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## W21-760-3457 Mitsubishi L200

### **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
267C Air Spring	2
Upper Bracket	2
Lower Bracket	2
U-Bolt	4
Bail-Clamp	4
5/16-18 Flange Lock Nut	8
5/16-24 UNF Hex Nut	8
Thermal Sleeve	2
Cable Ties	15
5/16 Lock Washer	8

Description	Quantity
1/4 Tubing	5M
3/8-16 Flange Lock Nut	4
3/8-16 x 3/4 Flange Lock Bolt	2
Push To Connect Elbow 1/4	2
Push To Connect Inflation Valve	2
5/16 Flat Washer	4
1/4 Push To Connect Tee	1
Fitting Instructions	1
Operation Guide and Manual	1

### INSTALLATION:

#### STEP 1: PREPARE THE VEHICLE

Lift the vehicle at the rear axle until the vehicle is not supported by the leaf spring anymore. Please be careful and take all necessary precautions before fitting the product. Your vehicle is equipped with a rubber bump stop which is positioned on the frame directly above the axle. Remove this bump stop together with bracket and discard.

#### STEP 2: INSTALL THE AIR FITTING

Pre fit the kit by mounting the brackets onto the spring and by fitting the elbow for the air supply in the spring. Install the elbow in the air inlet hole on the top plate of the bellows. Tighten until the elbow is pointing towards the centre of the vehicle. Next, cut the air line into two equal lengths, making the cut as square to the axis of the tubing as possible. Insert the air line into the elbow and push until a positive click is felt.

#### STEP 3:

Compress the air spring and place it between the leaf spring and chassis rail (see drawing).

#### STEP 4:

Place the tubing so that no damage can be done to it by sharp edges. If there are sharp edges, please use protection.

#### STEP 5: INSTALL THE AIR LINE

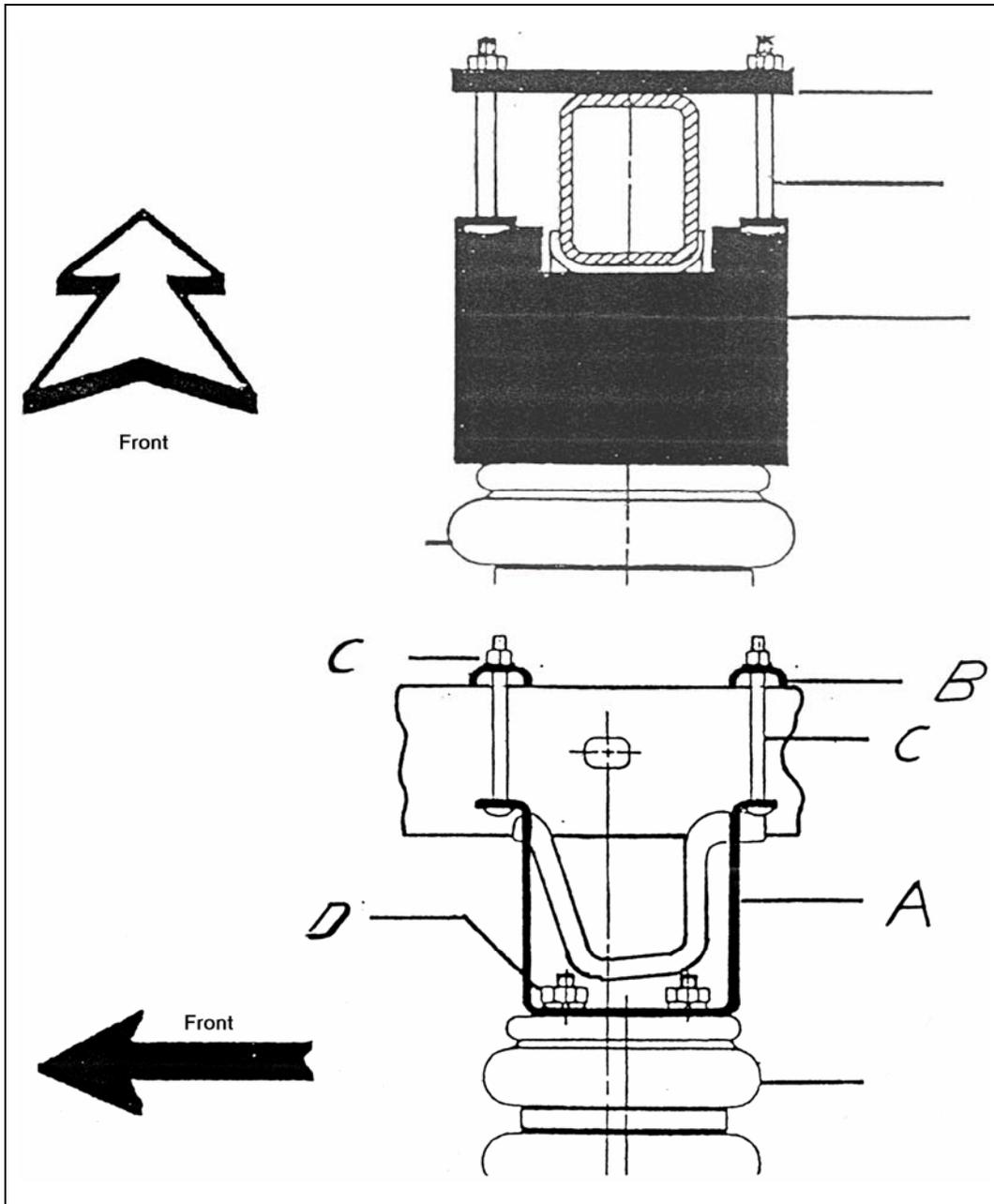
Fill the system through the provided inflation valve (petrol station, foot pump) or by compressor with gauge.

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.

#### STEP 6: CHECK THE AIR SYSTEM

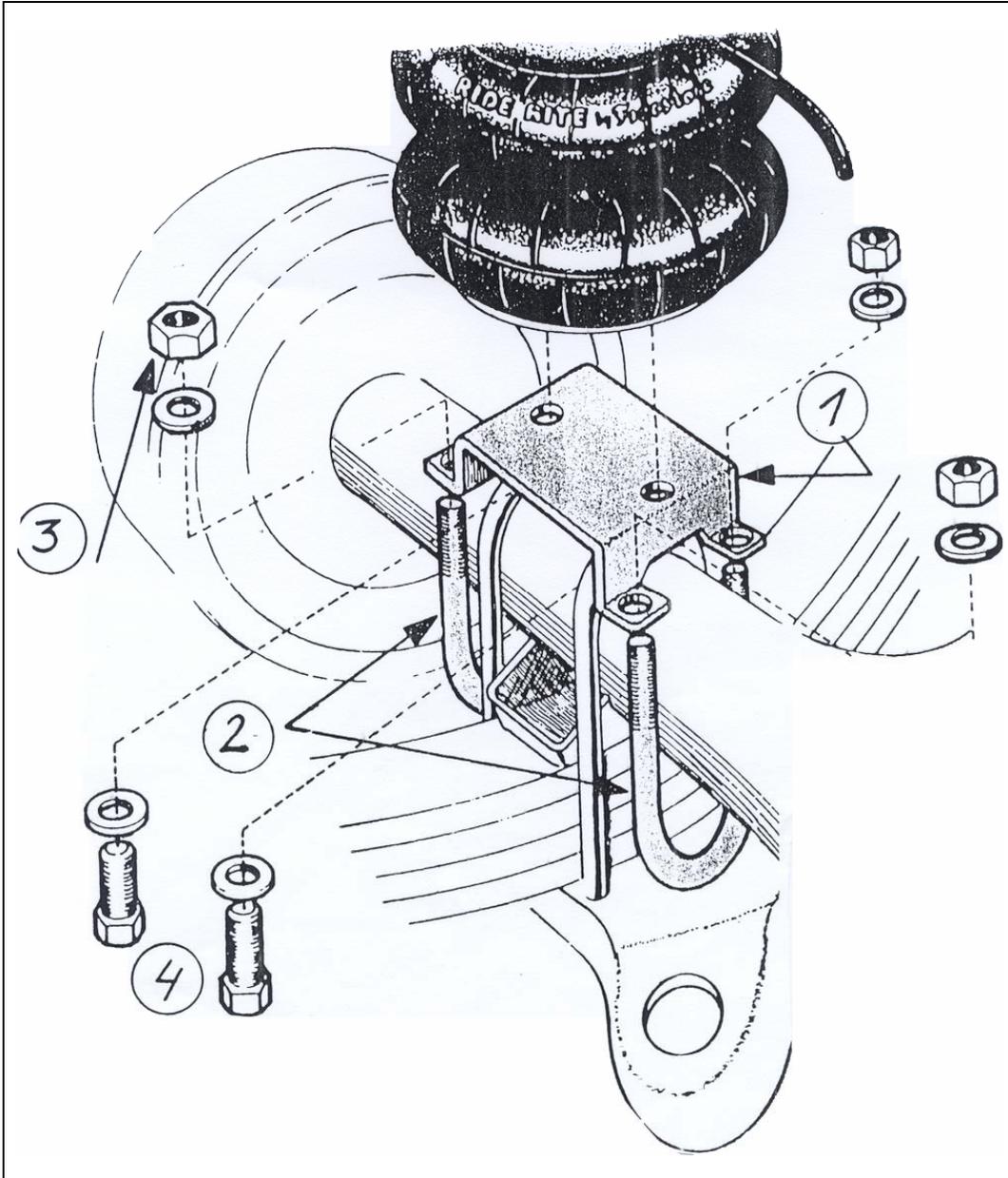
Once the inflation valves are installed, inflate the bellows to the recommended pressure and check the fittings for air leaks with a solution of soap and water. If a leak is detected at a tubing connection then check to make sure that the tube is cut as square as possible and that it is pushed completely 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!



**Installation of Top Bracket :**

Mount the top bracket ( A ) to the air spring ( D ). Bolt the top bracket with the supplied U brackets ( B ) to the chassis rail by tightening the bolts ( C ) to mount installation to the chassis rail.

**Installation of Lower Bracket :**

Connect the lower bracket to the air spring and bolt it onto the axle / spring by using the supplied U bolts.