

Additional Application for the Power Thro NA
has been confirmed for the Alphard Hybrid, Vellfire Hybrid

Power Thro NA

POWER & THROTTLE CONTROLLER

[Click here for information on Power Thro](#)



Product Characteristics

- In addition to controlling the acceleration response with the 「Thro Con」 function, the 『Power Thro』 is a next generation electronic part which increases power.
- The product includes a controller with high visibility VA LCD display, Thro Con Unit, Power Unit, and vehicle specific harnesses. All parts necessary for installation is enclosed in the vehicle specific packaging.
- For turbo vehicles the boost pressure is optimized. The characteristic of the torque output is controlled during the opening of the throttle in order to increase power. These revolutionary features were not possible with previous throttle controllers.
- For NA vehicles the amount of fuel that is injected is optimized for every moment of air intake. The characteristic of the torque output is controlled during the opening of the throttle in order to increase power.
- 20 modes in ECO, SPORT, AUTO as well as 5 additional SMART mode which analyzes the boost pressure and air flow voltage to feedback the load intensity to the Thro Con is included. Equipped with a diverse range of modes to fit your style of driving.
- In addition to the 25 modes, by equipping the Scramble Switch (sold separately) the Scramble Mode can be used. Select from 30 seconds, 180 seconds, and Continuous access to the scramble mode.
- Comes equipped with the Start Control System (SCS) function which controls the vehicle`s standardly equipped idling stop, sport mode functions to turn ON or OFF with ignition. The idling stop function can be automatically canceled and the sport mode can be engaged without any additional operation during engine start. (Optional harness is necessary)
- Safety function to return back to normal conditions when there are any trouble with the electrical wiring.

Information on Compatible Vehicles								
(Vehicle)	(Model Year)	(Model)	(E/G Model)	T/M	(STD)	Peak Power	(Code No.)	(JAN Code)
TOYOTA								
ALPHARD HYBRID	2015/01-2023/06	AYH30W	2AR-2JM-2FM	CVT	145.0PS	150.7PS (+5.7PS)	BPTN07	4959094159070
VELLFIRE HYBRID								

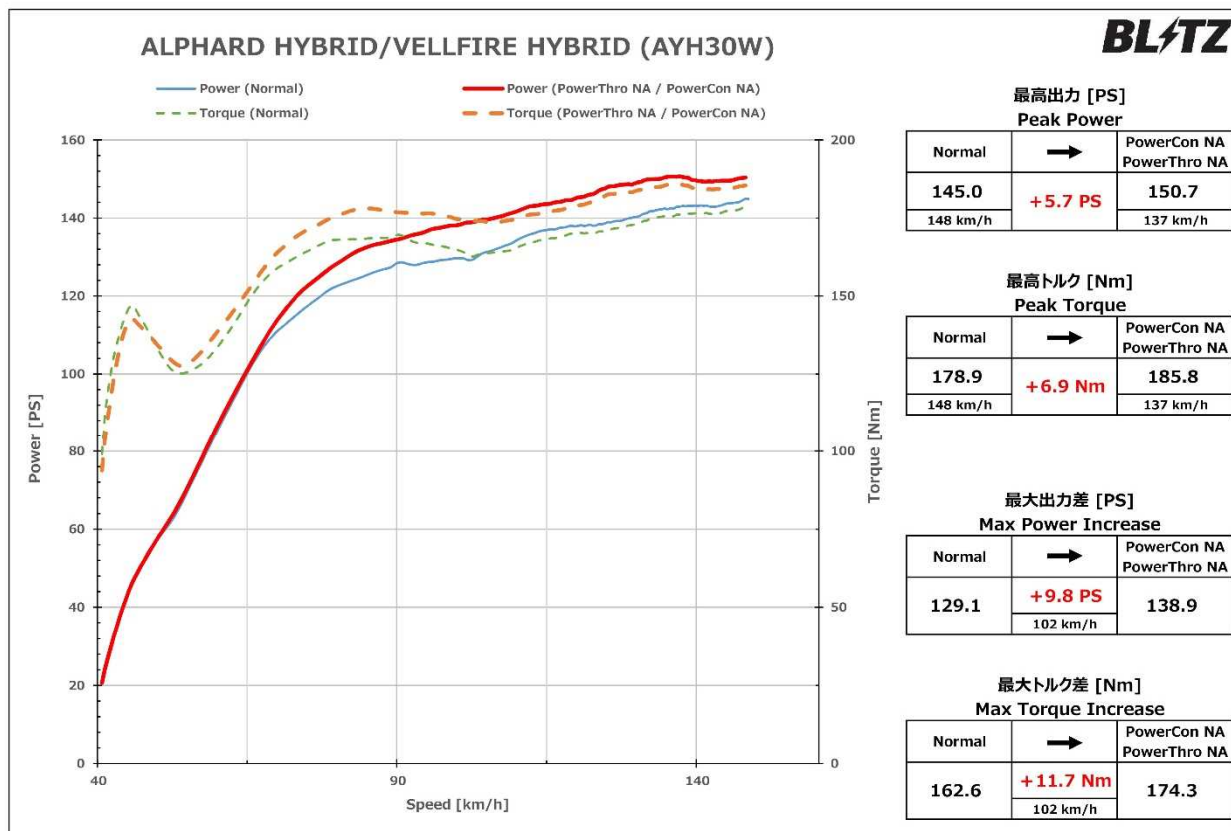
[Click here for price and availability](#)

- ※ Depending on the individual, the sensation for the improved acceleration, response, and power may differ.
- ※ This product can only be installed on vehicles equipped with stock electronic throttle.
- ※ The POWER UP values listed on the product information shows the difference in output between vehicles equipped with PowerThro and stock. All measurements taken by in house chassis dynamo.
- ※ Output may differ depending on the vehicle. Please keep in mind that these values are only for reference.
- ※ The product can be equipped along with the BLITZ AIR FILTER Series and AIR CLEANER Series.
Has not been tested with air filter, air cleaners from other manufacturers.
- ※ Cannot be equipped on vehicles with rewritten ECU (Including BLITZ TUNING ECU), replaced ECU, vehicles equipped with electronic parts attached to the boost sensor or air flow sensor.

Optional Parts		
Product Name	Code No.	Remarks
THRO CON Scamble Switch	14799	Allow you to access the scramble mode
THRO CON Scamble Switch TOYOTA TYPE-1 Panel Set	14871	Service panel TOYOTA TYPE-1 included

■ Power Graph

○ Alphard Hybrid, Vellfire Hybrid : Increase in Maximum Output 5.7PS. Increase in Maximum Torque 6.9Nm



※グラフ、データは弊社シャーシダイナモでの計測事例です。車両ならびに装着部品、燃料などにより個体差があります。

[Click here for more data on Power Con](#)