

Mid-laden Condition

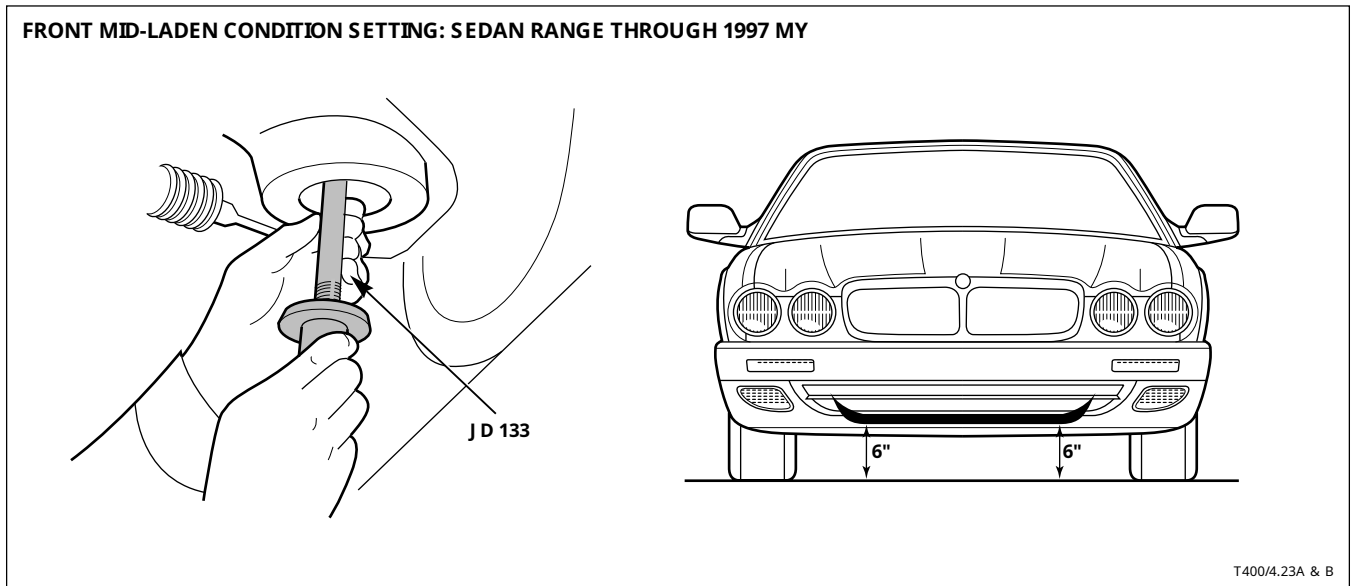
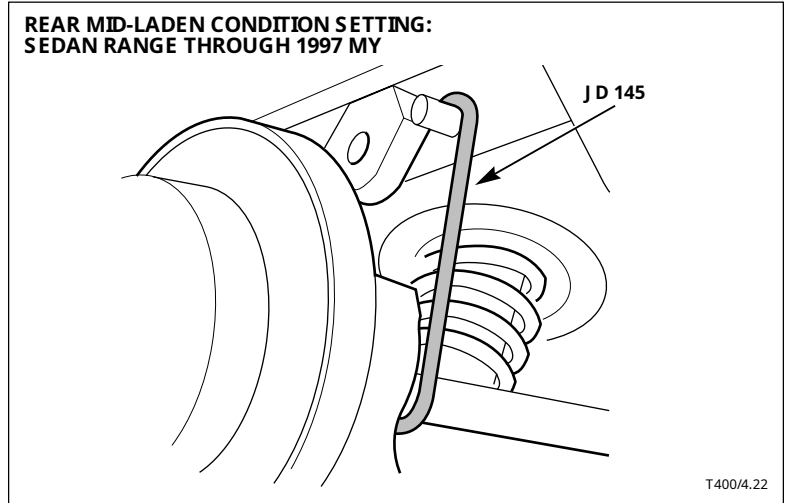
The wheel alignment of Sedan Range through the 1997 MY and XJ S vehicles is checked in the "mid-laden" condition. Mid-laden condition is achieved through the use of special tools to compress the suspension, setting the vehicle to a specified height.

Mid-laden condition: Sedan Range

The mid-laden condition for Sedan Range vehicles is specified as follows: the rear drive shafts are horizontal and the front suspension subframe is at a height of 6 in. to the road surface.

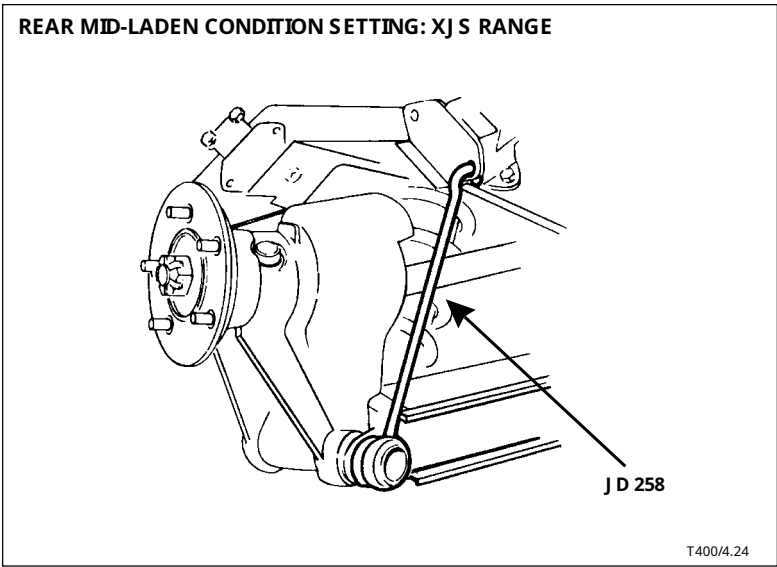
With the vehicle resting on sliding wheel plates, tool J D 145 is installed at the rear with the large hook located around the drive shaft. After careful compression of the rear suspension, the small or upper hook is then attached to the top of the compression stop.

Next, tool J D 133 is used to compress the front suspension until the measurement between the wheel plates and the bottom of the subframe is 6 in. on both sides.



NOTES

Mid-laden Condition (continued)



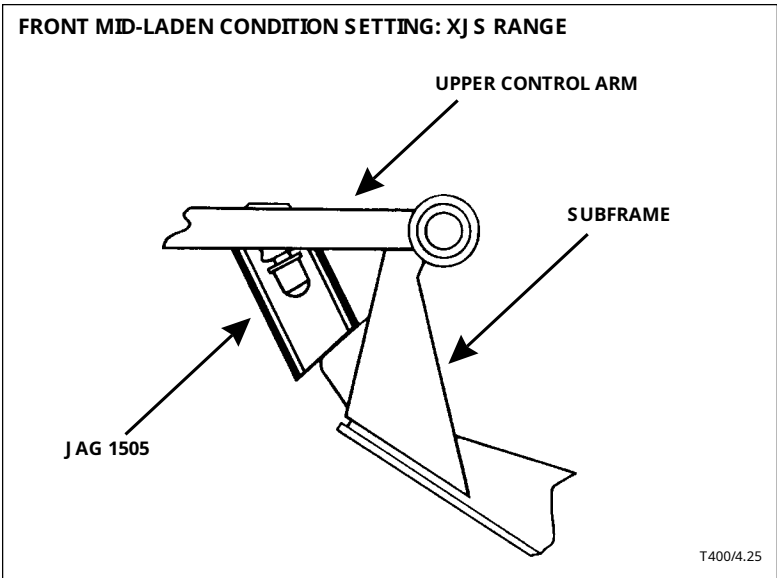
Mid-laden Condition: XJ S Range

The XJ S mid-laden condition is achieved by the installation of two sets of special tools.

With the vehicle resting on sliding wheel plates, tool J D 258 is installed at the rear with the hook located in the hole in the subframe rebound plate. After careful compression of the rear suspension, the lower loop is then fitted over the lower control arm pivot nut.

Next, tool J AG 1505 is placed between the upper "A" arm and the subframe rebound stop as the front suspension is compressed.

NOTE: XJ R-S vehicles do not require the use of "mid-laden" tools for wheel alignment.



NOTES