

Rear Suspension

1969-72 RENAULT R-16

R-16 (1969-72)

DESCRIPTION

Independent type rear suspension with torsion bars. The wheels operate separately on suspension arms which connect to two separate torsion bars. This results in a longer wheel base on the right-hand side of the vehicle. The suspension arms secure the wheel and hub assembly. A stabilizer bar connects both suspension arms. Double acting hydraulic shock absorbers are mounted between the suspension arms and the body.

REMOVAL & INSTALLATION

SUSPENSION ARMS

Removal — Raise and support vehicle and remove wheel. *NOTE* — Suspension arm on left side of vehicle must be removed to allow removal of arm on right side. Disconnect parking brake cable at sleeve. Disconnect brake line at union on chassis. Place a jack under suspension arm and disconnect shock absorber. Remove nut securing under body height adjusting cam. Disconnect muffler and brake limiter valve adjusting flange. Rotate adjusting cam to zero. Remove nuts and bolts attaching stabilizer bar and pull towards rear of vehicle as far as possible. Remove outer bearing nuts on suspension arm. Free bearing by pulling it towards rear of vehicle. Turn inner bearing 90°, pull towards rear of vehicle and remove. Suspension can now be removed.

Installation — To install, reverse removal procedure and tighten all nuts and bolts. Bleed and adjust brake system. Adjust riding height.

SHOCK ABSORBERS

Removal — Raise vehicle and remove wheel. Do not allow suspension to hang freely. Remove nuts and bolts securing shock absorber and remove shock.

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

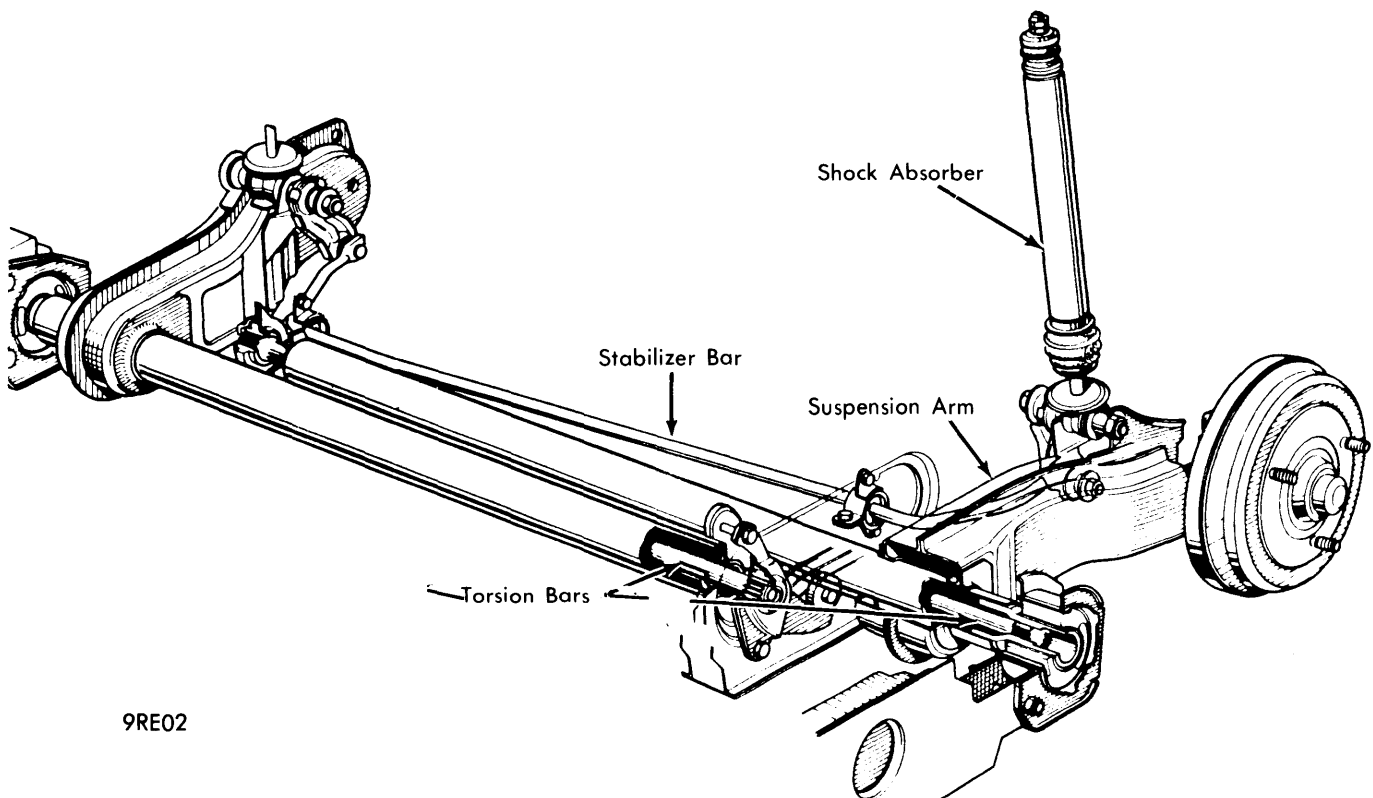
TORSION BARS

Removal — Remove both suspension arms. Push back on anchor casing without completely freeing torsion bar splines. Mark on anchor casing and torsion bar spline to ensure accurate reassembly. Using suitable tool (Sus. 349), push in on torsion bar until it becomes flush with outer edge of tool. Check mark on tool to make sure it lines up with mark on bar. Remove torsion bar from vehicle.

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

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs.
Outer Suspension Arm Bearings	32



9RE02

REAR SUSPENSION ASSEMBLY