

Description and Operation

Overview

The rear suspension consists of the following components:

- Coil springs
- Lower arm and bushing assemblies
- Shock absorbers
- Stabilizer bar and links
- Toe links
- Upper arms
- Lower arm vertical links
- Wheel bearing and wheel hub assemblies
- Wheel knuckles
- Wheel studs

Vehicles equipped with Dynamic Suspension:

- Suspension height sensor
- Dynamically controlled shock absorbers

The rear suspension uses 2 parallel arms (1 upper and 1 lower). Each arm has a mounting position to the chassis and an attachment at the wheel knuckle. This suspension allows the wheels to react to road imperfections independent of each other. The shock absorber mounts to the lower arm and along with the spring, controls vertical movement. The stabilizer bar and links control suspension lean/sway.