

## L322 Air Suspension Manual Operation

### General Overview:

To raise the suspension, we will want to momentarily trigger the air valves and the compressor relay circuit. To lower the suspension we will be activating the same corner valves in combination with the exhaust valve. This is accomplished by manually making circuit connections through the Air Suspension wiring harness. We are emulating the normal operation of the Air Suspension computer by manually making physical wiring connections. **This is a last resort operation that should only be attempted if you are stranded in the most remote off road locations with no hope of getting home without a working air suspension.**

It is advisable to inflate both front corners at the same time. Also the same is true for the rear. Trying to trigger individual corners is possible but it will become difficult to keep the vehicle level from left to right. It is easiest to raise both rear corners at the same time and then raise both front corners to match. The same is true for lowering the suspension. It is easiest to lower both rear corners simultaneously and then lower the fronts to match. Then measurements can be taken manually with a tape measure for all four corners. If any inequalities exist, you can trigger the corners individually to get all four corners equal and safe.

The procedures involve taking a 12v or ground supply and momentarily making a connection to a corner valve and compressor circuit or deflate circuit. Simply triggering a corner valve will not affect any change in the suspension height. You must pair the triggering of a corner valve with the compressor circuit or deflation circuit.

The connections you make must only be momentary. **DO NOT Leave the compressor running** longer than five minutes and **DO NOT leave the valves open** for longer than a couple of seconds. **Use EXTREME Caution.** DO NOT wire incorrect or short ground and supply lines.

### To Inflate Corner:

A connection must be made between the following pins to affect the desired result.

Left Front Corner Common	C0867-7	To	Ground	C2030-5
Left Front Corner	C0867-8	To	12v Supply	C2030-10
Compressor	C0867-16	To	12v Supply	C2030-10

### To Deflate Corner:

A connection must be made between the following pins to affect the desired result.

Left Front Corner Common	C0867-7	To	Ground	C2030-5
Left Front Corner	C0867-8	To	12v Supply	C2030-10
Exhaust Common	C0867-35	To	Ground	C2030-5
Exhaust	C0867-17	To	12v Supply	C2030-10

**Quick Reference:**

Connector C2030 Large White Connector Block

Connector C0867 Large Black Connector Block

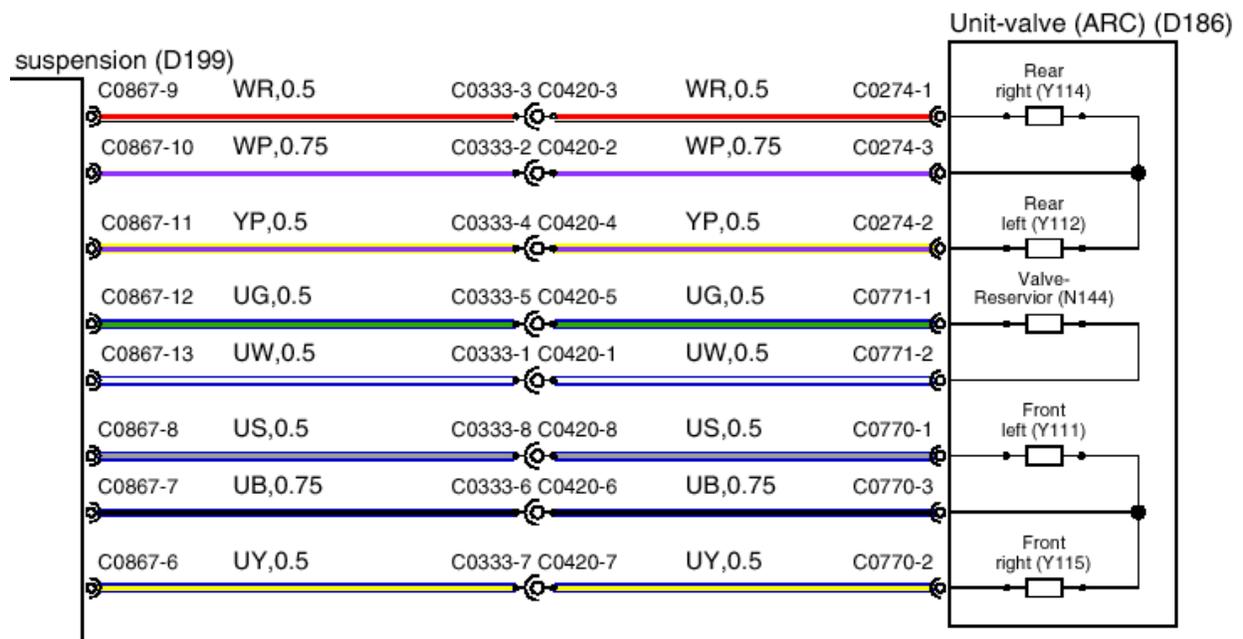
12v Supply C2030-10  
Ground C2030-5

Front Common C0867-7 To Ground  
Front Left C0867-8 To 12v  
Front Right C0867-6 To 12v

Rear Common C0867-10 To Ground  
Rear Left C0867-11 To 12v  
Rear Right C0867-9 To 12v

Compressor C0867-16 To 12v

Exhaust Common C0867-35 To Ground  
Exhaust C0867-17 To 12v



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