

Front & Rear Suspension

JEEP FRONT & REAR

Jeep, All Models

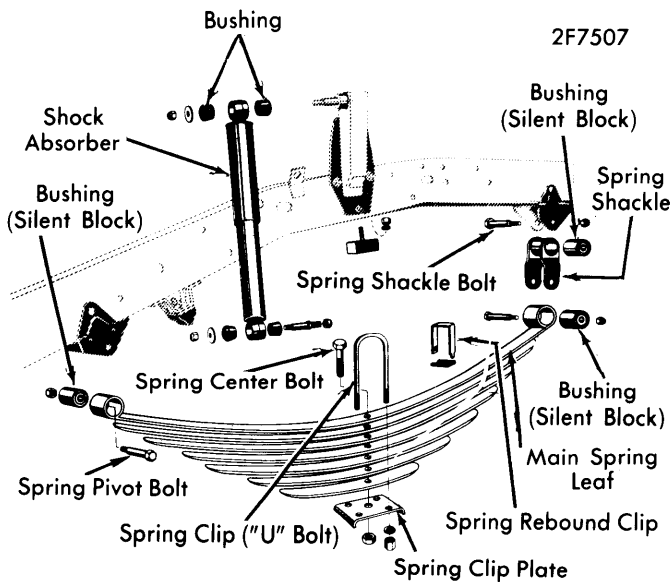
DESCRIPTION

Semi-elliptical leaf springs and double-action hydraulic shocks are used. Springs are mounted parallel to frame side rails. All front springs are mounted below the axle. All rear springs, except on CJ models, are mounted above the axle. Spring center bolts are used to align and hold leaves of spring in position and to prevent shifting on the axle.

REMOVAL & INSTALLATION

FRONT & REAR SPRING MOUNTED BELOW AXLE

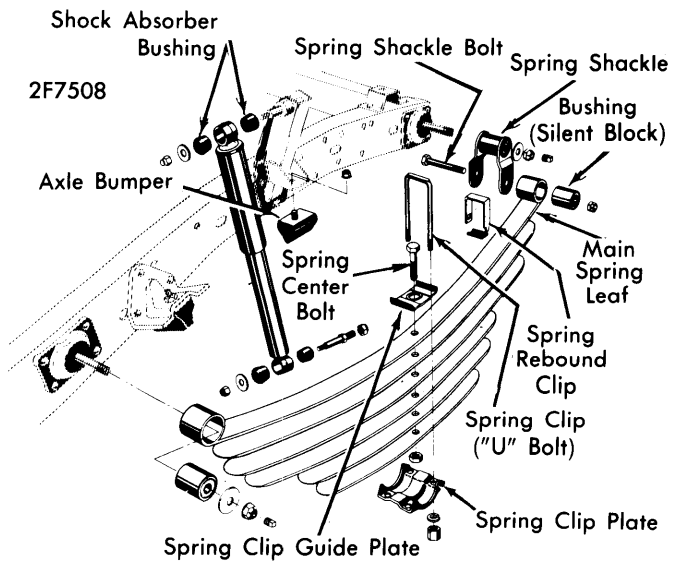
Removal & Installation — Raise vehicle and support axle using a floor jack. Remove nuts securing "U" bolts (spring clips). Disconnect shock absorber from lower mounting if necessary. Remove "U" bolt and tie plate. Remove pivot bolts from front and rear end of spring, then remove spring from vehicle. To install, reverse removal procedure while noting the following: Tighten pivot bolts with weight of vehicle on springs.



SPRING MOUNTED BELOW AXLE (TYPICAL)

FRONT & REAR SPRING MOUNTED ABOVE AXLE

Removal & Installation — Raise vehicle and support the frame ahead of axle. Remove wheel and support axle assembly with floor jack. Remove "U" bolts and parking brake cable clip (rear only). Unclip axle vent hose from frame (left side) or remove brake "T" fitting bolt from axle (right side). Remove lower shock bolt and disconnect spring from pivot bolts. Lower axle enough for spring to clear backing plate and remove spring from vehicle. To install, reverse removal procedure while noting the following: Tighten pivot bolts with weight of vehicle on springs.



SPRING MOUNTED ABOVE AXLE (TYPICAL)

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs.
Spring Pivot Bolts	45-65
Spring Shackle Bolts	50-70
Hanger Shaft Nut	45-65
Shock Absorber	
Lower Mounting	25-40
Upper Mounting	15-25
"U" Bolt	
$\frac{7}{16}$ "	36-42
$\frac{1}{2}$ "	45-65
$\frac{3}{16}$ "	85-105