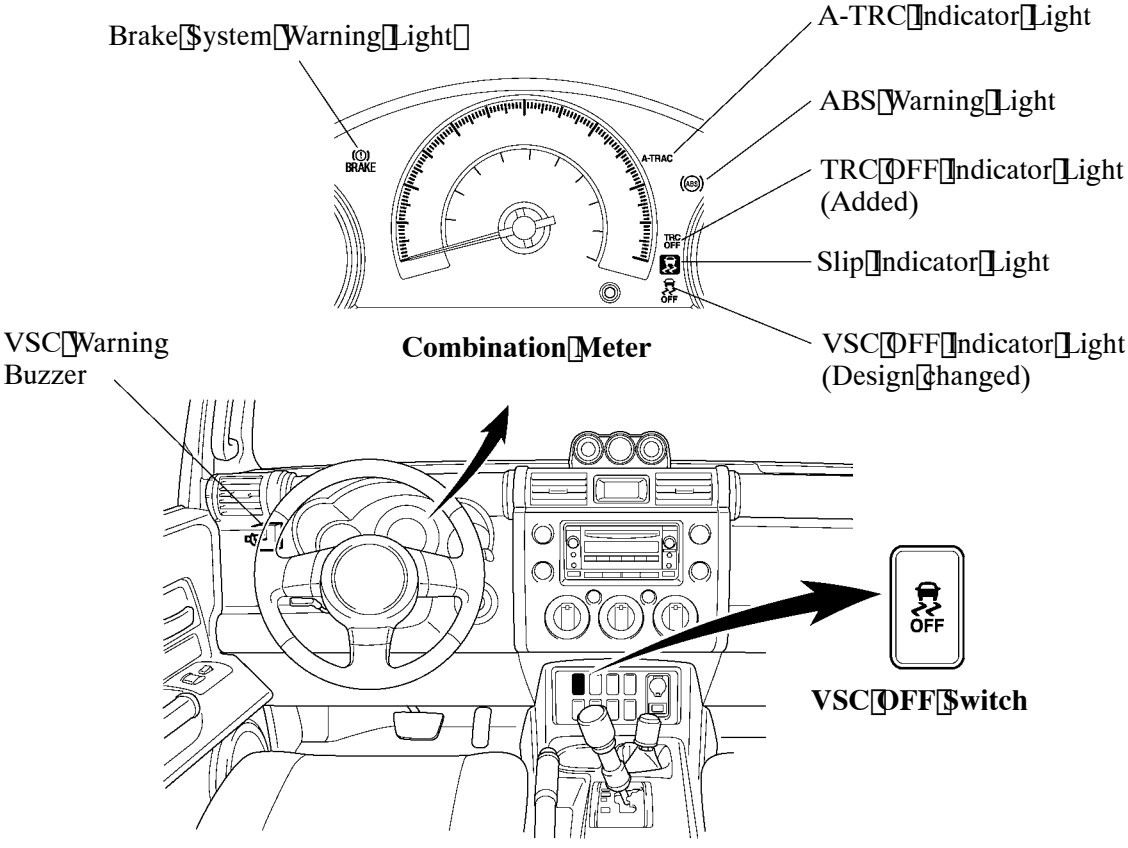
NEW FEATURES

■ BRAKE CONTROL SYSTEM (ABS with EBD, Brake Assist, TRC, A-TRC, and VSC)

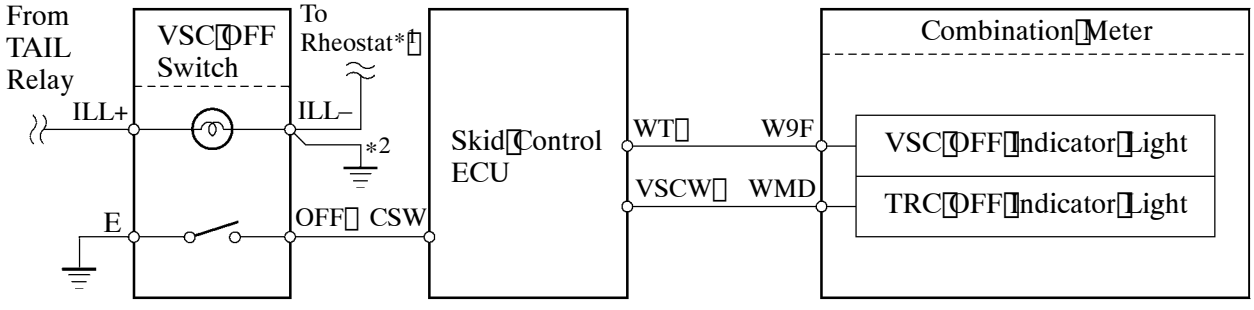
1. General

- A VSC OFF switch is used on models other than those for China. Various brake control functions can be activated or deactivated by operating the VSC OFF switch.
- Normal mode, TRC-OFF mode or VSC-OFF mode can be selected by operating the VSC OFF switch.
- The design of the indicator lights in the combination meter and illumination state of respective lights regarding the brake control system have been changed. For details about the design of the indicator lights, refer to page 3.
- The VSC function is also operational during HL mode for full-time 4WD models (M/T) and H4 mode for part-time 4WD models (A/T).



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▶ Wiring Diagram ◀



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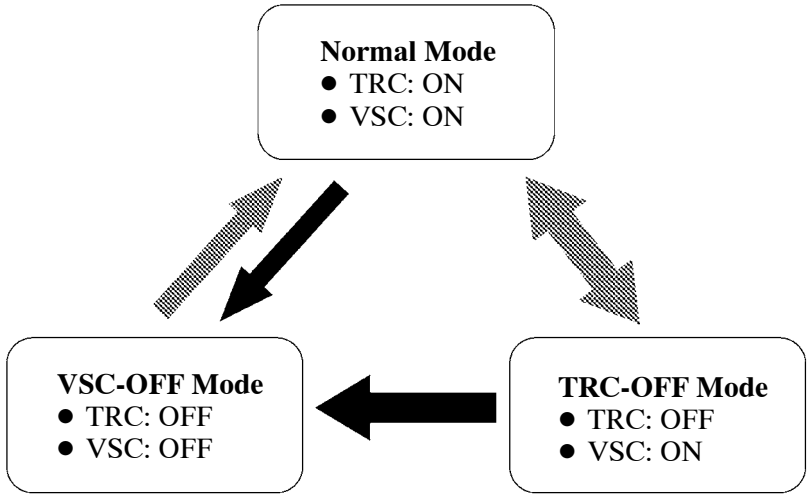
*1: Models for general countries
*2: Models for middle east

2. Function of VSC OFF Switch

The VSC OFF switch can select the 3 modes [Normal mode, TRC-OFF mode, VSC-OFF mode].

- Briefly pressing the VSC OFF switch in Normal mode selects the TRC-OFF mode, disabling the TRC function.
- Pressing and holding the VSC OFF switch for 3 seconds or more with the vehicle stopped selects the VSC-OFF mode, disabling TRC and VSC functions.
- After the ignition switch is turned OFF in the TRC-OFF mode or VSC-OFF mode, turning the ignition switch ON (IG) again selects the Normal mode.
- The switch operation has no effect on the brake control functions during LL mode for full-time 4WD models (M/T) and L4 mode for part-time 4WD models (A/T) because the TRC and VSC are inoperative in those modes.

▶ H2, H4, H, HL mode ◀



: Switch Operation (Press shortly).

: Switch Operation.
(Keep pressing for 3 seconds with the vehicle at a standstill).

- The operations of the brake control functions and the illumination state of the respective indicator lights in each mode are as follows:

○: Controlled ×: Not Controlled

Item	Brake Control Function		TRC OFF Indicator Light	VSC OFF Indicator Light
	TRC	VSC	TRC OFF 07DBE201TE	OFF 10FCH15TE
Normal Mode	○*1	○	—	—
TRC-OFF Mode	×	○	Light ON	—
VSC-OFF Mode	×	×*2	Light ON	Light ON

*1: The engine output is not regulated during H4 and HL modes.
*2: The control is effected during braking or while the yaw rate is large.

3. Warning and Indicator Lights and VSC Warning Buzzer

The warning and indicator lights and VSC warning buzzer operate as follows. Also, changes made to the new FJ CRUISER are enclosed by bold lines.

○: Illuminates △: Blinks

Condition		Warning Light		Indicator Light				VSC Warning Buzzer
		BRAKE 03NCH007Y	ABS 07DCH203TE	TRC OFF 07DBE201TE	OFF 10FCH15TE	03NCH009Y	A-TRAC 10FCH22TE	
Initial Check		○	○	○	○	○		
During Operation	TRC					△		
	A-TRC					△	○*6	
	VSC					△		Intermittent Sound
TRC-OFF Mode				○	○			
VSC-OFF Mode				○	○			
Driving Mode	HL*1, H4*2							
	LL*1, L4*2			○	○	△*4	○*6	
	Rear Diff. Lock*3		○	○	○	△*4	○*6	
During Hydraulic Brake Booster Protection						○*5		Intermittent Sound*5
Cannot operate due to a malfunction	ABS/Brake Assist		○			○		
	EBD	○	○			○		
	TRC					○		
	A-TRC					○		
	VSC					○		
Others	Low Brake Fluid Level	○	○			○		
	Zero point calibration of yaw rate & deceleration sensor not done					○		
	Low Accumulator Pressure	○	○			○		Continuous Sound
	Skid Control ECU Malfunction	○	○					

*1: Full-time 4WD models
*2: Part-time 4WD models
*3: Models with Rear Diff. Lock
*4: When A-TRC is activated
*5: An extreme rise in the temperature of the hydraulic brake booster causes the VSC warning buzzer to sound. Further rise in the temperature causes the VSC warning buzzer to sound (continuously for 3 seconds) and the slip indicator light to come on.
*6: This indicator light turns on when the A-TRC is operational (standby state) with the A-TRC switch pressed.