

1963-73 ALFA ROMEO

Giulietta (1963)
Giulia 1300 (1963-67)
Giulia 1600 (1963-67)
1750 (1969-71)
2000 (1972-73)

DESCRIPTION

Link type rear suspension with coil springs. Axle tubes are connected to body by one triangular shaped upper control arm (Giulietta models) or one "T" shaped upper control arm (all other models). Coil springs are mounted between rear axle tubes and body (Giulietta models) or between lower control arms and body (all other models). Hydraulic shock absorbers are mounted inside of coil springs. A stabilizer bar (if equipped) is mounted to body and connected to lower control arm mounts at axle by way of links. A rubber pad is mounted to body to stop upward movement of rear axle. Rebound straps are mounted around axle ends to stop downward motion of axle.

REMOVAL & INSTALLATION

RUBBER PADS & REBOUND STRAPS

Removal — Raise vehicle and place safety stands under body. Place jack under rear axle and raise slightly to take load off rebound straps. Remove bolts securing pads and straps to body and remove from vehicle.

Installation — Reverse removal procedure for installation making sure pads and straps are in same position as when removed.

SHOCK ABSORBERS

Removal — Disconnect lower shock absorber mount at lower control arm. Collapse shock absorber. Remove upper mounting nut accessible from inside luggage compartment. Remove upper portion of rear seat for easy removal.

Installation — Inspect mounting pads and replace if necessary. Reverse removal procedure for installation.

UPPER CONTROL ARM

Removal — Raise vehicle and place safety stands under body. Remove wheels and tires. Remove rear portion of tailpipe. Remove bolts securing bushings to body on both sides. Remove nut from upper control arm pivot shaft at differential and slide control arm off. Swing control arm down to remove.

Installation — Check rubber body pad mounts and rubber bushings for wear and replace as necessary. If bushings are defective press out of control arm using a suitable mandrel (A.3.0163). Drive bushing into control arm using a suitable driver (A.3.0164). Reverse removal procedure for installation. With control arm installed in vehicle, check distance between rubber bushings seat and plastic washer on control arm. Distance should be no more than .04". Install shims to obtain correct clearance.

COIL SPRINGS

Removal — Raise vehicle and place safety stand under axle. Remove wheel and tire. Install a suitable holding tool (A.2.0143) to lower control arm and axle tube. Remove lower shock absorber mount and push up on shock absorber to end of stroke. Remove rebound strap as previously outlined. Remove rear control arm pivot bolt at axle, release holding tool slowly and remove coil spring when control arm is completely down.

Installation — Reverse removal procedure for installation. Tighten pivot bolt nut to specification.

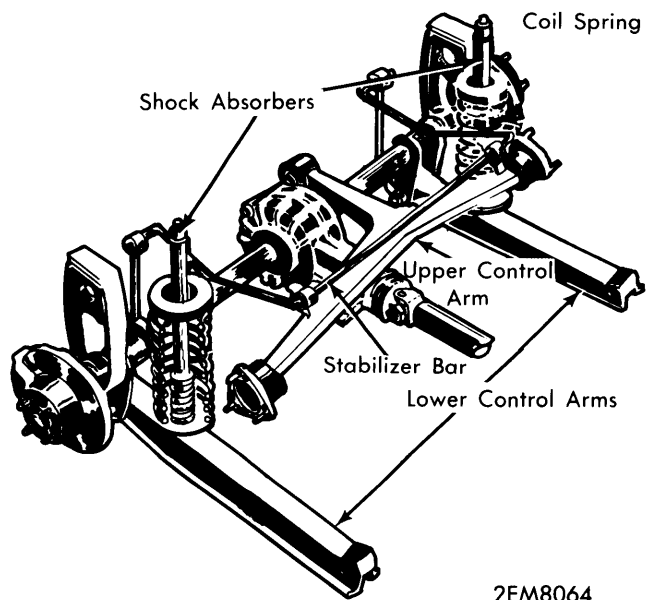
LOWER CONTROL ARMS

Removal — Remove coil spring as previously outlined. Remove front control arm pivot bolt and remove control arm from vehicle. If bushings are defective press out using a suitable mandrel (A.3.0211).

Installation — Use same tool to press in bushings. Reverse removal procedure for installation. Tighten pivot bolt nuts to specifications.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Lower Control Arm Front Pivot Bolt Nuts	78 (10.8)
Lower Control Arm Rear Pivot Bolt Nut	88 (12.2)
Upper Control Arm-to-Body	38 (5.3)
Upper Control Arm-to-Axle	94 (13)



2EM8064

ALFA ROMEO REAR SUSPENSION COMPONENTS (TYPICAL)