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FIAT DUCATO FULL AIR COMFORT CONVERSION

W21-760-3202

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 pictures 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 springs 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.

Note: The assembly of this kit should be carried out by trained technical personnel. This is necessary, as auxiliary tools are required for assembly.

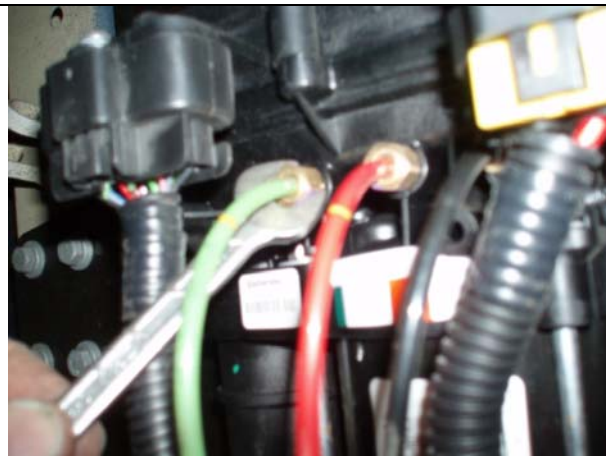
Raise the vehicle, support the chassis and remove the rear wheels.

Undo the cover of the air supply unit under rear of the vehicle.



10 mm socket

Slacken off the air fittings to the green and red tubes and allow the air pressure to escape from the airsprings.



10 mm spanner

Remove the bolt from the bottom of each airspring.



16 mm socket

Undo the bolt at the front of the top of each airspring. Retain these bolts for replacement later.



16 mm socket

Unclip the airsprings, cutting the nylon tie at the top.
Disconnect the airsprings from their air tubes.



10 mm spanner

Retighten the fittings on the green and red air tubes and replace the cover.		10 mm socket 10 mm spanner
Screw 1/8bsp/4 mm air fittings into the new airsprings, using Loctite.		10 mm spanner
Attach the top airspring brackets to the airsprings using 1/2" x 3/8 UNC countersunk bolts.		Allen key
Clip the back of the top airspring brackets into position.		

Bolt on the front to the original hole using the original bolt.



16 mm socket

Attach the piston to each airspring, and place the disc between the piston and the steel spring. Bolt up through the spring into the bottom of the airspring using 2" x 3/8 UNC bolt and spring washer.



14mm or 9/16" socket

Cut the end of the 4 mm air tubes squarely close to the end and insert the tubes into the fittings on the airsprings.		
Secure the air tubes with nylon ties.		
Replace the original shock absorbers with the new ones supplied. Torque to manufacturer's specifications.		
Replace the road wheels and torque.		