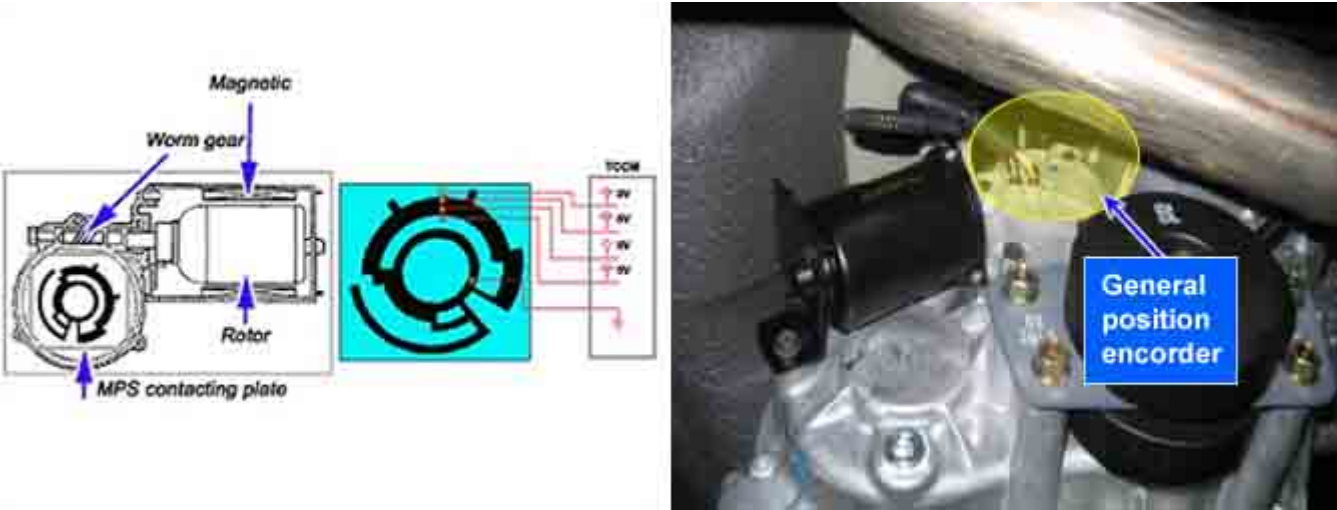


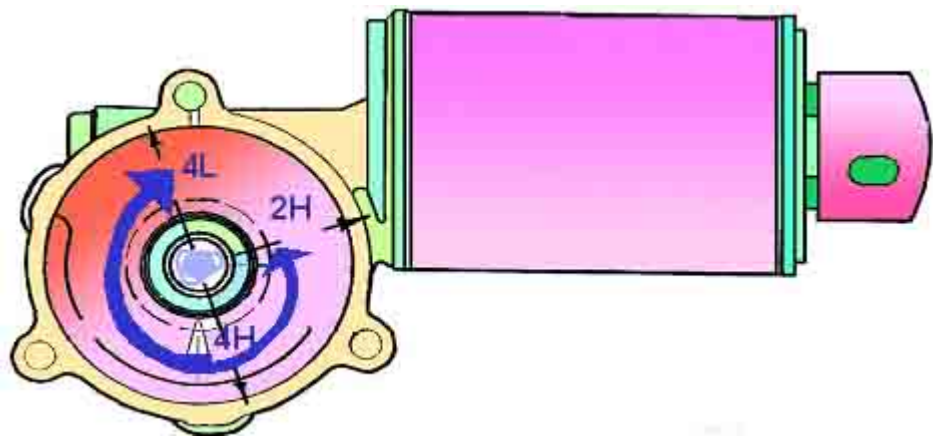
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COMPONENT LOCATION



GENERAL DESCRIPTION

5 volts from TCCU is sent to MPS. In cases where the mode switch is changed; the shift motor is operates, and MPS contact point creates an ON/OFF signal. When 5 volts is recieved by the TCCU, it monitors operation of shift motor. There are 4 digital inputs for the shift motor position sensor. These 4 inputs are combined to make 16 possible Gray codes. The sense plate does not use all of these codes and non-used codes are considered invalid.



DTC DESCRIPTION

This trouble code is set when input value in case position encorder value is dfferent from the pre-defined value in TCCU.

DTC DETECTING CONDITION

Item	Detecting Condition	Possible Cause
DTC Strategy	gray code	- Position Encoder,TCCU connector looseness and poor terminal to wire connection. - Position Encoder circuit open or short to ground or B+. - Faulty Position Encoder. - Faulty TCCU.
Enable Conditions	Ignition cycle	
Threshold Value	Invalid Code	
Diagnostic Time	1.0 sec	

MIL on condition	• No Flash	English ▼  
DTC Clear	• By K-Line Tool	

SCHEMATIC DIAGRAM



Kliknij prawym przyciskiem myszy, by uruchomić wtyczkę Adobe Flash Player

SIGNAL WAVEFORM

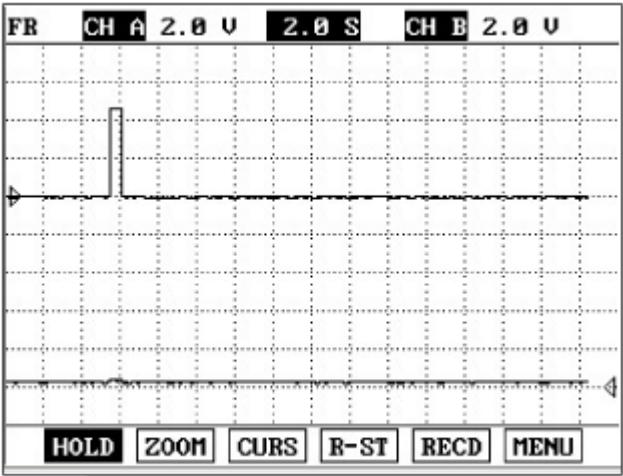


FIG.1

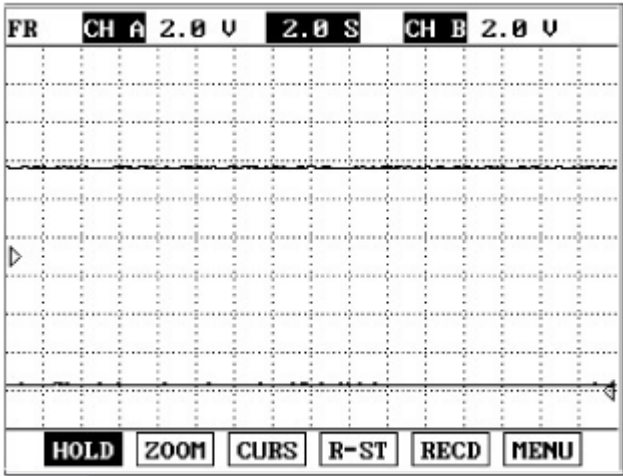


FIG.2

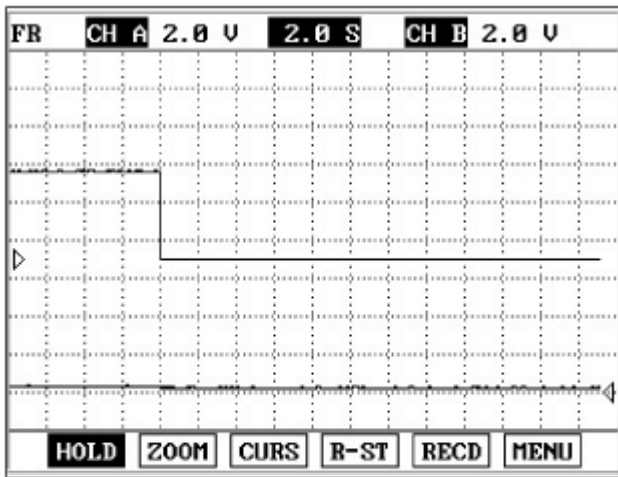


FIG.3

FIG.1) General position encorder Signal:<1, 5 Terminal>

FIG.2) General position encorder Signal:<2, 5 Terminal & 3,5 Terminal>

FIG.3) General position encorder Signal:<4, 5 Terminal>

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