ECU Upgrade

[ECI Connection Guide]

GiT
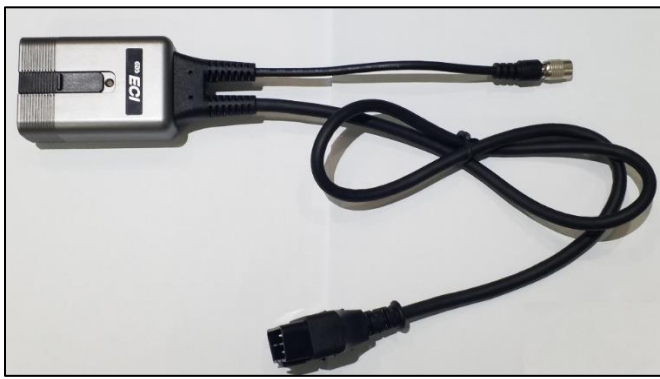
Contents

1. Overview

   This document guides the procedure needed for ECU upgrades using Ethernet communication, specifically for connecting GDS M/KDS with ECI. (One-time setup required for the initial connection between GDS-M and ECI)

2. Components

   A. 1 x ECI (Ethernet Communication Interface)

   B. 1 x 5-pin cable, 1 x C-type cable

   C. 1 set of GDS M/KDS equipment

3. Connection Between Components
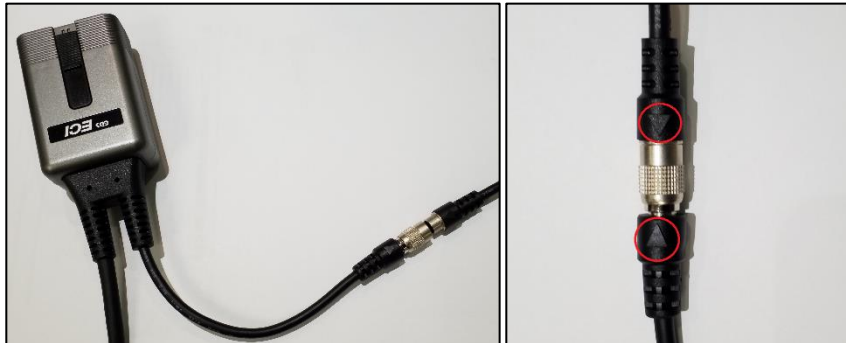
A. Method of Connection

    i.   Connecting between GDS M/KDS and the cable

Connect the cable (5-pin or C-type) to the tablet using the USB port that matches the cable.

    ii.   Connecting Cable and ECI
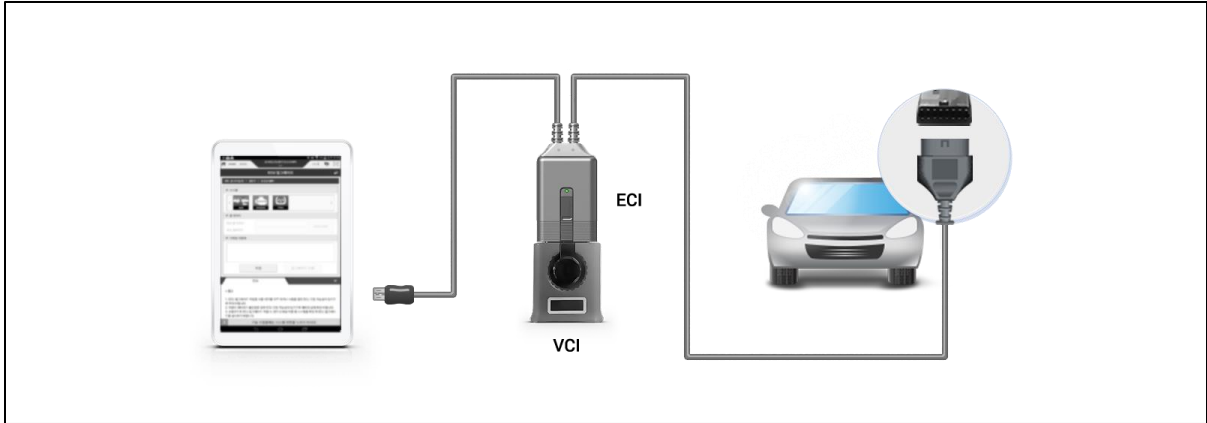Connect the cable to the ECI by aligning the arrows on the cable and ECI.

iii.   Connecting VCI II, ECI

Connect the VCI II to the ECI.

iv.   Connecting ECI, Vehicle

Connect the ECI cable to the vehicle's OBD port. (It doesn't matter if the vehicle does not require Ethernet communication. Only the power supply to the ECI is necessary.)
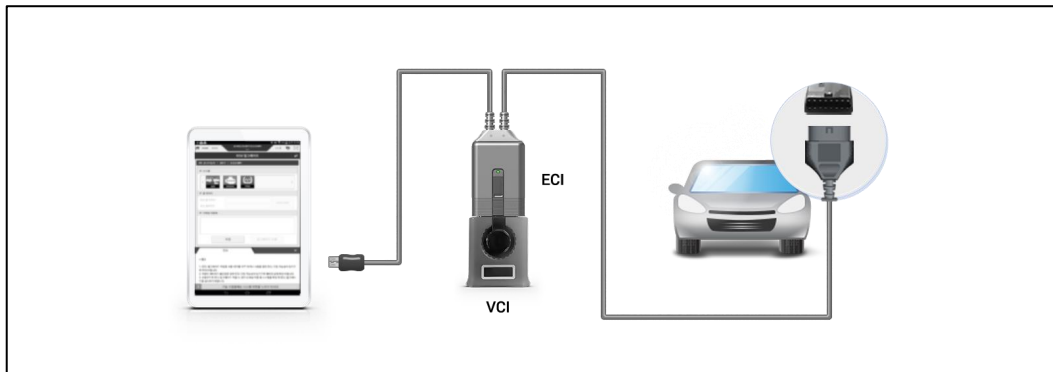
B. Schematic of ECI Connection

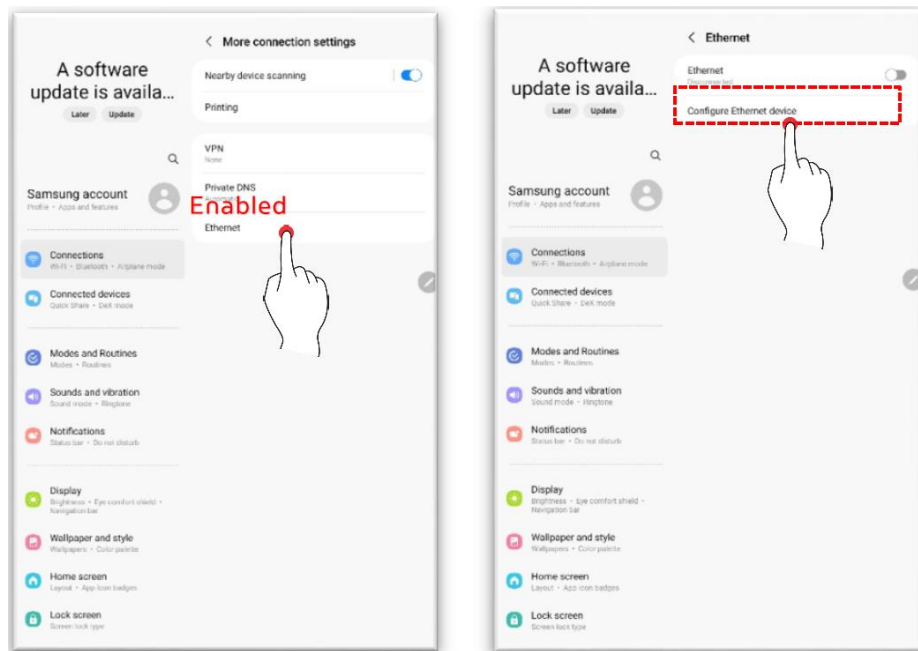# 4. Initial Tablet IP Setup for Ethernet Communication

A. Connecting the Equipment to the Vehicle

Connect the GDS-M to the vehicle's OBD port as shown in the diagram below.

B. Setting the Tablet's Ethernet IP

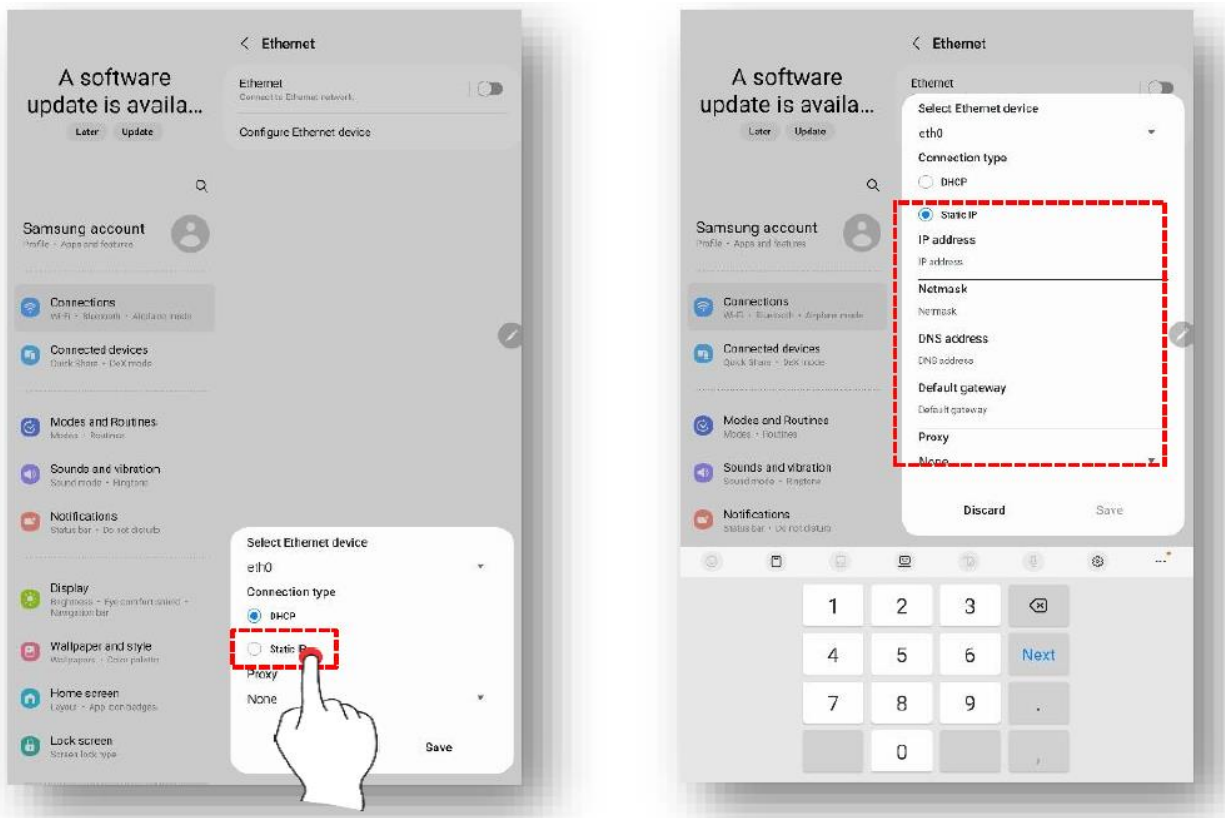i.   Go to Settings 〉 Connections 〉 Select Ethernet 〉 Ethernet device configuration

(The screen layout may differ depending on the Android OS version of the tablet. It could be Settings 〉 More Connection Settings 〉 Ethernet) – If the Ethernet option is disabled despite the

vehicle OBD port and the ECI OBD cable being correctly connected (VCI-II green LED is on), check if reattaching the ECI USB cable to the tablet's USB port enables it.

C. IP Settings

i. Ethernet Device Configuration > Static IP

ii. Enter the Static IP and Save

Static IP Address for Reference	
IP	10.0.128.0
Netmask	255.0.0.0
DNS address	8.8.8.8
Default router	10.0.128.0