

Leaf spring	Made of spring steel leaves, stacked in a layer and designed to absorb shocks by flexing
kingpin	Used on early solid axle front suspensions to allow the stub axle to swivel
Bump stop	Designed to prevent suspension parts colliding with the chassis during compression
Suspension bushes	Designed to absorb noise, reduce vibration and to cushion the ride of the vehicle
Ball joints	Allow the suspension arms to move up and down in response to road irregularities
Coil spring	Designed to absorb shocks by compressing and extending
Torsion bar	Relies on twisting force to absorb the road shocks and maintain height of the vehicle
Shock absorber	Designed to prevent the springs from springing beyond what is necessary for smooth riding

Print, laminate and cut out for a matching activity on suspension components