

8.16

An error is generated in communication with serial pulse coder.

ALARM 351 (SERIAL PULSE CODER COMMUNICATION IS ABNORMAL)

Points

Check the details by the diagnostic function of the CNC.

	#7	#6	#5	#4	#3	#2	#1	#0
DGN	0202	CSA		PHA	RCA		CKA	SPH

#7(DTE) Data error has generated.

#6(CRC) Serial communication error has generated.

#5(STB) Stop bit error has generated.

1) #7(DTE):Response from serial pulse coder is absent.

1 Signal cable is disconnected

2 Serial pulse coder is faulty. ⇒ See note 1.

3 +5V to the serial pulse coder is lowered.

2) #6(CRC),#5(STB):Serial communication is in faulty

1 Signal cable is disconnected.

2 Serial pulse coder is faulty ⇒ See Note 1.

3 Main CPU board or Option 2 board is faulty ⇒ See Note 2

Causes**CAUTION**

- 1 After the serial pulse coder is changed, reference position or machine's standard point is different from the one before replacement. Therefore reset and adjust it again.
- 2 All the data stored in memory is lost when the main board is changed. Set NC data again, referring to "chapter 3 data input/output".