

Stock Wiring Harness Installation Guide: FT ECU 2015 Yamaha R1 Auto-Blip Kit

- Step 1:** Remove and disconnect the stock Quickshift sensor (QSS) from your bike. (See Fig1.)
- Step 2:** Connect provided harness in place of OEM QSS sensor. (See Fig7.)
- Step 3:** Expose the ECU and ECU couplers on left hand side of the bike. (See Fig2. & Fig3.)
- Step 4:** Disconnect the larger 3 row coupler from the ECU. Unlock the coupler pins by pushing in on the white plastic locking tabs (Fig4.) You should hear the coupler click as the lock disengages.
- Step 5:** Looking at the back of the larger 3 row coupler (where pins and wires are inserted) Remove the existing Green wire with Blue Trace from pin position 4. Use the supplied heat shrink tubing to insulate the removed contact. (See Fig5.)
- Step 6:** Insert the Green wire from the provided QS harness into pin position 4. (See Fig5. & Fig7.)
- Step 7:** Lock the coupler pins by pressing both sides of the locking mechanism simultaneously (Fig6.) If the connector does not lock, check for loose or incorrectly seated contacts.
- Step 8:** Install the provided Push and Pull sensors to match your shift pattern. Depending on your shift pattern and reaset configuration you may need to connect the Push or Pull sensor to the QSS side of your harness. The act of upshifting will either push or pull on the shift rod which determines which sensor to connect to the QSS side of your harness. This can also be verified using Diagnostic Mode 86 (see Service Manual) The other sensor will need to be connected to provide and auto-blip signal to the ECU.



Fig1. Stock QS Sensor Location



Fig2. Body Work Bolt Locations



Fig3. ECU Cover Panel



Fig7. AUTOBLIP HAR

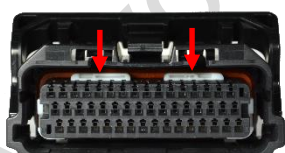


Fig4.Unlock Pins



Fig5.Pin Location

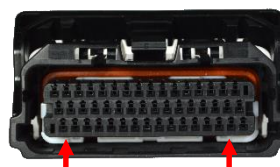


Fig6.Lock Pins