

# ENGINE CONTROL SYSTEM RELATION CHART [ZJ, Z6]

B3E014000140T06

- Each control system and their related input and output parts are as follows.

X: Applied

Item	IAC	VARIABLE INTAKE-AIR CONTROL (Z6)	VARIABLE TUMBLE CONTROL	VARIABLE VALVE TIMING CONTROL	FUEL INJECTION CONTROL	FUEL PUMP CONTROL	ESA CONTROL	EVAPORATIVE PURGE CONTROL	EGR CONTROL	HO2S HEATER CONTROL	A/C CUT-OFF CONTROL	ELECTRICAL FAN CONTROL	STARTER CUT-OFF CONTROL	GENERATOR CONTROL	CAN
<b>Input device</b>															
Neutral switch (MTX)	x				x		x				x				
CPP switch (MTX)	x				x		x				x				
PSP switch	x				x		x				x				
ECT sensor	x		x	x	x		x	x	x	x	x	x		x	
IAT sensor	x				x		x	x	x	x				x	
PCM temperature sensor											x	x			
CKP sensor	x	x	x	x	x	x	x	x	x	x	x			x	
CMP sensor				x	x		x								
TP sensor	x		x	x	x		x	x	x	x	x	x			
MAF sensor	x			x	x		x	x	x	x					
Front HO2S					x			x							
Rear HO2S					x										
BARO sensor	x				x					x					
KS							x								
Ignition switch															
Vehicle speed signal	x				x				x			x		x	
TR switch (ATX)	x				x		x				x				
Brake switch					x		x	x							
Instrument cluster (A/C on request signal)	x				x		x				x	x			
Refrigerant pressure switch (low pressure)	x				x		x				x	x			

switch, high pressure switch)															
Refrigerant pressure switch (medium pressure switch)	x											x			
Instrument cluster (Engine stop request signal)					x	x	x						x		
Generator (Terminal P: stator coil)														x	
Battery					x			x		x		x		x	
ABS HU/CM (With ABS) (CAN signal)															x
DSC HU/CM (With DSC) (CAN signal)															x
Instrument cluster (CAN signal)															x
<b>Output device</b>															
IAC valve	x														
Variable intake-air shutter valve actuator (Z6)		x													
Variable tumble shutter valve actuator			x												
OCV				x											
Fuel injector					x										
Fuel pump relay						x									
Ignition coil							x								
Purge solenoid valve								x							
EGR valve									x						
Front HO2S heater										x					
Rear HO2S heater											x				
A/C relay											x				
Fan control module												x			
Starter relay													x	x	
Generator (Terminal D: field coil)														x	
ABS HU/CM (With ABS) (CAN signal)															x
DSC HU/CM (With DSC)															x

(CAN signal)															
Instrument cluster (CAN signal)															x