

Supplementary Fitting Instructions 1K4005C

WHITELINE

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Flat out

Code: Z283

IMPORTANT: Whiteline Group 4 shock/strut kits are designed for race or off-road use but may be used on-road depending on specific vehicle registration regulations in your area. Extreme care must be taken when adjusting ride height to ensure correct operation of the suspension and any adjustments are at the owners own risk. It is recommended that installation and adjustment be carried out by qualified suspension and chassis specialists.

NOTE: Ride Height denotes adjustment range available only. It is NOT a height setting recommendation.

| Part No. | Application | | | | | Note | Ride height +/- (1) | | | | Spring Rate | | | | Upper mount (2) | |
|----------------|-------------|-----------|-------|---------|-----------------|-------|---------------------|-------|------|------|-------------|--------|-------|--------|-----------------|------|
| | Make | Model | Year | Chassis | | | Front | | Rear | | Front | | Rear | | Front | Rear |
| | | | | | | | mm | inch | mm | inch | kg/mm | lbs/in | kg/mm | lbs/in | | |
| 1K4005C | Holden | Commodore | 97-04 | VT-VY | sedan incl. HSV | < -60 | -2.4 | ~ -45 | -1.8 | 6.5 | 364 | 7.8 | 437 | OEM | OEM | |

Footnote:

(1) Range of ride height change. "<" indicates lowering range, or "~" indicates amount of drop
 Example: "< -60" indicates up to 60 mm lowering
 OR "~ -45" indicates average drop 45mm +/- 10 mm (non-adj)

(2) OEM - use stock strut top
 AB - supplied with adjustable top mount
 B - supplied with non-adjustable top mount

Contents:

- 1) 2 x Front struts. Ride height and shock valve adjustment, sway bar attachment bracket height adjustment. (Use OEM strut top mount).
- 2) 2 x Rear shock absorbers. Shock valve adjustment.
- 3) 1 pair of Whiteline Flatout rear lowering springs.
- 4) 2 x Rear spring seat pad - 12mm raise.
- 5) 1 x Group'4 tool kit.

Fitting instructions:

1. Raise the car, and support on chassis safety stands, and remove wheels.
2. Remove OEM front and rear struts, springs and shocks as per normal manufacturers instructions.
CAUTION; To avoid injury during removal of front and rear springs, use appropriate tools to release spring compression.
3. Fit Group'4 kit reusing OEM front strut top mount and bearing assembly and rear shock top mounting assembly.
4. Tension all fittings, refit wheels, lower the car, and test drive.
5. Disconnect front sway bar links.
6. Adjust front and rear ride height to desired level. Rear is limited to two ride height settings - approx. 350mm (with spring pads) OR approx. 335mm (without spring pads). These are indications only, results can vary up to +/-15mm between individual cars and depend on final wheel alignment settings.
7. With the car at the desired ride height, adjust the height of front sway bar link strut brackets so that there is no preload of the sway bar, and adequate sway bar clearance is maintained. Position the sway bar strut bracket slightly rotated towards the back of the car (6 degrees), and lock with two lock rings.
8. Fitment is complete. Check and adjust wheel alignment settings as required.

WARNING: Group 4 mount bracket is of an extra heavy duty design however we discourage modification or elongation of clevis bracket mounting holes for camber adjustment. This process will weaken ANY strut mount bracket that can result in adjustment mount slip and premature bracket failure. Use alternate means to adjust camber.

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