Specifications:

Operating voltage	8v > 18v
Display cable length	1.4 meters (total)
Throttle patch lead cable length	100mm (each side)
Display dimensions	54mm x 35mm x 11mm
Display colour	blue LCD
Number of driving modes	5

Contents:

In The Box	Qty	
Throttle controller display unit	1	
Throttle controller patch lead	1	
Cable ties	3	
Fitting instructions	1	

Warranty Terms & Conditions:

SAAS Automotive Pty Ltd warrants this product against defects in factory workmanship and materials for the life of this product from the date of original purchase. This warranty applies to the first retail purchaser, is non-transferable and covers only where the product has been subjected to normal use or service. Provision of this warranty shall not apply to any SAAS Automotive product that has been used for a purpose for which it is not designed, or which has been altered in any way that would be detrimental to the performance or life of the product, or misapplication, misuse, negligence or accident. Warranty claims to the manufacturer must be transportation prepaid and accompanied with dated proof of purchase. On any part or product found to be defective after examination by SAAS Automotive Pty Ltd, SAAS Automotive Pty Ltd will only repair or replace the merchandise through the original selling dealer or on a direct basis. SAAS Automotive Pty Ltd assumes no responsibility for diagnosis, removal and/or installation labour, loss of vehicle use, loss of time, inconvenience or any other consequential expenses. The warranties herein are in lieu of any other expressed or implied warranties, including any implied warranty of suitability, and any other obligation on the part of SAAS Automotive Pty Ltd, or the selling dealer.

For further assistance email: tech@saasautomotive.com.au

SINCE 1954

TRAX SERIES

S-Drive Throttle Controller
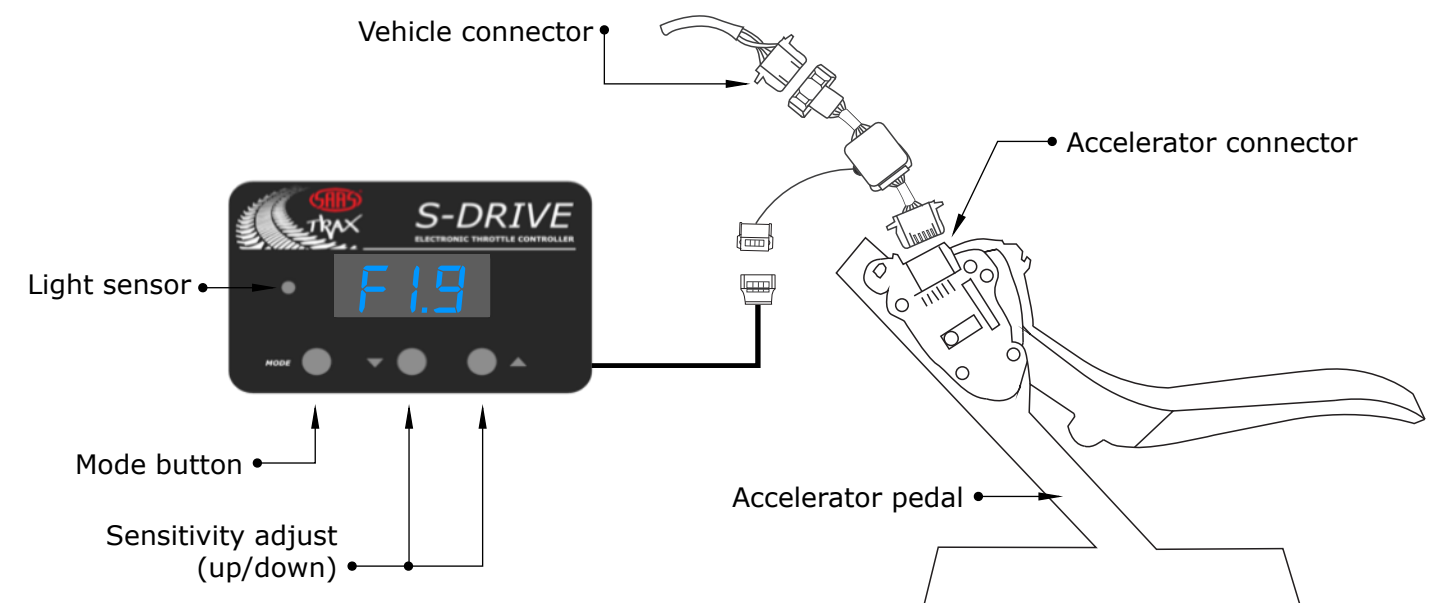## Installation Instructions:

v20190709

Important notes before installing:

- The SAAS **S-Drive** is designed for specified vehicles **only**, please make sure this is the correct product for your vehicle before you start the installation!
- All installation work should be done by a qualified professional to avoid damage to this product.
- All settings should be completed while the vehicle is **stationary**, for your own safety please do not adjust while driving!

Fitting Guide:

- Turn the ignition off and remove the car key, smart keys must be taken out of vehicle range!

- Locate the connector at the accelerator pedal and unplug it. For some vehicles it may be easier to remove the accelerator pedal to access the wiring connector.

- Plug the **S-Drive** connector into your accelerator pedal and then plug the vehicle side back into the **S-Drive**. Please plug the connectors in **SLOWLY!**, this will help prevent any damage to the pins.

- **Note:** If the connector does not fit, **STOP** the installation and check that you have the correct product with your retailer!

- Plug the small white connector from the pedal harness into the **S-Drive** display and find a suitable location on your dash to mount it. **CAUTION:** Please note the connector orientation before connecting! Do **NOT** reverse these connectors!

- Cable tie any excess wiring so it's out of the way and won't affect the normal operation of the vehicle! **(This is the installers responsibility!)**

S-Drive Layout:

Vehicle connector

Accelerator connector

Light sensor

Mode button

Sensitivity adjust (up/down)

Accelerator pedal

User Functions:

- **Transmission select:** auto or manual transmission must be selected first.

- Turn the ignition on and allow the *S-Drive* to power up.

- To select **auto** transmission, press and hold the up button for 3 seconds, the display should read "AAA". Auto transmission is now selected.

- To select **manual** transmission, press and hold the down button for 3 seconds, the display should read "HHH". Manual transmission is now selected.

- **Selecting driving modes:**

- Press the mode button to select your desired mode.

- **Modes: F1** Comfortable mode >> **F2** Sports mode >> **F3** Racing Mode >> Normal mode (Factory) >> ECO Fuel saving mode.
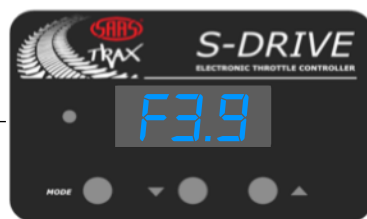
Driving Modes:

F1 Comfortable mode:

- This mode is designed for smooth acceleration.
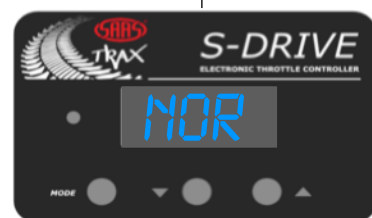- Adjustable sensitivity (1>9) use up/down keys to set sensitivity.

F2 Sports mode:

- This mode improves the instantaneous acceleration.
- Adjustable sensitivity (1>9) use up/down keys to set sensitivity.
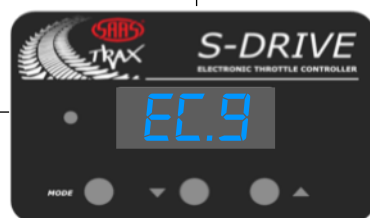
F3 Racing mode:

- This mode is designed for maximum acceleration.
- Adjustable sensitivity (1>9) use up/down keys to set sensitivity.

Normal mode:

- In this mode the vehicle reverts back to the factory settings. Not adjustable.

ECO Fuel saving mode:

- This mode is designed for fuel saving with a slower and smoother acceleration.
- Adjustable sensitivity (1>9) use up/down keys to set sensitivity.

Troubleshooting:

Please note: If you are having problems with the installation of this product, please do not contact your retailer or SAAS until you have read **ALL** the troubleshooting notes below.

Problem	Possible Cause	Solution
-no power to display unit	-display connectors reversed	-check that the small white display connectors have not been reversed
	-throttle connectors not plugged in correctly	-check for any bent or damaged pins
		-check all connectors are plugged and seated correctly
	-ignition was on during installation	-**see below**
-unit does not hold memory	-ignition was on during installation	-**see below**
-vehicle has an error code after installation	-ignition was on during installation	-**see below**
-vehicle does not run correctly after installation	-smart key was present during installation	-**see below**
	-vehicles ignition system retained some power	-**see below**

S-Drive **Reseting Procedure:**

- Turn the ignition off and remove the car key, smart keys must be taken out of vehicle range!

- Remove the *S-Drive* and return the vehicle back to original.

- Wait 10 minutes then start the installation again. (make sure the white display connectors are **not** reversed!

- After installation, turn the ignition on and start the vehicle. Check for any error codes on the dash and that the accelerator pedal is responding correctly.

- If error codes are still present and the accelerator pedal is not functioning correctly, please follow the pedal learning procedure below.

S-Drive **Pedal Learning Procedure:** (Some vehicles will require pedal learning)

- Turn the ignition on only, do not start the engine!

- Press the up and down buttons together for about 5 seconds ($\triangle$ and $\triangledown$ at the same time), the *S-Drive* screen should show a 15 second countdown period. During this period push the accelerator pedal in (make sure you press the pedal in as far as you can) and hold it there for about 2 seconds before letting go.

- Wait for the countdown to end. If (-00) is displayed, learning was successfully. If (-11) is displayed, learning was not successful and must be performed again.

- Start your engine and check for normal operation.

- If error codes are still present and the accelerator pedal is not functioning correctly, remove the device and contact your retailer.

For further assistance email: tech@saasautomotive.com.au