

## DAIHATSU immo emulator

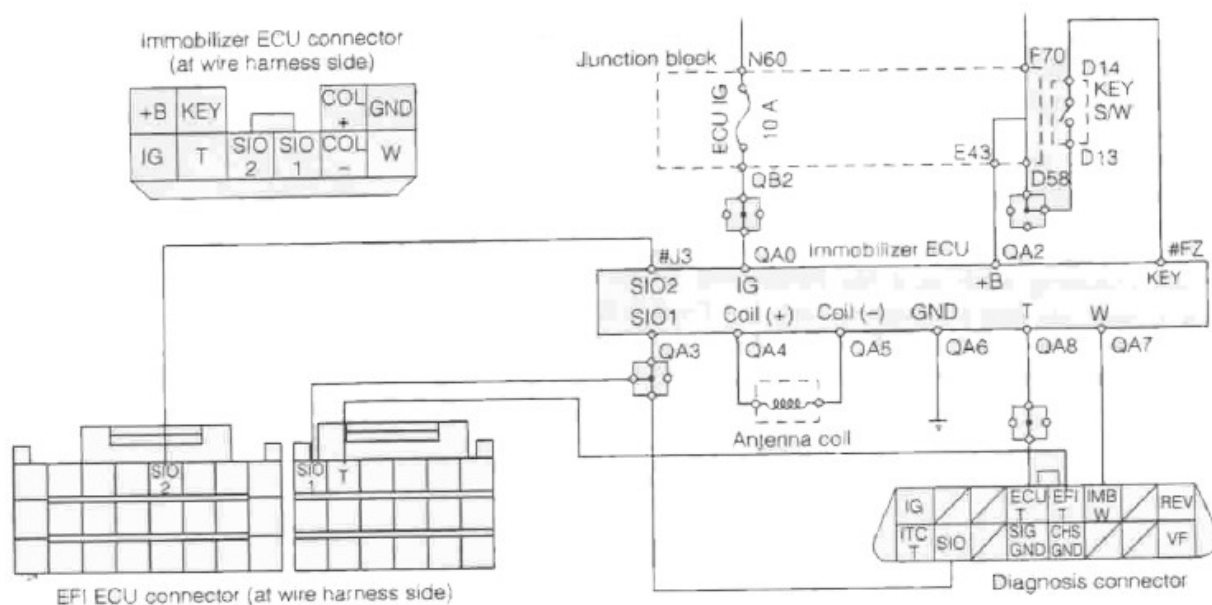
For RI-11GDH  
immobilizer system

### Description :

For *Daihatsu YRV*, *Terios Mk1* and similar. Emulates fully working immobilizer. Plug & Play, no configuration or alignment necessary, adapts to any ECU (no virgin state necessary). MY covered: starting from 2000 and up to 2006, all cars with RI-11GDH immo system from Tokai Rika on board.

### Installation on car:

Must attach 3 wires: **+12v** (IG), **GND**, **LINE** (SIO2). Original immo wiring diagram:



### LED on emulator board:

- **1 short blink** at startup, always. Then must observe:
- **1 long blink**: means ECU is authorized, or **4 short blinks**: ECU is not authorized. This may happen when codes stored into ECU doesn't match codes stored into emulator (first run). Switch on ignition, wait some seconds, turn ignition off, **wait until ECU main relay switches off**. Repeat this procedure 3...4 times until long blink occurs at IGN ON first time. Again – turn off, wait for main relay OFF (15..20 seconds) – it is very important at this step. ECU and EMULATOR are both aligned now, car is ready to start.
- If no activity after 1<sup>st</sup> short blink – most likely there are communication problems with ECU.