yes

Writes the received speed value

Transmits the speed value that is stored at EEPROM

If state value is not 1

SYS\_INIT

Enabling

GIE

PEIE

Transmits the state value that is stored at EEPROM

EEPROM\_Write (Address, State value)

baud rate

CAWN

BRGWN

CIOCON

Can\_init()

Clearing Tristate bits, enabling peripheral buffers, setting priority to interrupts

Interrupt

Turning on indication LED

If no speed input is received

Receives the speed Input from CAN Transmitter

no

No yes

Warning LED is on.

Writes the formatted speed value