

INSTRUCTIONS FOR FORD SPORT UTILITY CASTER/CAMBER TOOL

2002 and newer Ford Explorer

2002 and newer Mercury Mountaineer

Beginning with the 2002 model year Ford Explorer and Mercury Mountaineer front upper control arms are locked within the frame bracket by four factory installed fixed plates (2 per side) See **Figure No. 1**.

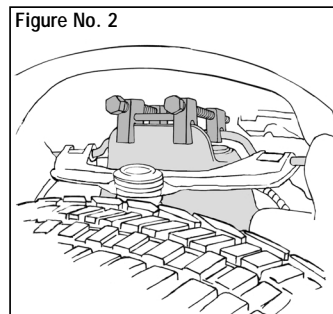
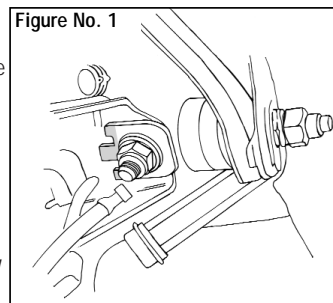
The plates must be removed and replaced with washers to allow for adjustment of the control arm within the frame slot (contact your alignment products supplier).

NOTE: Prior to checking alignment readings, ride height must be checked and reset if necessary. Refer to shop service manual for proper procedure.

1. Perform pre- alignment check for worn or damaged parts. Check Tire pressure and adjust as needed.
2. Install alignment equipment and take initial readings to determine amount of change needed.
3. Raise vehicle in a safe manner **Note: Vehicle must be supported under the lower control arms with appropriate safety devices.**
4. Remove tire & wheel assembly.
5. Remove both "square" factory fixed plates (on each shaft assembly-2 per side).
6. Install new washers and loosely install locking nuts but do not tighten at this time.
7. Install tire and wheel assembly recompensate alignment equipment.
8. Install alignment tool having front blocks attach to coil spring tower and back adjusting blocks attached to control arm shaft assembly See **Figure No. 2**.

NOTE: For positive camber adjustment rotate adjustment bolts equally; counter clockwise. For negative camber adjustment rotate adjustment bolts equally; clockwise.

9. Rotate adjusting bolts as needed to achieve caster/camber per vehicle specifications.
10. With alignment tool holding control arm in place; tighten upper arm shaft assembly nuts to factory specifications.
11. Proceed with the rest of the alignment; set toe and road test vehicle.



Ford Explorer Tool inst. sheet
95-193-0901

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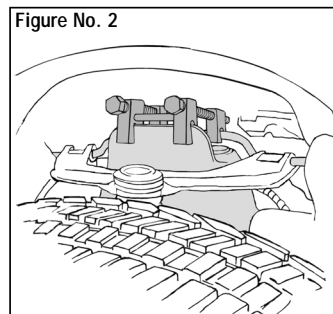
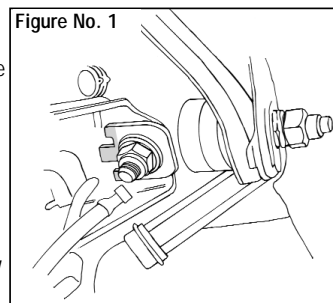
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