Additional Applications

Thro Con
THROTTLE CONTROLLER

Installation on Alphard/Vellfire

Installation on LS500

【 Product Characteristics 】

- Evolved from the previous Throttle Controller, finer levels of control is possible.
- Visibility is improved compared to previous models due to the VA system that shows higher levels of contrast on the Liquid Crystal Display.
- A standard model and a hybrid model for hybrid vehicles are lined up.
- The accelerator position sensor is designed to operate just by connecting on. Easy installation with only a +12V electrical wiring.
- There are a total of 20 modes to choose from such as 5 『ECO』 mode for fuel efficiency, 10 『Sport』 mode for smooth acceleration, 5 『AUTO』 mode where the Control MAP of the level and length of the opening of the throttle is automatically selected.
- "Simple Mode Function" allows the driver to easily access the top 5 most frequently used modes.
- Other than a Bar Graph display, a Digital Numerical Display can show the output side of the throttle opening.
- A warning function is equipped to indicate the driver to go easy on the throttle for fuel efficient driving. The indicator can be set at 10% increments between throttle openings between 30%～90%.
- With the 『Reverse Cancel Harness』 (Sold separately) the throttle will automatically return to normal when put into reverse.
- Other than the standard 20 modes, with the 『Scramble Switch』 (Sold separately), 3 additional scramble mode can be accessed. The scramble length can be selected from 30 seconds, 180 seconds, and Constantly.
- The 『Start Control System』 (SCS) can control idling stop and sports mode functions during ignition. Idling stop function can be canceled and sports mode can be automatically selected during ignition to remove any troublesome operations. (Optional connection harness is necessary)

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【 Modes 】

● ECO ・ SPORT Mode

The ECO and SPORT mode changes the acceleration response while maintaining a consistent ratio.
SPORT mode includes SPORT 1〜9 and MAX for a total of 10 modes.
As the mode number increases, the control ratio for response is increased. MAX has the highest ratio.
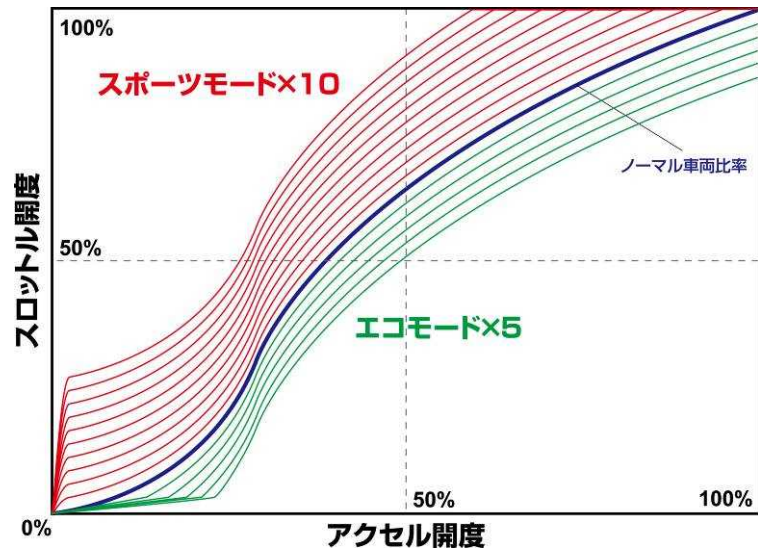ECO mode includes ECO 1〜5.
Compared to stock, the response becomes milder to support ecofriendly driving.

ECO4（EC.4）

SPORT3（SP.3）

スポーツモード×10

ノーマル車両比率

エコモード×5

スロットル開度

アクセル開度

● AUTO Mode

During AUTO mode the computer automatically regulates the control ratio
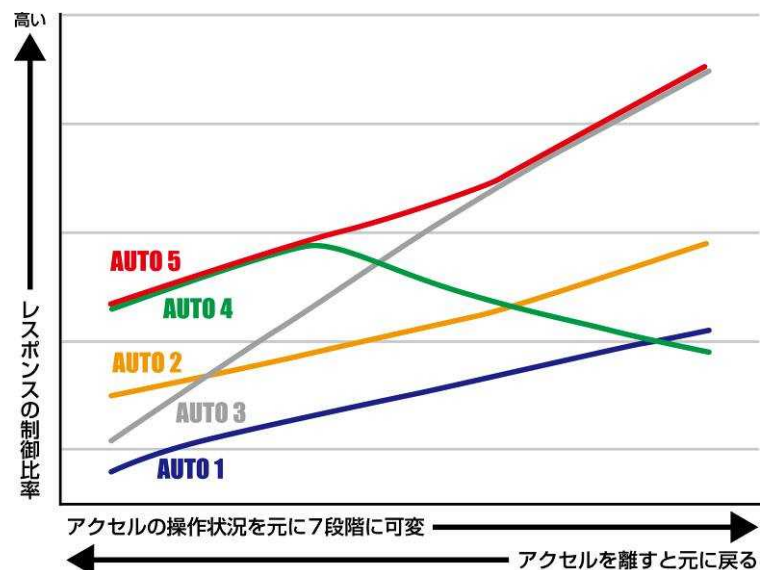depending on the amount and time the throttle is opened.
The characteristic of each of the 5 modes are distinct to allow drivers to find their favorite setting.
When acceleration is released, the ratio will mirror the input values.
When the control ratio changes, the bar graph on the monitor will slide.

AUTO Mode Control Ratio
Display when changing to 4d

高い

AUTO 5
AUTO 4
AUTO 2
AUTO 3
AUTO 1

レスポンスの制御比率

アクセルの操作状況を元に7段階に可変
アクセルを離すと元に戻る

BLITZ INFORMATION

Product Information

Code No.	JAN Code	MSRP	Remarks
BTSG1	4959094155409	¥40,000	
BTSG2	4959094155416	¥40,000	
BTSG4	4959094155430	¥40,000	
BTSP2	4959094155461	¥40,000	
BTHG3	4959094155553	¥40,000	HYBRID

Vehicle Compatibility

Vehicle	Year	Model	E/G Model	Remarks	Code No.
LEXUS					
IS300	2017/10-	ASE30	8AR-FTS	〈Lexus Safety System ＋〉 Compatible	BTSG2
LS500	2017/10-	VXFA50, VXFA55	V35A-FTS	〈Lexus Safety System ＋〉 Compatible	BTSG2
RX300	2017/12-	AGL20W, AGL25W	8AR-FTS	〈Lexus Safety System ＋〉 Compatible	BTSG2
TOYOTA					
86 GR	2017/12-	ZN6	FA20		BTSG1
AVENSIS WAGON	2014/09-	ZRT272W	3ZR-FAE	〈Toyota Safety Sense C〉 Compatible	BTSG2
ALPHARD	2018/01-	GGH30W, GGH35W	2GR-FKS	〈Toyota Safety Sense〉 Compatible	BTSG2
VELLFIRE	2018/01-	GGH30W, GGH35W	2GR-FKS	〈Toyota Safety Sense〉 Compatible	BTSG2
MAZDA					
CX-8	2017/12-	KG2P	SH-VPTS	2WD/4WD Compatible 〈MAZDA PROACTIVE SAFETY〉 Compatible	BTSG4
FLAIR WAGON	2018/02-	MM53S	R06A	〈Dual Sensor Brake Support〉 Compatible	BTHG3
FLAIR WAGON CUSTOM STYLE	2018/02-	MM53S	R06A	2WD/4WD Compatible 〈Dual Sensor Brake Support〉 Compatible	BTHG3
HONDA					
CIVIC TYPE R	2017/09-	FK8	K20C	Turbo	BTSP2

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SUZUKI					
SPACIA	2017/12-	MK53S	R06A	2WD/4WD Compatible 〈Dual Sensor Brake Support〉 Compatible	BTHG3
SPACIA CUSTOM	2017/12-	MK53S	R06A	2WD/4WD Compatible 〈Dual Sensor Brake Support〉 Compatible	BTHG3

※This product does not change the maximum output of the vehicle.

※The feeling of improvements in acceleration and response will differ between people.

※This product can only be used on vehicles with genuine electronic throttle control.

For further information on compatibility, please view the BLITZ POWER SITE listed below or contact the support center.