

Rear Suspension

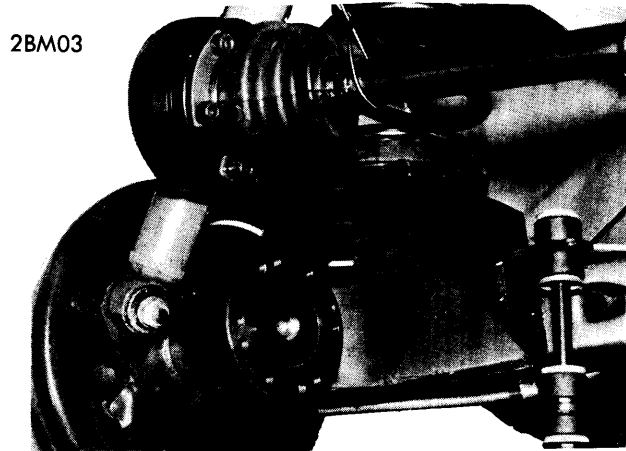
9-127

1966-73 BMW

4 Cyl.
1600 (1966-71)
2002 (1968-73)
2002 Tii (1972-73)
6 Cyl.
2500 (1969-70)
2800 (1969-71)
Bavaria (1970-73)
3.0 (1972-73)

DESCRIPTION

Independent type rear suspension with coil springs. Semi-trailing control arms pivot on crossmember and connect to half shafts which bolt directly to output shafts. Coil springs and shock absorbers operate between control arms and body. On 4 Cyl. models a stabilizer bar is attached to crossmember and linked to both control arms.



2BM03
HALF SHAFT DISCONNECTED FROM OUTPUT SHAFT

REMOVAL & INSTALLATION

SHOCK ABSORBERS & COIL SPRINGS

4 Cyl. Models

Removal — Raise and support vehicle and remove wheel. Place jack under control arm. Remove upper shock absorber mounting nut and compress shock. Remove lower retaining nut and remove shock absorber. Remove bolts securing output shaft to half shaft. Lower jack, rotating control arm down until coil spring can be removed then remove spring.

Installation — To install, reverse removal procedure and tighten all nuts and bolts.

6 Cyl. Models

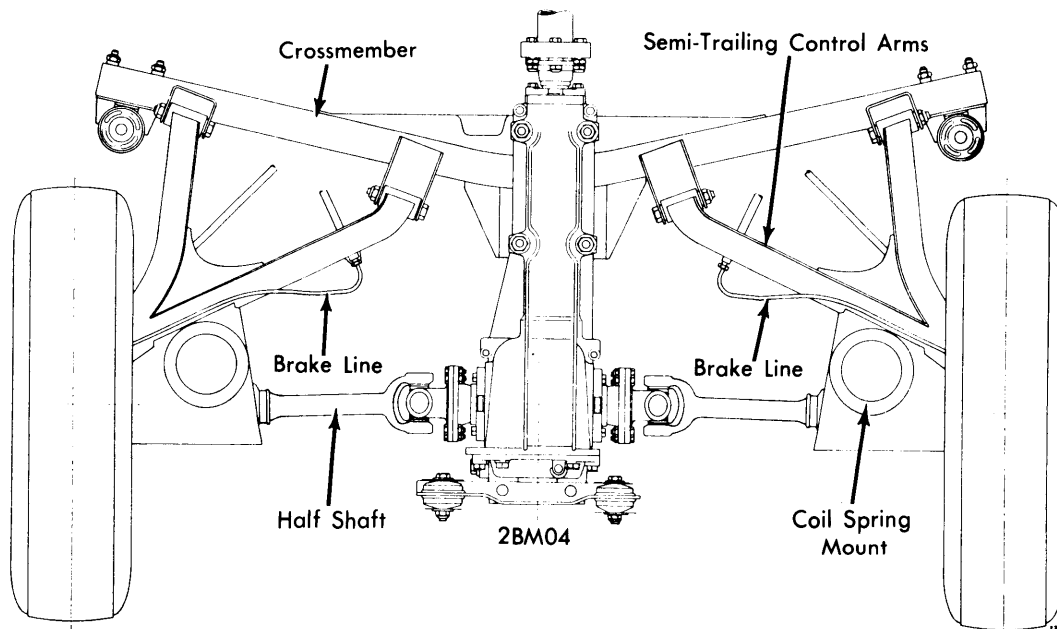
Removal — Raise and support vehicle and remove wheel. Place jack under control arm. Remove upper and lower shock absorber mounting nuts and remove shocks with coil springs attached.

Installation — To install, reverse removal procedure and tighten all nuts and bolts.

SEMI-TRAILING CONTROL ARM

Removal — Raise and support vehicle and remove wheel. Support control arm under spring seat and support final drive. Remove nuts and bolts securing stabilizer bar to control arm. Remove shock absorber and coil spring. Disconnect parking brake cable at lever. Disconnect hydraulic brake line at control arm. Remove bolts securing control arm to crossmember and remove control arm.

Installation — To install, reverse removal procedure and tighten all nuts and bolts. Bleed and adjust brakes.



2BM04
REAR SUSPENSION ASSEMBLY TYPICAL

Rear Suspension

1966-73 BMW (Cont.)

TIGHTENING SPECIFICATIONS

Application (4 Cyl.)	Ft. Lbs. (mkg)
Large Final Drive Cover	31 (4.3)
Flange on Bevel Pinion	108 (15)
3-Arm Flange	108 (15)
Side Cover	15 (2.1)
Hex Bolt in Drive Flange	75 (10.5)
Drive Pinion Bearing Stop	289 (40)
Half Shaft Castellated Nut	244 (34)
Crownwheel-to-Final Drive	57 (7.9)
Application (6 Cyl.)	Ft. Lbs. (mkg)
Housing Cover	16 (2.2)
Crownwheel-to-Differential	86 (12)
Input Pinion Flange	108 (15)
Rear Stub Axle-to-Drive Flange	180 (25)
Half Shaft-to-Drive Flange	46 (6.4)
Crossmember-to-Body	108 (15)
Thrust Links-to-Body	19 (2.6)
Hex Bolt in Drive Flange	68 (9.4)
Lower Shock Absorber Mounting	94 (13)
Upper Shock Absorber Mounting	19 (2.6)