1.5 x 90mm long [B54].
 - 2 * M10 x 1.25 x 60mm long [B55].
 - 6 * M12 x 1.25 x 45mm long [B56].
- Washers;
 - 6 * M12 x 24mm [W11].
 - 2 * 14.3 x 31.75mm [W22].
 - 2 * 3/8 x 7/8 [W3].
 - 2 * 5/16 x 3/4 - [W4].

Installation instructions.

- Fitment is best done on a drive-on hoist with a secondary lift/jacky. Alternatively, portable jack and safety stands can be used.
- Raise the vehicle off the ground, support on safety locks or car stands, and remove road wheels.
 - Remove rear exhaust section and rear exhaust muffler heat shield.
 - Support rear cross-member and loosen only all 6 mounting bolts. Remove 2 middle and 2 outside bolts on one side only, lower the cross-member on this side enough to fit aluminium blocks and new bolts supplied, [B54, F39, W22] & [B55, F40, W3].
 - Repeat on the opposite side.
 - Fit 2 spacers and 2 new bolts in the middle mounts, [B22, F40, W4].
 - Remove 3 bolts supporting rear lower control arm-front mount. Fit spacers and new bolts, [B56, F37, F38, W11].
 - Repeat on the opposite side.
 - Tighten all fittings.
 - Refit exhaust muffler heat shield and rear exhaust section.
 - Tighten all mounting hardware to manufacturers specification.



Note: Please drive carefully while you accustom yourself to the changed vehicle behaviour.

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