

Additional Applications

Thro Con

THROTTLE CONTROLLER



Installation Example on N-VAN

【 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)

【 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.

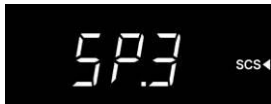
As the mode number increases, the control ratio for response is increased. MAX has the highest ratio.

ECO mode includes ECO 1~5.

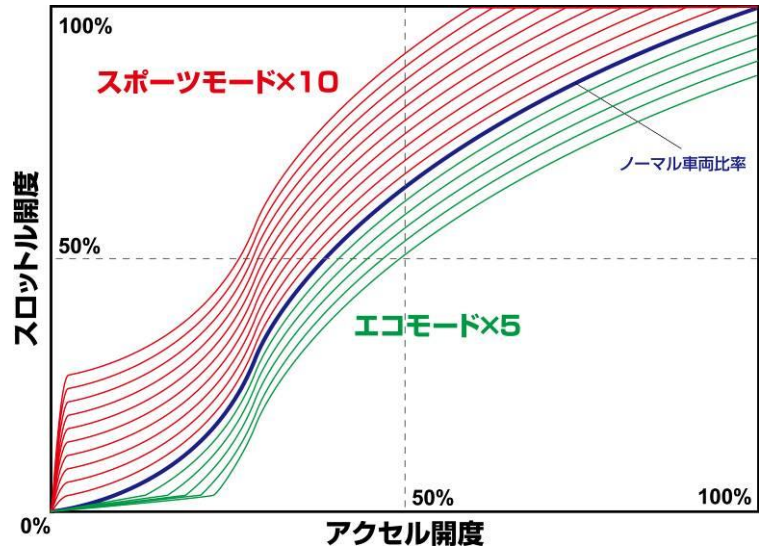
Compared to stock, the response becomes milder to support ecofriendly driving.



ECO4 (EC.4)



SPORT3 (SP.3)



● AUTO Mode

During AUTO mode the computer automatically regulates the control ratio depending on the amount and time the throttle is opened.

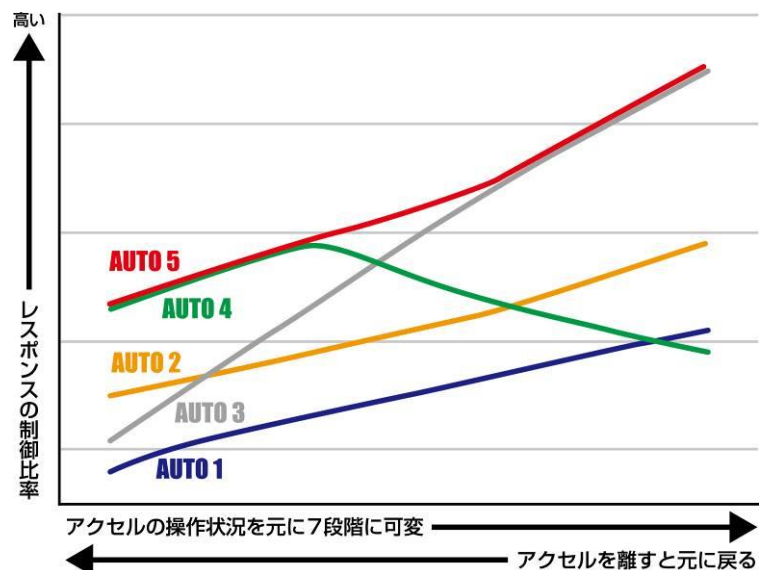
The characteristic of each of the 5 modes are distinct to allow drivers to find their favorite setting.

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



BLITZ INFORMATION

Product Information			
(Code No.)	(JAN Code)	(MSRP)	(Remarks)
BTSB1	4959094155317	¥40,000	
BTSC1	4959094155348	¥40,000	
BTSG1	4959094155409	¥40,000	
BTSG2	4959094155416	¥40,000	
BTSG3	4959094155423	¥40,000	
BTRG3	4959094155621	¥40,000	
BTSG4	4959094155430	¥40,000	
BTSP2	4959094155461	¥40,000	
BTHG2	4959094155546	¥40,000	HYBRID
BTEB1	4959094155584	¥40,000	EV
ATSM1	4959094155928	¥42,000	

Vehicle Compatibility

(Vehicle)	(Model Year)	(Model)	(E/G Model)	(Remarks)	(Code No.)
TOYOTA					
86 GR SPORT	18/07-	ZN6	FA20		BTSG1
CROWN HYBRID	18/06-	AZSH20, AZSH21	A25A-FXS	<Toyota Safety Sense> Compatible	BTHG2
SIENTA	18/09-	NSP170G, NSP172G, NCP175G	2NR-FKE, 1NZ-FE	Before and After MC, <Toyota Safety Sense> Compatible	BTSG2
		NHP170G	1NZ-FXE	Before and After MC, HYBRID, <Toyota Safety Sense> Compatible	BTHG2
HIACE	17/12-	GDH201V/K, GDH206V/K, GDH211K, GDH221K, GDH226K, GDH223B	1GD-FTV	<Toyota Safety Sense> Compatible	BTSC1
PASSO	18/10-	M700A, M710A	1KR-FE	Before and After MC, <Smart Assist III> Compatible	BTSG1
PIXIS EPOCH	17/05-	LA350S, LA360S	KF-VE	<Smart Assist III> Compatible	BTSG1
PIXIS TRUCK	14/09-	S500U, S510U	KF-VE	<Smart Assist IIIt> Compatible	BTSG1
MARK X GR SPORT	17/09-	GRX130, GRX133	4GR-FSE, 2GR-FSE		BTSG1

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(Vehicle)	(Model Year)	(Model)	(E/G Model)	(Remarks)	(Code No.)
TOYOTA					
LAND CRUISER PRADO	15/06-	TRJ150W, GDJ150W, GDJ151W	2TR-FE, 1GD-FTV	<Toyota Safety Sense> Compatible	BTSG1
REGIUS ACE	17/12-	GDH201V/K, GDH206V/K, GDH211K, GDH221K, GDH226K	1GD-FTV	<Toyota Safety Sense> Compatible	BTSC1
NISSAN					
NV350 CARAVAN	17/07-	VR2E26, CS4E26, CS8E26, KS2E26, KS4E26, VW2E26, VW6E26, CW4E26, CW8E26	QR20DE, QR25DE, YD25DDTi	Before and After MC, <Emergency Braking> Compatible	BTSB1
NOTE e-POWER	18/07-	SNE12	HR12DE	<Emergency Braking> Compatible	BTEB1
NOTE e-POWER AUTECH	18/07-	HE12, SNE12	HR12DE	<Emergency Braking> Compatible	BTEB1
NOTE e-POWER NISMO S	18/09-	HE12	HR12DE	<Emergency Braking> Compatible	BTEB1
NOTE AUTECH	18/07-	E12, NE12	HR12DE	<Emergency Braking> Compatible	BTSB1
LEAF NISMO	18/07-	ZE1	EM57	<Emergency Braking> Compatible	BTEB1
MAZDA					
CX-3	17/07-	DKEFW, DKEAW	PE-VPS, PE-VPR	<Advanced SCBS> Compatible	BTSG4
DEMIO	18/08-	DJ5FS, DJ5AS	S5-DPTS, S5-DPTR	Before and After MC, Diesel, <Advanced SCBS> Compatible	BTSG4
		DJLFS, DJLAS	P5-VPS	Before and After MC, 15MB, <Advanced SCBS> Compatible	BTSG4
ROADSTER	18/07-	ND5RC	P5-VP[RS], P5-VPR[RS]	Before and After MC	BTSG4
ROADSTER RF	18/07-	NDERC	PE-VPR[RS]	Before and After MC	BTSG4

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Vehicle Compatibility

(Vehicle)	(Model Year)	(Model)	(E/G Model)	(Remarks)	(Code No.)
SUBARU					
XV	17/05-	GT3, GT7	FB16, FB20	<Eyesight (Ver.3)> Compatible	BTSG1
SAMBAR TRUCK	14/09-	S500J, S510J	KF-VE	<Smart Assist IIIIt> Compatible	BTSG1
PLEO PLUS	17/05-	LA350F, LA360F	KF-VE	<Smart Assist III> Compatible	BTSG1
HONDA					
CR-V	18/08-	RW1, RW2	L15B	Turbo, <Honda SENSING> Compatible	BTSP2
N-VAN	18/07-	JJ1, JJ2	S07B (Turbo/NA)	<Honda SENSING> Compatible	BTSP2
FREED	16/09-	GB5, GB6	L15B	<Honda SENSING> Compatible	BTSP2
FREED+	16/09-	GB5, GB6	L15B	<Honda SENSING> Compatible	BTSP2
SUZUKI					
CARRY	13/08-	DA16T	R06A (NA)	2WD/4WD	BTSG3
XBEE	17/12-	MN71S	K10C	2WD/4WD, Turbo, <Dual Sensor Braking Support> Compatible	BTRG3
JIMNY	18/07-	JB64W	R06A (Turbo)	<Dual Sensor Braking Support> Compatible	BTSG3
DAIHATSU					
HIJET TRUCK	14/09-	S500P, S510P	KF-VE	<Smart Assist IIIIt> Compatible	BTSG1
BOON	18/10-	M700S, M710A	1KR-FE	Before and After MC, <Smart Assist III> Compatible	BTSG1
MIRA e:S	17/05-	LA350S, LA360S	KF-VE	<Smart Assist III> Compatible	BTSG1
MIRA TOCOT	18/06-	LA550S, LA560S	KF-VE	<Smart Assist III> Compatible	BTSG1
BMW					
MINI COOPER S	18/05-	CBA-XR20	B48A20A	F56 2.0L Turbo	ATSM1
MINI COOPER SD	18/05-	LDA-XN20M	B47C20A	F56 Diesel	ATSM1

※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.

<http://www.blitz.co.jp/>