

Bulletin ServiceLinkSM



SERVICE TIPS FOR THE PROFESSIONAL TECHNICIAN

Bulletin SL9-97

K8674 CAMBER/CASTER ADJUSTMENT KIT 1995-97 FORD SPORT UTILITY VEHICLES 1995-97 EXPLORER, 1997 MOUNTAINEER

In 1995 Ford introduced a new suspension design incorporating torsion bar springs with upper and lower control arms. This type suspension is used on some light trucks and sport utility vehicles. The vehicle can be two or four wheel drive. The upper control arm connection to the frame uses a cam bolt with a "square alignment plate" on the opposite side of the cam bolt, Figure 1. The square alignment plate must be replaced with a cam using the same configuration as the cam bolt in order to adjust camber and caster.

The K8674 camber-caster adjustment kit is for the Ford Explorer and Mercury Mountaineer using the cam configuration shown in figure 2. The kit contains two cams and two lock nuts which is sufficient to do one side of the vehicle.

Support the vehicle by the lower control arm with the lifting device as close to the wheel as possible to unload the torsion bar and remove load from the upper control arm. Remove the factory installed alignment plates (two per side).

Install the new cams so the washer faces the cam bracket. The washer provides clearance so the cam will not bind against the cam guides, figure 2.

Snug up the cams in position using the locking nuts supplied in the kit. Do not reuse the original nuts. After camber and caster are adjusted to the desired setting torque the locking nuts to 80-115 foot pounds.

