



**Tractor
Electronic PTO Speed Control**

**Installation Manual Addendum
for
Kubota M8540**

For Kubota M40 Series Tractor (M8540 Narrow cab version)

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MOTORCYCLE CRUISE CONTROLS

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This manual shows the differences in the installation of the PTO cruise control for the Kubota M8540 Narrow Cab Version.

Use this manual in conjunction with the installation manual for the Kubota M9540 tractor.

6. PREPARING THE VEHICLE FOR SPEED CONTROL INSTALLATION

Use the direction from the M9540 manual to perform the following steps:

- Battery disconnection

The following instructions show the differences in the M8540

Disconnect the battery ground.

Pull the release and lift the engine cover.

Disconnect the cable from the negative terminal of the battery.

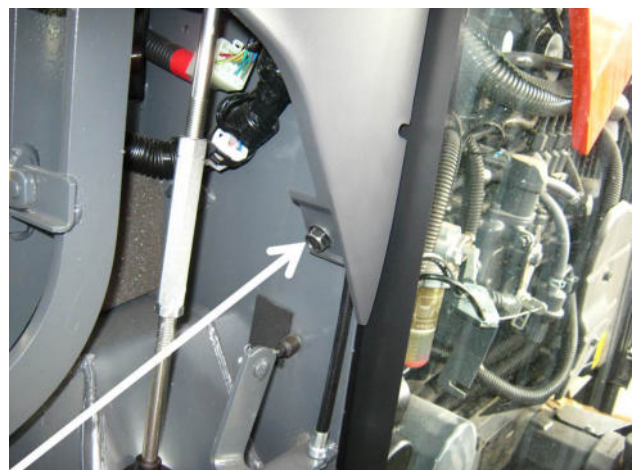
Ensure the lead cannot touch the battery terminal.

Remove the dashboard top cover.

This is held with four bolts and a screw.

The bolts are located near the bottom, and each side of the steering column.

Remove the bottom bolts, one each side.



Remove the bolts next to the steering column, also one each side.



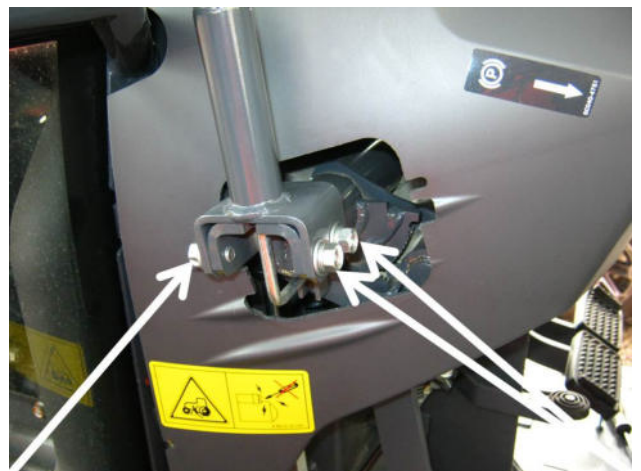
Remove the screw above the instrument cluster.



Remove the handbrake lever.

Slide the rubber boot off the lever.

Remove the three bolts (arrowed) and remove the lever.



Tilt the steering wheel down as far as it will move, move it away from the instruments.

You can then manoeuvre the dashboard cover off the dashboard.



Remove the vehicle floor mats, to route switch wires to the rear.

NOTE: - This is only required if the cruise control switch is to be mounted on top of the right wheel arch instead of the dashboard.

Remove the rubber floor mat from the cabin.



Remove the underlay from the cabin.



7. INSTALLATION

Installing the electric throttle servo.

The servo mounting is a little different on the M8540.

The mounting uses a single bolt instead of the two bolts used on the M9540.



Attach the servo cable to the servo as per the M9540.

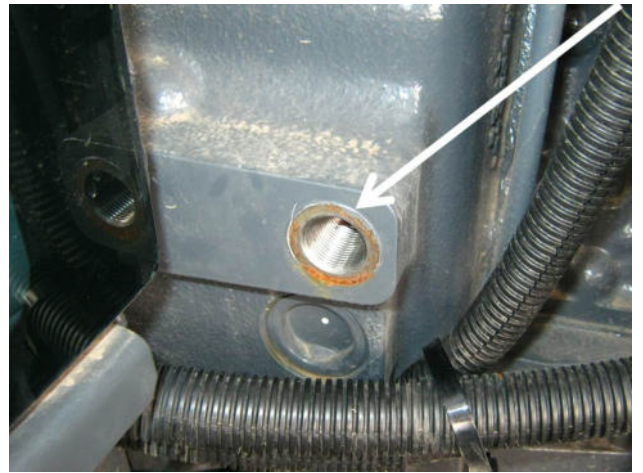
Mounting the throttle servo.

The servo mounting is a little different on the M8540.

The servo will be mounted on the upper implement mounting hole on the right side of the engine.



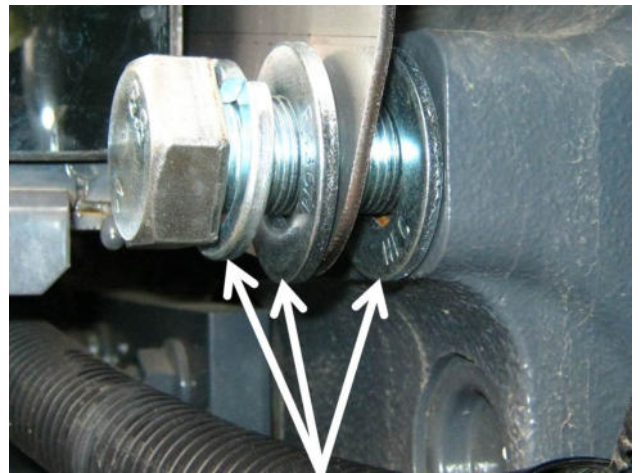
Remove the rubber plug from the hole.



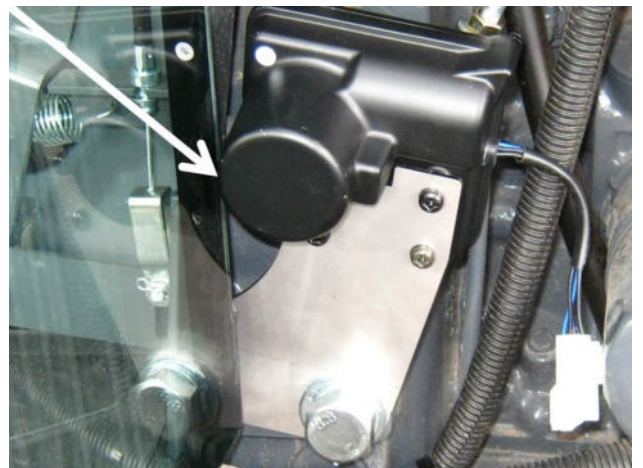
Mount the servo to the implement hole using the supplied bolt and washers.

Mount the servo using one bolt, a spring washer and two flat washers.

Place the spring washer on the bolt, then one flat washer, the servo bracket, then the second flat washer.



Tighten the bolt while ensuring there is a small gap between the servo and the cabin glass, at least a 5mm gap (arrowed).



The rest of the servo installation and cable connection is the same as the M9540.



Installing the computer.

The computer is mounted in the same location as the M9540, but is attached to the front dash panel and the windscreen instead of the air demister vent.

Apply Velcro tape to the underside of the computer.



Apply Velcro tape to the rear dash panel and the windscreen (arrowed).

Fit the computer to the Velcro strips.

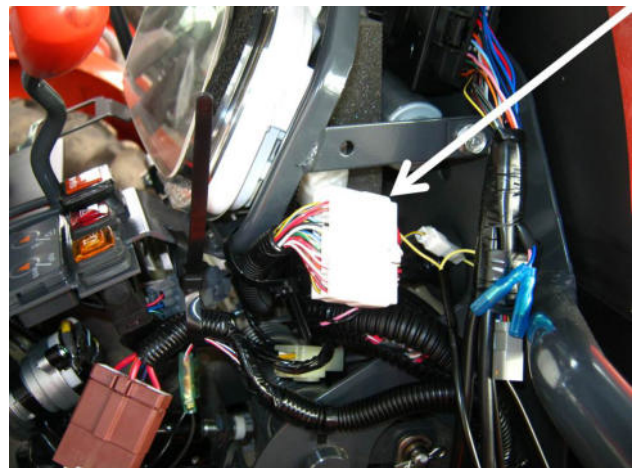


Installing the wiring harness.

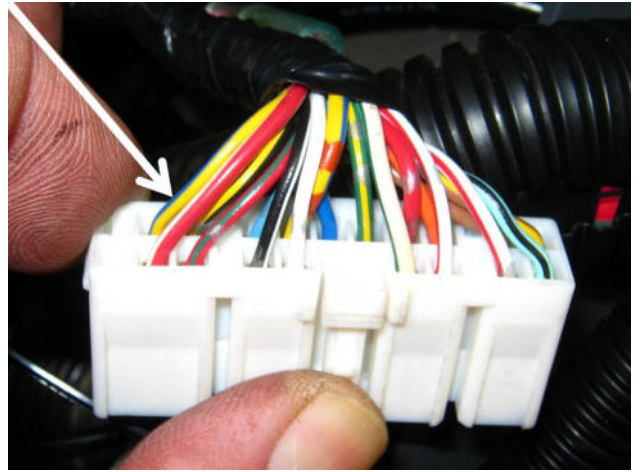
Speed sensor connection.

Most of the wiring harness installation is the same as the M9540, apart from the speed sensor connection.

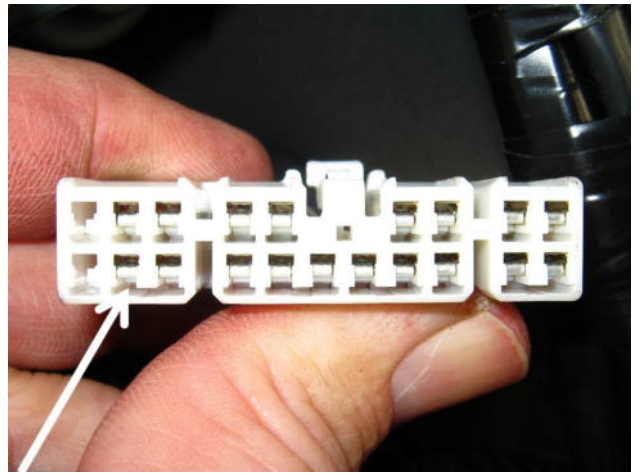
The multi-way plug that is under the floor on the M9540, is beside the instrument cluster on the M8540.



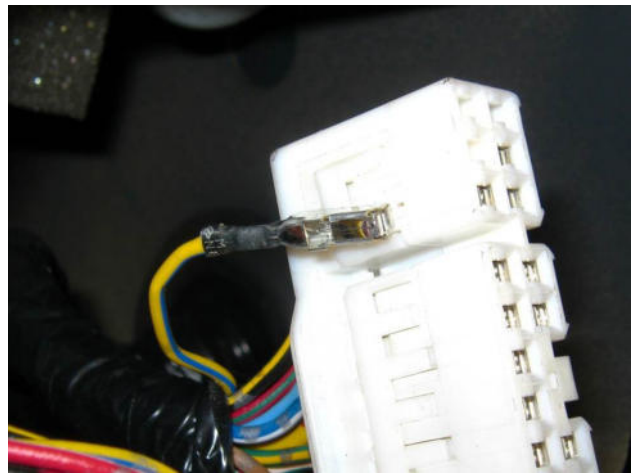
The yellow/blue engine speed sensor wire is in this position in the connector.



The yellow/blue engine speed sensor wire is on this terminal.



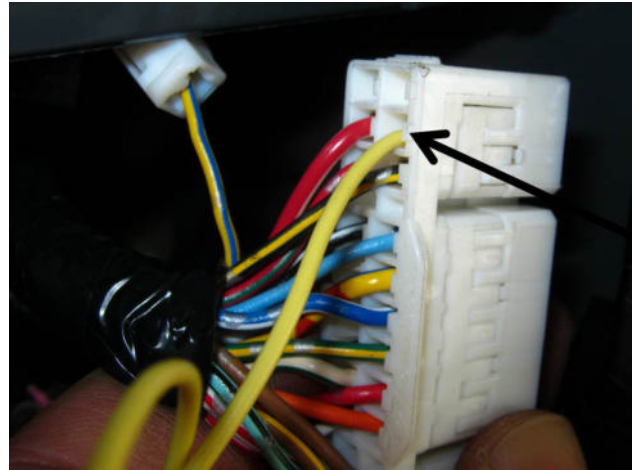
Use the M9540 instructions to back out the yellow/blue wire and terminal.



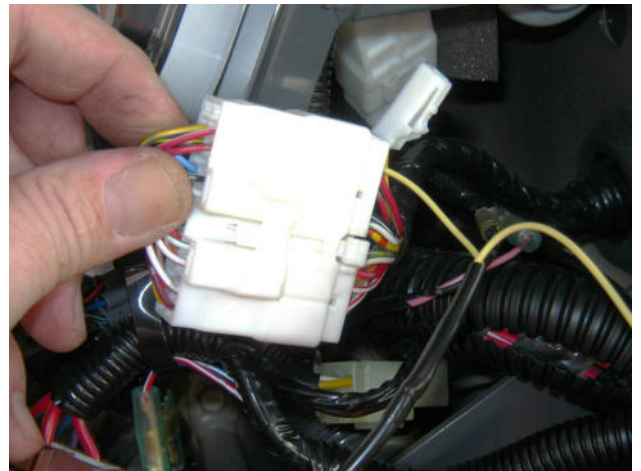
Fit the supplied one-way housing to the vehicle's yellow/blue wire.



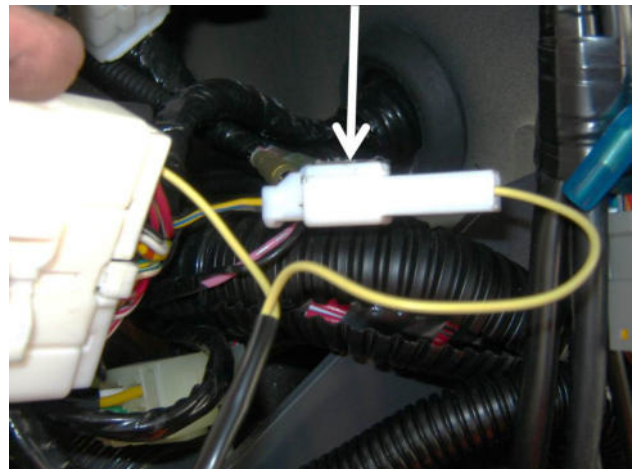
Insert the cruise control yellow speed sensor wire into the hole the yellow/blue wire came from.



Re-connect the two halves of the connector.



Connect the two one-way housings on the cruise control's yellow wire and the vehicle's yellow/blue wire.



Return to the installation instructions for the M9540.