

# Safety Precautions for adding Earth to New Model Cars !

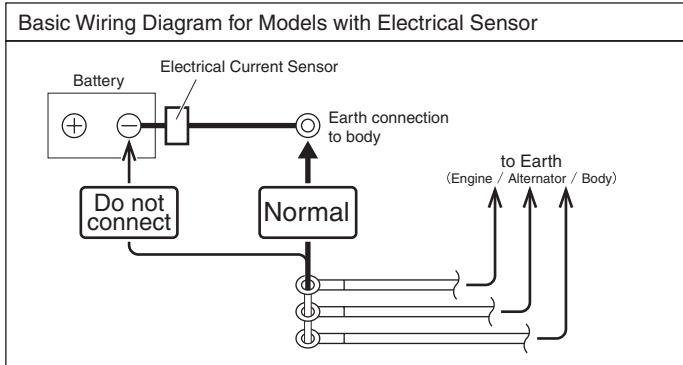
Adding Earth to Models with Electrical Current Sensor connected to Battery's ⊖ Terminal.

- Affected Makers** New type Toyotas, Mazda, daihatsu, Nissan and some non-Japanese model cars.
- Non-affected Makers** Honda, Suzuki, Mitsubishi, Subaru, Volkswagen cars. (As of March, 2008)

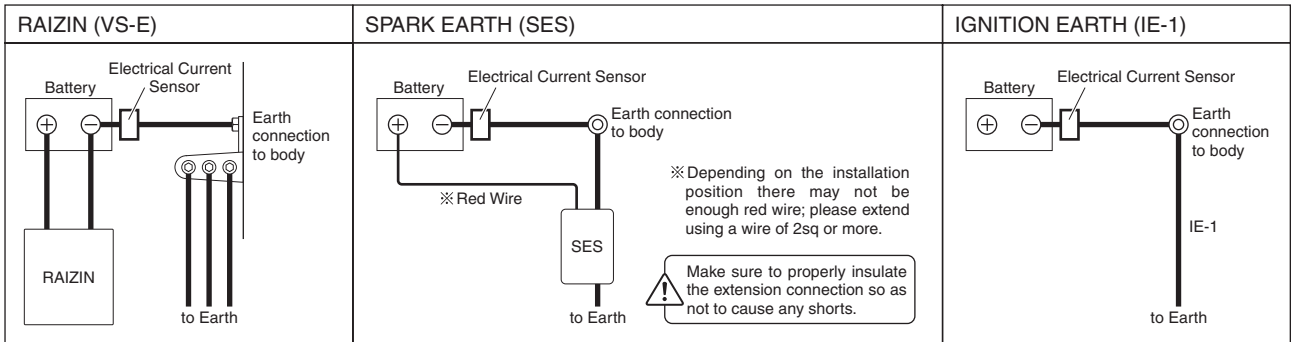
※Honda and Suzuki model cars have the electrical current sensor on the plus ⊕ side and hence there is no trouble with the usual method.

Examples of car models which have the electrical current sensor on the minus ⊖ terminal side

TOYOTA		NISSAN				DAIHATSU		MAZDA	
Vitz	NCP91/95	WINGROAD	Y12	NOTE	E11	SONICA	L405/415S	DEMIO	DE5FS
	SCP90	ELGRAND	E51	BLUEBIRD		MOVE	L175/185S		DE3FS
	KSP90	CUBE	Z11	SYLPHY	G11	MIRA	L275/285S	MPV	LY3P
ESTIMA	GSR50/55W	SKYLINE	V36	FUGA	Y50	TANTO	L350/360S		
	ACR50/55W	SERENA	C25	MARCH	K12				
Ractis	NCP100	TIIDA	C11	LAFESTA	B30				

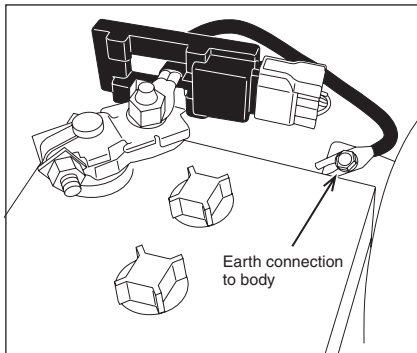


When wishing to add an earth connection for new type car models which in order to control battery recharging have a "electrical current sensor" connected to the ⊖ battery terminal do not take the earth directly from the ⊖ terminal but rather from the earth connection on the body which is taken from the sensor. If earth is taken directly from the ⊖ terminal recharging control may not work properly and there is a possibility that performance will be adversely effected.

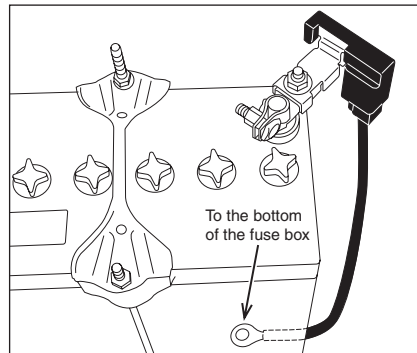


## Examples of Various Electrical Current Sensors

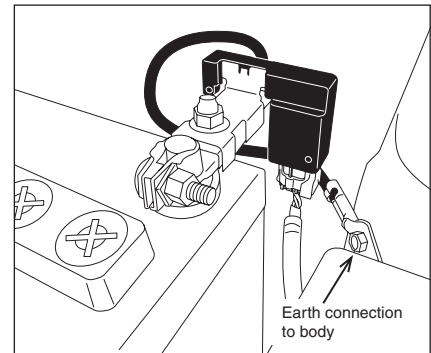
MAZDA DEMIO DE3FS



NISSAN NOTE E11(2008.1~)



TOYOTA Ractis NCP100



※Some car models will have the "electrical current sensor" connected away from the battery in a place that may not be visible. For details check with your dealer or if unsure connect the earth to the same place on the body.

※The installation position and the shape of the electrical current sensor may be different before and after minor model changes; please consult your car dealer for details.

※Direct Connection of Voltage Stabilizer is OK

There is no problem with directly connecting our Voltage Stabilizer directly to the ⊕ and ⊖ terminals of the battery.