



4x4 / LDV / SUV Air spring application

Why AIRMAX Air Helper Springs?

Any vehicle's suspension is compromised right from day 1, coming from the factory. With any Steel Suspension or Steel Suspension upgrade there is a compromise between Load Carrying Capacity and a Comfortable drive, especially in un-loaded conditions. Loaded or un-loaded, AIRMAX Air Helper Springs allows you maximum adjustability to give you the ride and handling you want when you want it.

Advantages:

By adjusting the air pressure inside the Airmax air helper springs the suspension can be adjusted to suit your requirements.

- Increases vehicle stability – absorbing road shocks for a softer ride.
- Improves Steering, balance and braking effectiveness.
- Prevents “bottoming” out and reduces suspension fatigue.
- The air pressure can be adjusted to match the load.
- Maintains a level vehicle and allows for off-center loads.
- Levels headlight beams, especially when vehicle is fully loaded.
- Reduces Tyre wear.

1) BASIC KIT

The basic helper spring kit is installed on it's own and is adjusted manually at any service station or with an portable compressor. Each air spring is inflated via 1 or 2 tyre valves installed at a convenient place on your vehicle, such as the fender or close to the Tow-bar arrangement. With 1 tyre valve (left and right air springs “T” together) the vehicle can be levelled back to rear and with 2 tyre valves (each air spring inflated separately) the vehicle can be levelled back to front and left to right.

2) CAB CONTROLS

Cab Control's can be installed with the basic helper spring kit, in conjunction with a 12V onboard compressor. This allows you to inflate / deflate the system from the luxury of your Driver seat.



- Single Cab Control has one paddle switch and allows you to inflate/deflate the system and levels the vehicle from front to rear



- Dual Cab control has two paddle switches and allows you to inflate/deflate the system and level the vehicle from front to rear and from left to right.

AIR SPRING SUPPLY COMPANY

3) REMOTE CONTROLS

WirelessONE™ is an affordable wireless on-board air compressor system that provides one-touch control of your air springs from inside or outside the vehicle. Never search for a gas station with a working compressor again!



Equal Pressure for Equal Loads

Inflate and deflate both air springs to equal pressures. This is best for vehicles carrying loads equally distributed from left to right. With three user-defined memory buttons, WirelessONE can remember your frequently used settings.

WirelessAIR™ provides one-touch inflation and deflation of your air springs from inside or outside the vehicle. Never search for a gas station with a working compressor again!



Independent Control Of Your Air Springs

Inflate and deflate each air spring independently to different pressures – perfect for users with uneven or top-heavy loads. With two user-defined memory buttons, WirelessAIR can remember your frequently used settings.



3) AIR TANK KIT

This kit is normally fitted where operators also requires sufficient Air to inflate tyres. An Air Tank is fitted between the 12V Compressor and the Cab Control and together with a Pressure Switch the Airtank is kept at a Pressure of 8 Bar. A quick coupler with hose pack will allow for “Air on Demand” when required. Please note that this kit can also be fitted WITHOUT the Cab Control's that allows you to inflate the Air springs from the Air tank Via the Hose pack.

3) AIRMAX AIR HELPER SPRINGS FOR LEAF SPRINGS

Firestone's heavy-duty AIRMAX air helper springs are the workhorse of our air helper spring line. The double convoluted air springs offer maximum load support as well as years of worry-free service. AIRMAX air helper springs can be installed on most light bakkies, motor homes, RV's, SUV's and vans. AIRMAX air helper springs are installed between the frame of the vehicle and the suspension, providing load support through the use of air pressure. Air Spring Supply Company has made a commitment to provide the customer with premium air helper spring kits.

AIRMAX has become synonymous with quality, durability and with customer support truly second to none. Each application is specifically designed to maximize the safe load carrying capacity, stability, and ride quality of the vehicle. AIRMAX air helper springs utilize a pair of convoluted air springs, which can be adjusted for changing loads. These air springs are capable of 1500kg – 2200kg of load leveling capacity per set. AIRMAX air helper springs enhance the ride by reducing leaf friction. Please remember that air springs do not increase the load-carrying capacity of your vehicle.

