# DA-ST512

## (Tyre Pressure Monitoring Application)

# User's Manual

# Tyre Pressure Monitoring Application

This application allows the operator to read and write tyre pressure sensor codes. The user can also perform a tyre pressure sensor test.

On starting the application the menu will display the options available. The '**UP**', '**DOWN**', '**X**' and '**OK**' buttons can be used to navigate the menu.

## Sensor Replacement

Once selected a list of sensor codes will be displayed against their position on the vehicle. To make a change to one of the codes select the code to change and press the '**OK**' button. The '**UP**', '**DOWN**' and '**OK**' buttons can now be used to amend the code for that tyre. Once a code has been altered an extra option 'Writing sensor identification values.' will now appear in the menu below the sensor codes. Select this option to write the altered code to the vehicle. A drive cycle may be needed for the module to learn the new sensor codes.

Once the application has successfully completed and all instructions followed correctly a message "**PROCEDURE COMPLETE**" will be displayed. Press the '**OK**' button to return to the sensor codes menu. The '**X**' button can then be used to return to the first 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.

## Receiver test

On selection some instructions will be displayed. The '**UP**' and '**DOWN**' buttons can be used to scroll the text and the '**OK**' button to continue. The application will then run an on demand self test before displaying the sensor code and pressure for each tyre. The user is then asked to De-flate the front left tyre by 10 PSI. Once the first tyre is deflated wait for a symbol to appear against one of the codes denoting that this code is for the front left tyre (the pressure will also change to read the new value). The sensors may take approximately 60 seconds to detect the change in pressure. Once this has been detected and the symbol displayed the user is asked to deflate the next tyre and the process is repeated for all detected tyres. Once completed the vehicle will learn the positions of each tyre code. The tyres must be inflated back to the correct pressure prior to returning the vehicle to the customer.

**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.

# Tyre Pressure Monitoring Model Year Updates

The software associated with the tyre pressure monitoring 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.

# Tyre Pressure Monitoring Supported JLR Vehicles

The following JLR vehicles and associated model years are supported by the tyre pressure monitoring 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 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Tyre Pressure Monitoring Application | | | | | | | | | |
| Vehicle / Model Year | MY07 | MY08 | MY09 | MY10 | MY11 | MY12 | MY13 | MY14 | MY15 |
| Defender | - | - | - | - | - | - | - | - | - |
| Discovery / LR3/ LR4 | - | - | - | Yes | Yes | Yes | Yes | Yes | Yes |
| Range Rover Sport | - | - | - | Yes | Yes | Yes | Yes | Yes | Yes |
| Range Rover | - | - | - | Yes | Yes | Yes | Yes | Yes | Yes |
| Freelander / LR2 | - | - | - | - | - | - | - | - | - |
| Evoque | - | - | - | Yes | Yes | Yes | Yes | Yes | Yes |
| Discovery Sport | - | - | - | - | - | - | - | - | Yes |
| XJ - New | - | - | - | Yes | Yes | Yes | Yes | Yes | Yes |
| XJ - Old | - | - | - | - | - | - | - | - | - |
| XK - New | - | - | - | Yes | Yes | Yes | Yes | Yes | Yes |
| XK - Old | - | - | - | - | - | - | - | - | - |
| XF | - | - | - | Yes | Yes | Yes | Yes | Yes | Yes |
| F-Type | - | - | - | Yes | Yes | Yes | Yes | Yes | Yes |
| S-Type | - | - | - | - | - | - | - | - | - |
| X-Type | - | - | - | - | - | - | - | - | - |
| (Yes) - Covered for MY :  (-) - N/A | | | | | | | | | |