



DA-ST512
(Air Compressor Replacement Application)
User's Manual

Air Compressor Replacement Application

This application will perform the Air Compressor Replacement functions that the IDS/SDD tool would perform, if they are supported by the particular vehicle. This involves configuring the new air compressor module by downloading the required calibration file, then clearing vehicle DTCs.

IMPORTANT - This application only covers the AMK type compressor, not Hitachi.

Air Compressor Replacement Process

Ensure an approved battery charger is connected.

It is important that the compressor type is checked (AMK).

To aid compressor identification refer to images in Technical Bulletins LTB00420v2 or LTB00452.

Please make sure the new compressor is fitted and the air suspension system is fully functional before starting this application.

Once the application is selected the Air Compressor Replacement procedure will start straight away once the vehicle ignition is on, further details of which are given below.

General Procedure



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 "**PROCEDURE COMPLETE**" will be displayed. Pressing the **OK** button will 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.

NOTE - Once the procedure has finished some vehicle features (e.g. rear parking aid camera) may not function straight away until the vehicle has been completely shut down by locking the doors and leaving it for a few minutes. Also some user settings such as time, date and radio stations may have reset to their defaults so will need manually re-programming again.

Air Compressor Replacement Model Year Updates

The software associated with the Air Compressor Replacement application is updated periodically to increase its 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 Air Compressor Replacement application is available to download.

Air Compressor Replacement Supported JLR Vehicles

The following JLR vehicles and associated model years are supported by the Air Compressor Replacement 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 Compressor Replacement									
Vehicle / Model Year	MY05	MY06	MY07	MY08	MY09	MY10	MY11	MY12	MY13
Defender	-	-	-	-	-	-	-	-	-
Discovery /LR3/LR4	Yes	-							
Range Rover Sport	Yes								
Range Rover	-	-	-	-	-	-	-	-	-
Freelander /LR2	-	-	-	-	-	-	-	-	-
Evoque	-	-	-	-	-	-	-	-	-
XJ - New	-	-	-	-	-	-	-	-	-
XJ - Old	-	-	-	-	-	-	-	-	-
XK - New	-	-	-	-	-	-	-	-	-
XK - Old	-	-	-	-	-	-	-	-	-
XF	-	-	-	-	-	-	-	-	-
F-Type	-	-	-	-	-	-	-	-	-
S-Type	-	-	-	-	-	-	-	-	-
X-Type	-	-	-	-	-	-	-	-	-
(Yes) - Covered for MY : (-) - N/A									