

RENAULT

Inspect ball joints for wear or excessive play. Replace ball joints as necessary. See *Renault* in *SUSPENSION* Section.

SAAB

Check ball joints for excessive play or looseness. Replace components as necessary.

SUBARU

Check ball joints for excessive play or looseness. Also check rubber boot for damage. Replace components as necessary.

TOYOTA

Celica, Corolla, 2-WD Pickup & Supra – Check vertical play of ball joints. If vertical play exceeds .091" (2.3 mm) on 2-WD Pickup, replace ball joints (upper and/or lower). If vertical play exceeds .098" (2.5 mm) on all other models, lower arm with ball joint must be replaced. See *Toyota* in *SUSPENSION* Section.

All Other Models (Exc. 4-WD Pickup & Land Cruiser) – Check ball joints for damaged rubber boot, excessive looseness or play. If damaged or excessively worn, replace lower control arm with ball joint. See *Toyota* in *SUSPENSION* Section.

TRIUMPH

Inspect ball joints for excessive wear or play. Replace ball joints as necessary. See *Triumph* in *SUSPENSION* Section.

VOLKSWAGEN

Vanagon – Inspect ball joints for wear or excessive play. Replace ball joints as necessary.

All Other Models – Raise and support front of vehicle and turn steering wheel to one side. Install suitable levering tool so that ball joint spring may be compressed. With spring compressed, position a vernier caliper with lower jaw on ball joint stud and upper jaw on top of clamping bolt for ball joint stud. Note reading. Slowly release tension from spring and note travel of caliper. This reading indicates ball joint play. If play exceeds .040" (1 mm) for new ball joints or .100" (2.5 mm) for used ball joints, replace ball joint. See *Volkswagen* in *SUSPENSION* Section.

VOLVO

Maximum permitted axial play for lower ball joint is .12" (3 mm). Check ball joint by prying back and forth with a bar. If specifications are exceeded, replace ball joints. See *Volvo* in *SUSPENSION* Section.