Hardware Block diagram

Output to ON/OFF CC ECU

Indication LED

Input to ON/OFF CC ECU

Button

Can Interface

PIC 18F458

MCU

Status of CC ECU

output

Output to give warning

Speed input

Speed input

Warning LED

System Block diagram

Button (input)

To set the CC ECU ON or OFF

CC ECU IS ON

Turns on Indication led

(ecu ON)

Warning led is turned ON

zero speed input

State of indication LED

ENHANCES or DECREASES the input speed based on its value

CAN interface (Input)

SPEED

Formatted SPEED

Transmits the same speed to CAN receiver

SPEED

SPEED