

## DA-Dongle TTMT

Tight Tolerance Mode Toggle Device for Jaguar & Land Rover Vehicles



### Overview

- Operates on JLR vehicles
- Toggles between Tight Tolerance Mode and Customer Mode on the vehicle
- Saves time and money compared to SDD
- Easy to use with simple user interaction
- Stand-alone operation, no need to use SDD or a PC
- Easy to update for new vehicle and model years via PC (PC application and cable included)

<b>Jaguar &amp; Land Rover Vehicle Coverage</b>				
<b>DA-Dongle – TTMT - Tight Tolerance Mode Toggle</b>				
Vehicle / Model Year	MY05	MY06 to 09	MY10 to 13	MY14
Defender	-	-	-	-
Discovery /LR3/LR4	Yes	Yes	Yes	Yes
Range Rover Sport	Yes	Yes	Yes	Yes
Range Rover	-	Yes	Yes	Yes
Freelander /LR2	-	-	-	-
Evoque	-	-	-	-
XJ - New	-	-	Yes	Yes
XJ - Old	-	-	-	-
XK - New	-	-	-	-
XK - Old	-	-	-	-
XF	-	-	-	-
F-Type	-	-	-	-
S-Type	-	-	-	-
X-Type	-	-	-	-
(Yes) - Covered for MY : (-) - N/A				

For pricing and availability go to [www.diagnostic-associates.com](http://www.diagnostic-associates.com) or your approved JLR tool distributor.

## What does the DA-Dongle TTMT do?

The DA-Dongle connects directly to the vehicle OBDII (diagnostic) connector and is a stand-alone product that requires no other cables during operation. The device does not need to be used with SDD.

Once connected to the OBDII connector it will perform the Tight Tolerance Mode toggle via diagnostic communication. This application will read the suspension operation state when the dongle is inserted. The device will toggle between Tight Tolerance Mode and Customer Mode. It can take up to 120 seconds for the vehicle to reach Tight Tolerances mode from Customer mode and vice versa. It is recommended that the vehicle is left to stabilize for 30 seconds with the ignition on prior to inserting the Dongle into J1962 socket to avoid errors.

## How does the DA-Dongle operate the TTMT process?

The DA-Dongle TTMT device is simple and easy to use.

- Allow the vehicle to stabilize for 30 seconds
- Connect the TTMT device to the vehicle OBDII connector (the device powers from the vehicle).
- The device enters trigger mode – flashing red/green status (STS) LED.
- The trigger is for the operator to switch on the vehicle ignition or run the engine.
- The application begins to run, this is shown by a green flashing Status (STS) LED.
- Once complete the status (STS) LED turns solid green and the device emits a constant high-pitched audible tone to ensure the operator removes the device from the vehicle.
- The task complete approximately within 120 Seconds.

## How does the DA-Dongle get updated for future Model Years and New Vehicles?

The DA-Dongle can be updated simply and easily by connecting the DA-Dongle to a laptop/PC via the USB cable that is provided with each DA-Dongle.

A PC software update application is available to download from the Diagnostic Associates website [www.diagnostic-associates.com/download.htm](http://www.diagnostic-associates.com/download.htm) . This application once downloaded and launched will be responsible for identifying what version of software is on the device, and whether a new version is available for update.

By connecting the device to the PC when the software update application is running, the application will read the device and connect over the internet to determine if an updated software is available and download this to the device if a newer version exists. This process takes approximately 3 minutes to complete. The device will then be updated and ready to be used on the vehicle.

## Other JLR related products available.

- **EPBR** – Electronic Park Brake Release
- **SIR** – Service Interval Reset
- **J2534** – J2534 pass-thru communications devices for SDD VCM replacement
- **TM** – Transport Mode toggle
- **PDI** – Pre-Delivery Inspection
- **DTC** – DTC clear tool (for non-warranty vehicles)
- **DPFDR** – DPF Dynamic Regeneration
- **DA-ST512** – Multi Application Hand Held Device