



DA-ST512
(Air Suspension Inflate & Deflate Application)
User's Manual

Air Suspension Inflate & Deflate Application

This application allows the operator to perform calibration, diagnostics and repair procedures on the vehicle's Air suspension systems.

Air Suspension Inflate & Deflate Process

On starting the application the menu displays two options

Deflate

Inflate

These operation are described below

Air Suspension Deflate -

This option will deflate the air suspension to enable component replacement to be performed safely. Individual component deflation support is vehicle dependant.

It will be necessary to re-enable the suspension ECU after component replacement is complete by running the inflate option.

This option with further sub menus will allow the deflation of the following components -

All Springs

Rear Left Spring (L405/L494 only)

Rear Right Spring (L405/L494 only)

Reservoir

Reservoir and Springs

Rear Left Spring (L405/L494 only)

Rear Right Spring (L405/L494 only)

Air Suspension Inflate -

The Inflate option is used to re-enable the suspension ECU after component replacement. It can also be used to inflate vehicles in the show room since engine does not need to run (L405 /L494 & X351 MY13 onwards)

It is recommend that a battery charger be connected for this operation.



When running these applications ensure

- All vehicle doors are closed
- No obstruction are around or underneath the vehicle
- No occupants in vehicle



Please ensure the vehicle is in a safe working mode prior to exercising the following procedure.

- The trigger is for the operator to switch on the vehicle ignition. If this is not currently on, then you will be asked to turn it on and to press '**OK**' when this has been done.
- On detecting the ignition state, the process starts to run and the message '**Please wait**' is displayed on the screen. The process will commence in approximately 10 seconds.
- Once the application has successfully completed and all instructions followed correctly a message "**PROCEDURE COMPLETE**" will be displayed. Pressing the '**OK**' button to return to the main application menu.

Note: If the process fails for whatever reason, a failure message will be displayed. At this time the process should be repeated ensuring that all conditions for the process have been met.

- To abort the procedure press the '**X**' button on the keypad at any time.

Air Suspension Inflate & Deflate Model Year Updates

The software associated with the Air Suspension Inflate & Deflate application is updated periodically to increase it's coverage for new JLR vehicles and model year updates. You can check for these updates by connecting your device to a PC via the supplied USB cable, and launching the DA App Hub. This tool will connect to the Diagnostic Associates file server and check to see if a newer version of the application is available to download.

Air Suspension Inflate & Deflate Supported JLR Vehicles

The following JLR vehicles and associated model years are supported by the Air Suspension Inflate & Deflate application at the time this user manual was produced. To obtain an up-to-date version of this table you should visit the Diagnostic Associates website.

Jaguar & Land Rover Vehicle Coverage				
Air Suspension Inflate & Deflate				
Vehicle / Model Year	MY07-09	MY10-12	MY13-15	MY16
Defender	-	-	-	-
Discovery /LR3/LR4	-	Yes	Yes	Yes
Range Rover Sport	-	Yes	Yes	Yes
Range Rover	-	Yes	Yes	Yes
Freelander /LR2	-	-	-	-
Evoque	-	-	-	-
Discovery Sport	-	-	-	-
XJ - New	-	-	Yes	Yes
XJ - Old	-	-	-	-
XK - New	-	-	-	-
XK - Old	-	-	-	-
XF	-	-	Yes*	-
XE	-	-	-	-
F-Type	-	-	-	-
S-Type	-	-	-	-
X-Type	-	-	-	-
(Yes) - Covered for MY : (-) - N/A (Yes*) Sports Brake only				