



Unit 626 Kilshane Avenue, North West Business Park, Ballycoolin, Dublin 15, Ireland  
Telephone: +353 1 8612 632, Fax: +353 1 8612 647, email: sales@driveriteltd.com

**W21-760-3451**  
**Ford Transit**  
**Round Axle Single Rear Wheel**

**INSTALLATION INSTRUCTIONS**

All work should be carried out in a properly equipped workshop with due regard to Health and Safety Regulations. No further reference to Health and Safety Regulations will be made, but they must be considered at all times.

The kit should be opened and the contents checked against the parts list provided.

Identify the various components and familiarise yourself with them using drawings and information provided.

**WARNING**

*Do not inflate this assembly when it is unrestricted. When installed, a minimum of 10 psi should be maintained in the air bellows at all times to avoid damage. Do not inflate beyond 100 psi.*

**IMPORTANT**

*This kit is not designed to increase the GVW of your vehicle. For your safety and to prevent possible damage to your vehicle, do not exceed the maximum load recommended by the vehicle manufacturer.*

## Parts List

Description	Quantity
Bottom Right Bracket	1
Bottom Left Bracket	1
Support Bracket	2
Top Bracket	2
M10x65 Bolts	4
M10 Locknuts	4
M8x20 Bolts	4
M8x25x2 Flat Washers	4
M10x25 Flat Head Allen Bolts	2
Cable Ties	10

Description	Quantity
Thermal Sleeves	2
255C 1/4" NPT Air Bellows	2
18 ft. 1/4" Tubing	1
3/8-16 Flange Locknut	4
3/8-16 x 3/4 Flange Lock Bolt	2
1/4" Elbow	2
1/4" Inflation Valve	2
5/16 Flat Washer	4
1/4" Tee Piece	1

## INSTALLATION:

With this kit the air bag is mounted upside down with the air feed on the bottom.

### Mount Upper Bracket to Bellows:

The Upper Bracket is mounted to the bag with the use of the countersunk bolts provided.

When assembled the top of the countersunk bolt should sit flush with the surface of the bracket



### Mount Lower Bracket to Bellows:

The top of the bellows has two studs and an air entrance hole. Attach the lower bracket to the end of the bellow where the air entrance is located using the 3/8" flanged lock nuts. Make sure that the air entrance hole is exposed in the bracket opening.

As seen in the illustration the air bag is inverted with the air feed screwed in from the bottom.



**Mount Kit on Vehicle:**

Remove the bump stops from the chassis. When the assembly is fitted ensure that the two flanges of the upper bracket sit against the outside of the chassis.

The upper bracket is fastened to the original mounting holes in the vehicle frame with two M 8 screws.

The lower bracket is connected to the axle with the lip sitting in between the two bail clamps holding down the leaf springs.

Note: It must be ensured that no brake hoses are damaged when assembling.

**INSTALL THE AIR LINE**

Select locations on the vehicle for the air inflation valves. The locations can be on the bumper or on the body of the vehicle. Drill a 5/16" hole and install the air inflation valve. Run the tubing from the bellows to the valve, routing it so that it will be protected from the direct heat of the exhaust system, and away from sharp edges. Secure the tubing in place with nylon ties.

**CHECK THE AIR SYSTEM**

Once the inflation valves are installed, inflate the bellows to the recommended pressure and check the fittings for air leaks with a solution of soap and water. If a leak is detected at a tubing connection then check to make sure that the tube is cut as square as possible and that it is pushed completely into the fitting. If a leak is detected where the elbow fitting screws into the spring, then screw the elbow into the spring one additional turn until the leak stops.

This completes the installation. To prevent possible damage, maintain a minimum of 20 psi in the air bellows at all times!

**FAILURE TO MAINTAIN MINIMUM PRESSURE WILL VOID YOUR WARRANTY**