

WHITELINE PLUS

VE COMMODORE SOLUTIONS CASTER CORRECTION & LOCK KIT

On VE Commodores the chassis mounting point of the front lower front control arm (radius rod/arm) is located inside long horizontal slots. The vehicle from factory has two locating shims, which are found to be inadequate in locking the front control arm into position and allows slippage/movement to occur as there is free play between the shim and chassis tabs. This can also occur if the bolts are not extremely tight, or by simply clipping a curb, roundabout or pot hole. These slots are used for caster adjustment whilst aligning the vehicle. Moving the control arm at this point alters the vehicle's static and dynamic caster settings, so it is critical that it is aligned and located correctly. SOLUTION!!!!!!



W53152 Front caster correction & lock washer kit.

The kit contains 4 x specially profiled locating washers to fit snug into the horizontal slots to reposition the lower control arm at the maximum caster setting by 3/4deg above factory, and eliminating the slip/movement. The kit can be used with the original bushes or **WHITELINE PLUS # W83160** replacement bush kit.



TOE & BUMP STEER CORRECTION & LOCK KIT

On VE Commodores the chassis mounting point of the adjustable rear toe arm is located inside a long horizontal slot that allows for 14mm of lateral movement. Moving this point affects the bump steer characteristics, so it is critical that it is positively located and locked in the desired position. As the toe link arm is adjustable, these slots are not required to correctly wheel align the vehicle. However slippage can occur if the bolts are not tight, or by simply clipping a curb or roundabout. An incorrect toe setting can cause uneven and rapid tyre wear and in some cases an unstable and unpredictable vehicle. SOLUTION!!!!



W63175 Rear toe & bump steer correction kit

Utilises specially designed locating washers to positively lock the rear toe link. They correct the vehicle's toe/bump steer characteristics by the way the toe link is mounted in relation to the chassis slot. The kit includes 4 x specialty washers which can be used with the original bushes.



For optimum toe settings, **WHITELINE PLUS** recommends the washers and mounting bolts be located towards the outer point of the chassis slots, this results in a vehicle that is very stable and predictable with minimal toe changes as the suspension travels between squat and lift (acceleration to braking).

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