

SPECIAL WIRING HARNESS INSTALLATION INSTRUCTIONS

For 38220A04-H3BP TruGreen PTO on 2007 Fuso Chassis

1. Make sure engine is turned off and the parking brake is set. Put ignition keys in your pocket. Chock the wheels.
2. Remove front decorative grill panel and pull out rubber grommet surrounding the transmission shift cable.
3. From inside the cab, carefully fish the two two-pin connectors and ground terminal between the floorboard and the shifter cable shroud.
4. Release cab locks and tilt cab forward.
5. Route the leads around the driver side to the indicator switch and plug in the connector (Black w/Blue). Also make the connection to the PTO coil (all black connector). Route the ground lead to the battery box and connect to the ground terminal on the battery.
6. Secure all leads to chassis making sure the leads are away from any heat sources or moving items.
7. Lower and lock the cab into the driving position.
8. Remove flat rectangular knockout plate located on passenger side of steering column and below main gauge panel. Cut out hole in plate to accept rocker switch. Install rocker switch into plate.
9. Route switch plug up behind dash and through the dash opening. Plug switch into harness plug. Then install switch and plate assembly into dash opening.
10. Locate the three wire female connector for the ISAP control (under dash in same area as newly installed rocker switch). If an ISAP controller is already installed, disconnect the controller (not needed for this type of installation). Plug the three male spade terminals into the connector as follows:
Terminal 1 – Top Center Terminal 2 – Lower Left Terminal 3 – Lower Right
Secure these three leads to the connector with electrical tape.
11. Route the parking brake lead over to the drivers side front corner of the floorboard and find the “Black w/ White Stripe” parking brake lead (just under corner of floor mat and wrapped in tape) and splice into this lead using provided butt connector. Use electrical tape or heat shrink to seal this connection.
12. Remove fuse panel cover. Route the 12V “+” lead up behind the dash into the fuse panel area and connect to one of the empty fuse slots. Replace fuse panel cover.
13. Remove keys from pocket and start the engine. With foot off of brake and accelerator, activate PTO rocker switch. PTO should engage and engine RPM should ramp up. Note: There will be a 1-2 second delay between PTO activation and engine advance. Adjust the RPM controller (using small screwdriver) to desired engine RPM. Test harness control by releasing the parking brake. The PTO should disengage and the engine RPM should drop to idle. Note: There will be a 1-2 second delay between PTO disengagement and RPM drop. Reset parking brake. PTO engagement and elevated RPM should return. Disengage PTO and shut down engine.
14. Cover the RPM controller adjustment screw with electrical tape. Secure all wiring up under dash and away from moving components. Replace floorboard grommet (some material may need to be removed to allow for the new harness). Replace grill panel. Remove wheel chocks before moving vehicle.

PTO OPERATING INSTRUCTIONS

PTO Engagement

1. With engine running, place transmission in “P” park and set parking brake. Note: Parking brake must be set for PTO operation to occur.
2. Activate PTO rocker switch.
3. The PTO will engage and after a 1-2 second delay, the engine will automatically advance.

PTO Disengagement

1. Turn PTO rocker switch off.
2. PTO will disengage and after a 1-2 second delay, the engine advance will drop back to idle.

