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W21-760-3082
Load Sensing Valve
Iveco Daily

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	PART NO.	QTY
1M1A AIR BAG	W02 358 3000	1
LSV BRACKET	21 3582 3894	1
SUPPORT BRACKET	21 3582 3995	1
PLUNGER	21 3582 3925	1
SPACER	21 3582 3926	1
5/8" – 11 UNC HEX NUT	21 3582 3829	1
M10 X 30 HEX HEAD BOLT	21 3582 3809	4
M10 LOCK NUT	21 3582 3843	4
10 MM FLAT WASHER	21 3582 3834	4
1/8" NPTF ELBOW FITTING	21 3582 3055	1
1/4" TEE PIECE	21 3582 3025	1
1/4" AIR LINE (1M)	21 3582 3912	1
INSTRUCTIONS	21 3582 3905	1

STEP 1 MOUNT THE AIR BAG

Mount the small air bag onto the Load Sensing Valve bracket (A) using the 5/8" nut provided. Then insert the elbow air fitting into the bottom of the bag using thread tape and screw the spacer into the top plate.

STEP 2 PREPARE THE LOAD SENSING VALVE

Remove the bolts holding the Load Sensing Valve. Loosen the nylon clip to release the LSV actuating arm. Release both nylon ties holding the rubber boot on the valve and peel off the black rubber. Use an 8 mm spanner to release the valve from the LSV actuating arm and then release the arm and remove it from the Load Sensing Valve bracket.

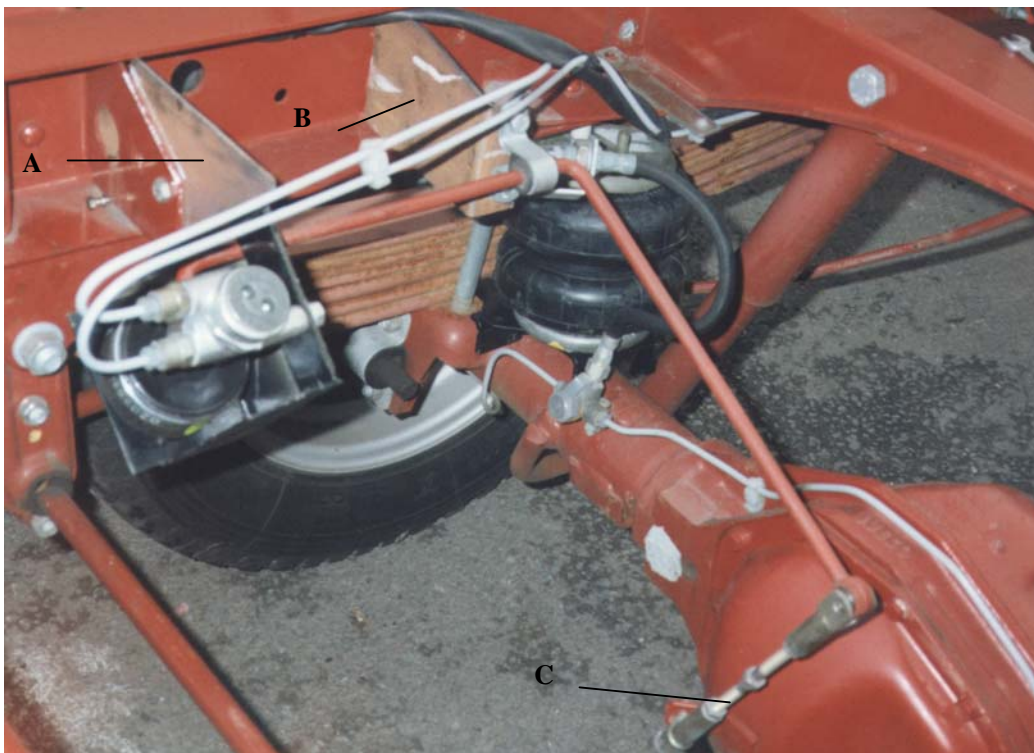
Feed the LSV actuating arm through the new Load Sensing Valve bracket (A) and bolt this bracket, using the holes where the Load Sensing Valve was, to the chassis rail with bolts and nuts provided. Using the original bolts, bolt the Load Sensing Valve to bracket A. Bolt on the LSV actuating arm support bracket (B) (end of flexible brake hose bracket picks up on bottom bolt).

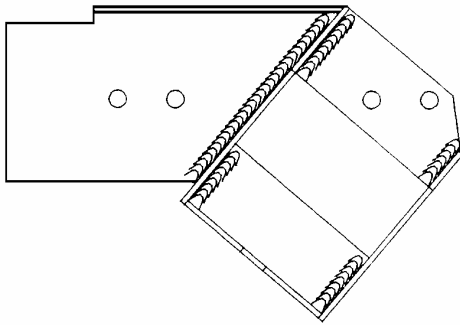
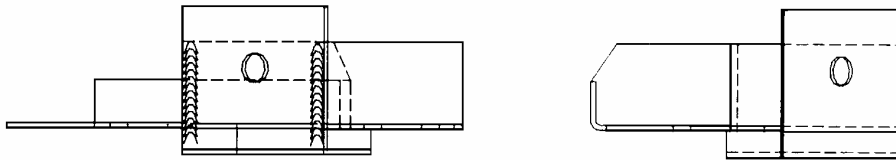
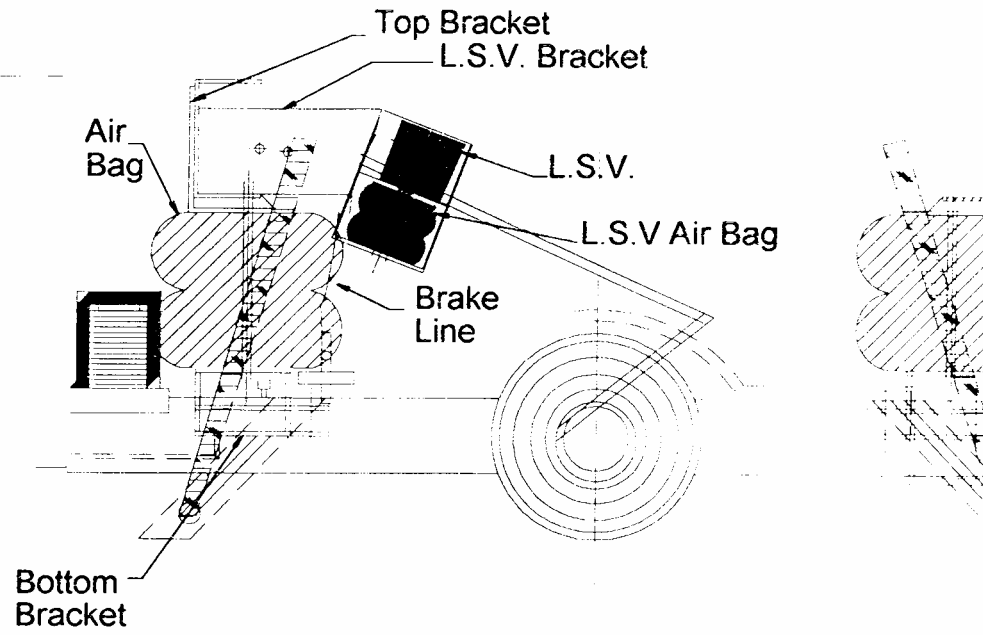
Change the bottom of the adjustable link (C) to the other side of the differential bracket and increase the length by 25 mm.

Brake union bracket on axle must be aligned horizontally and the union swung inboard to avoid fouling the air spring. Slight realignment of the brake pipe on the axle right hand side might be needed.

STEP 3 INSTALL THE AIR LINE

Insert one end of an appropriate length of air line into the elbow fitting. Join the other end to the existing air line to the air springs using the tee piece provided.





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