

GENERAL MOTORS "A", "J" & "X" BODIES

"A" Body

Buick Century
Chevrolet Celebrity
Oldsmobile Ciera
Pontiac 6000

"J" Body

Buick Skyhawk
Cadillac Cimarron
Chevrolet Cavalier
Oldsmobile Firenza
Pontiac J2000

"X" Body

Buick Skylark
Chevrolet Citation
Oldsmobile Omega
Pontiac Phoenix

rear axle assembly and remove springs and insulators. To install, reverse removal procedure.

TRACK BAR

Raise vehicle and support rear axle. Remove bolt at body end of bar, then remove bolt at axle end of bar. Remove track bar. To install, reverse removal procedure.

STABILIZER BAR

Removal (Cavalier, Cimarron, Firenza, Skyhawk & J2000) – Raise vehicle on hoist and support body with jack stands. Remove nuts and bolts at both axle and control arm attachments and remove brackets, insulator and stabilizer bar.

Installation – Install U-bolts, upper clamp, spacer and insulator in trailing axle. Position stabilizer bar in insulator and loosely install lower clamp and nuts. Tighten all attaching nuts first, then tighten nut to control arms.

LOWER CONTROL ARM

Lower control arm is an integral part of axle assembly and cannot be replaced separately.

BUSHING REPLACEMENT

Cavalier, Cimarron, Firenza, Skyhawk & J2000 – Using Bushing Remover & Installer tool (J-29376 & Components) remove old bushings by turning bolt. Press new bushing into control arm using Remover & Installer tool (J-29376).

All Other Models – Using Remover and Installer tool (J-9519-10 & Components) remove old bushing by turning bolt. Press new bushings into control arm using Remover & Installer tool (J-9519-10).

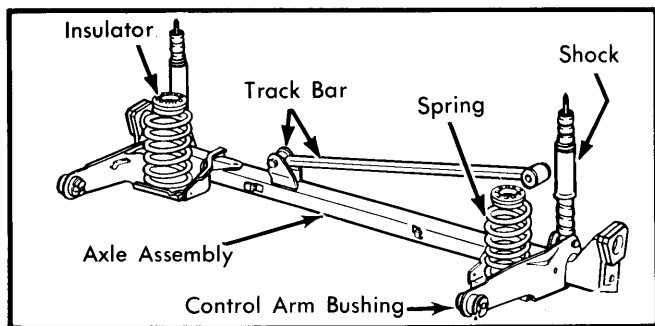


Fig. 1 Typical Rear Axle Assembly

ADJUSTMENT

RIDING HEIGHT

See Riding Height Adjustments and Specifications in WHEEL ALIGNMENT Section.

REMOVAL & INSTALLATION

SHOCK ABSORBERS

Open deck lid, remove trim cover and remove upper shock attaching nut. Raise vehicle and support rear axle assembly. Remove lower attaching bolt and nut and remove shock. To install, reverse removal procedure.

NOTE – Do not remove both shock absorbers at one time as suspending rear axle at full length could result in damage to brake lines and hoses.

COIL SPRING

Raise vehicle, support rear axle with adjustable lifting device. Remove right and left brake line bracket attaching screws from frame and allow brake line to hang freely. Disconnect track bar (if equipped). Disconnect both shock absorbers. Lower

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (N·m)
Cavalier, Cimarron, Firenza, Skyhawk & J2000	
Shock Absorber	
Upper End	7 (13)
Lower End	35 (47)
Stabilizer Bar-to-Axle	10 (14)
Stabilizer Bar-to-Control Arm	13 (17)
Control Arm-to-Body Bracket	68 (93)
Brake Line Bracket-to-Frame	8 (11)
Brake Line Bracket-to-Control Arm	11 (15)
Hub and Bearing Assembly-to-Rear Axle	37 (50)
All Other Models	
Shock Absorber	
Upper End	7 (13)
Lower End	43 (58)
Track Bar	
Century, Celebrity, Ciera & 6000	44 (60)
Skylark, Citation, Omega & Phoenix	35 (47)
Brake Line Bracket	8 (11)
Lower Control Arm-to-Bracket	78 (115)
Lower Control Arm-to-Underbody	28 (38)