



SINCE 1954



SAAS-Drive Throttle Controller

Installation Instructions:

v20201207

Important notes before installing:

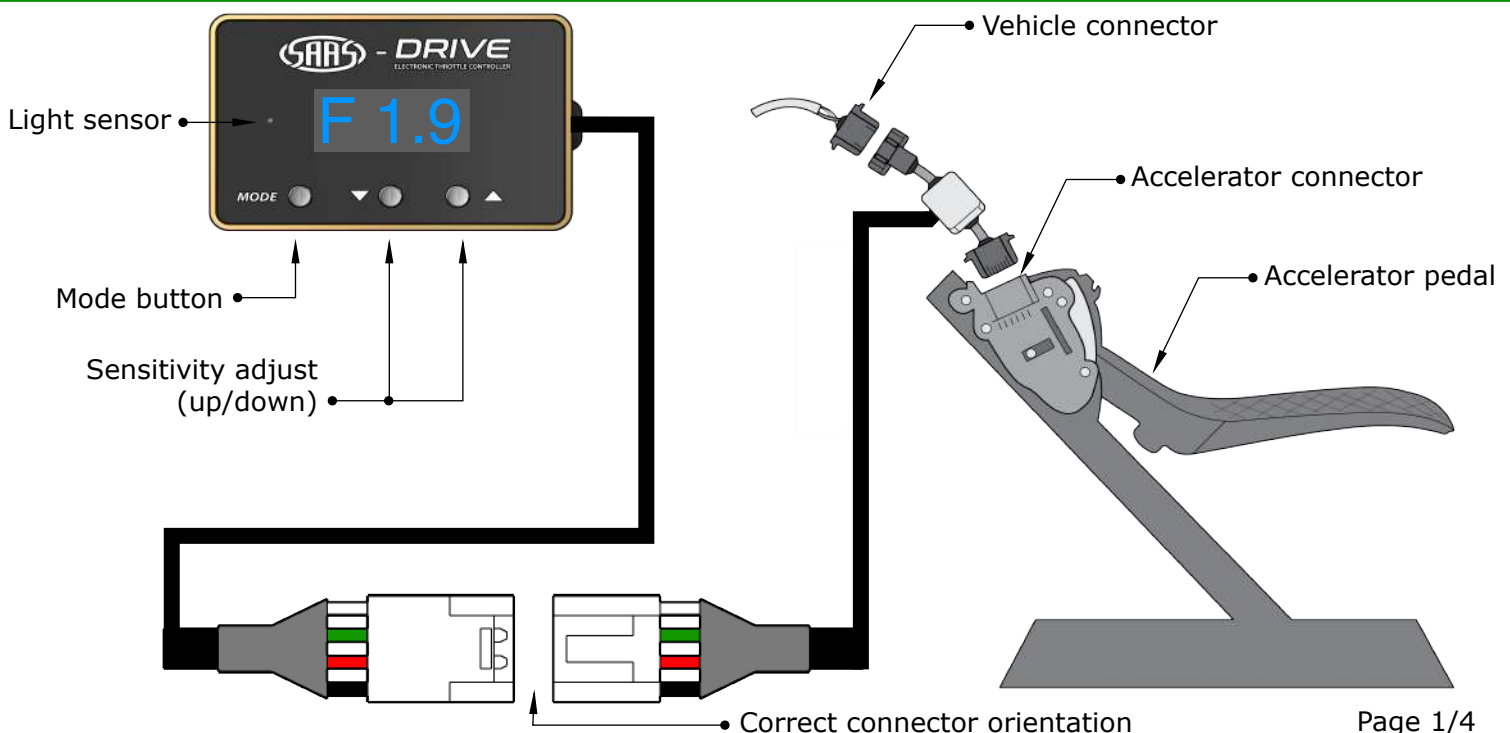
- The **SAAS-Drive** is designed for specified vehicles **only**, please make sure this is the correct product for your vehicle before you start the installation!
- All installation work should be done by a qualified professional to avoid damage to this product.
- All settings should be completed while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

- **BEFORE** installing, please check our website (shopsaas.com) for the latest fitting instructions. If the top left corner (v) number is different to website, please use instructions from website.

Fitting Guide:

- Turn the ignition off and remove the car key, leave the drivers door open and wait **10** minutes.
Note: 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. During installation, do **not** touch the brake pedal or open and close doors as this may wake up vehicle systems and cause an error code.
- Plug the **SAAS-Drive** connector into your accelerator pedal and then plug the vehicle side back into the **SAAS-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 **SAAS-Drive** display and find a suitable location on your dash to mount it. **CAUTION:** Please see below for connector orientation. Do **NOT** reverse these connectors!
- Cable tie any excess wiring so it's out of the way and won't affect the vehicles operation.
(This is the installer's responsibility!)

SAAS-Drive Layout:



SAAS-Drive Throttle Controller

User Functions:

- **Transmission select:** auto or manual transmission must be selected first.
- Turn the ignition on and allow the **SAAS-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 mode button to cycle through modes >> **F1** Comfortable mode >> **F2** Sports mode >> **F3** Racing mode >> **AU** mode >> **EC** Fuel saving mode >> **Nor** Normal mode (Factory).

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.



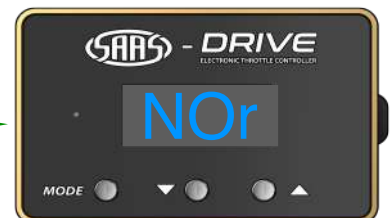
AU Auto mode:

- This mode is designed to study your driving style and adjust depending on the situation. This mode is a great way to set and forget as it will give both power and economy when needed.



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.



Normal mode:

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

- Anti Theft Function:

To prevent theft, the unit has a built in immobiliser that will stop the vehicle from accelerating. To use this function, follow the steps below.

- Press left and middle buttons for 3 seconds >> display will show **000** >> use all 3 buttons to set a 3 digit password >> press left and middle buttons for 3 seconds >> display will show **LOC** >> anti theft function is now active.

- To disable anti theft >> turn ignition on >> enter your 3 digit password >> press left and middle buttons for 3 seconds >> anti theft has been disabled and unit is back to normal operation.

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
-vehicle has an error code after installation -vehicle does not run correctly after installation	-ignition was on during installation	-see below
	-smart key was present during installation	-see below
	-vehicles ignition system retained some power	-see below
-display shows LOC	-enter 3 digit password	-if password has been lost, contact SAAS for unlocking. This service is available at a fee to user.

SAAS-Drive Reseting Procedure:

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

SAAS-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 (Δ and ∇ at the same time), the **SAAS-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

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.

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