

7.7 | Fendt ONE — 900 Gen 6/7 & 1000 Gen 2/3

Applicable to: Supported Fendt 900 Gen 6/7 and Fendt 1000 Gen 2/3 tractors using the **COMMAND Fendt ONE** valve interface.

Connection Method

COMMAND connects to the tractor's rear SCV system using the **T3H-V005 ISO Valve Adapter**.

The adapter is installed inline between the tractor chassis harness and the SCV-bank harness. It connects the tractor-side and valve-side CAN networks to **COMMAND** through the **CAN Interface** connection on the **T3H-C002** ECU breakout harness.

The tractor connection is located at the rear of the machine, on the **right-hand side behind the ISOBUS socket**.

Installation Steps

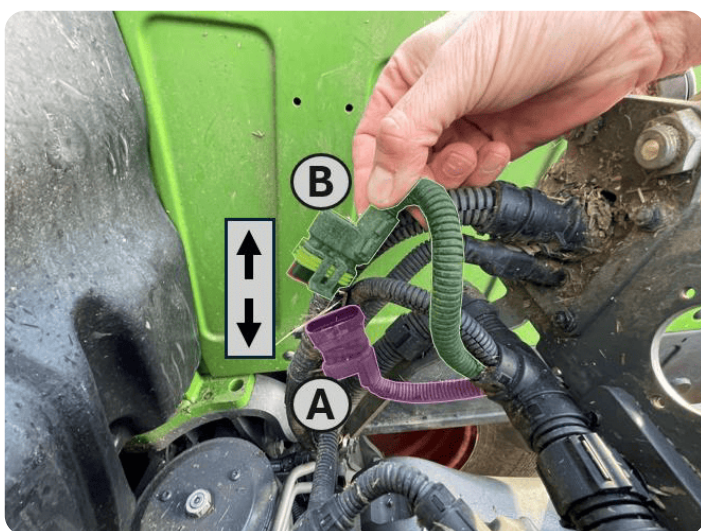


1. Complete the machine preparation steps in

Section 5.1 and isolate the tractor electrical supply.

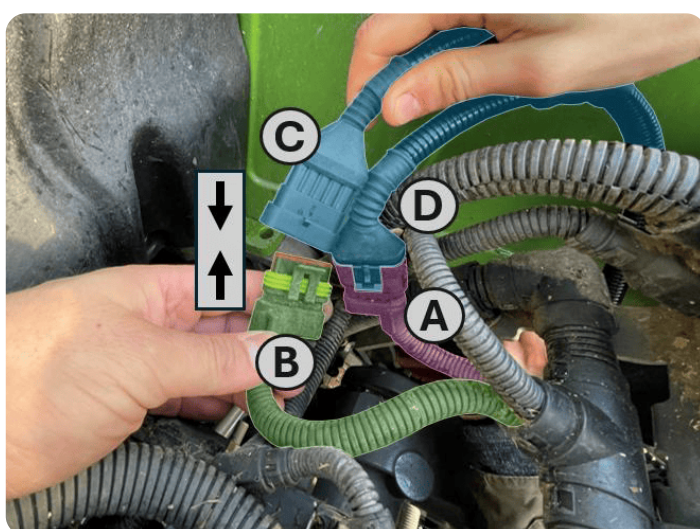
2. Locate the SCV-bank harness connection behind the rear ISOBUS socket, shown as **A** in the location image.

(A) - SCV / Chassis Harness connection



3. Release the connector latch and disconnect the **SCV-bank harness receptacle (A)** from the **tractor chassis harness plug (B)**.

- (A) - SCV Bank Harness Receptacle
- (B) - Tractor Chassis harness plug



4. Connect the **tractor-side receptacle (C)** on the **T3H-V005** adapter to the **tractor chassis harness plug (B)**.
5. Connect the **valve-side plug (D)** on the **T3H-V005** adapter to the **SCV-bank harness receptacle (A)**.

- (A) - SCV Bank Harness Receptacle
- (B) - Tractor Chassis Harness Plug
- (C) - T3H-V005 Harness 'Tractor' Receptacle
- (D) - T3H-V005 Harness 'Valve Block' Plug



6. Route the adapter to the **COMMAND** ECU and connect it to the

Tractor/Valve CAN Interface connector (pictured right) on the **T3H-C002** ECU breakout harness.

7. Ensure all connectors are fully seated and latched. Secure the harness clear of moving parts, hot surfaces and sharp edges, leaving sufficient slack to avoid strain on the connectors.

8. Keep **COMMAND** disarmed and restore the electrical supply.

IMPORTANT: The SCV-bank harness connection and the nearby ISOBUS socket connection serve different purposes. Connect **T3H-V005** to the SCV-bank harness as shown.

Where an ISOBUS connection is required for the installation, follow **Section 5.4** using the appropriate **COMMAND** cab or exterior breakout harness.

Tractor Valve Configuration

1. Ensure the required tractor SCVs are enabled and unlocked using the tractor's controls.
2. In **Level COMMAND**, select **Fendt ONE** as the valve interface.
3. Assign the required SCVs to the controlled functions, such as height and cross-slope. These assignments must match the implement's hydraulic hose connections.
4. Verify valve communication and confirm that each function operates the intended valve in the correct direction.
5. Complete valve configuration and calibration before automatic operation.

For detailed configuration and calibration instructions, refer to the **Level COMMAND Manual**.

Operation Notes

To prepare the selected SCVs for automatic control:

1. Ensure the required tractor SCVs are enabled and unlocked.
2. Move the **COMMAND Arm/Engage switch** to the middle **ON** position to arm COMMAND.
3. Move each selected SCV's tractor control lever into the **float position** to enable external control of that valve.
4. Press the momentary side of the **COMMAND Arm/Engage switch** to engage automatic control once the system is ready.

NOTE: For SCVs configured for **COMMAND** control, the lever's **float position** enables external hydraulic control. It does **not** place the valve into hydraulic float.

Before handing over the installation, verify manual valve operation and demonstrate how to enable, disengage and resume automatic control.

IMPORTANT: To disengage **COMMAND** automatic control, press the momentary side of the **COMMAND Arm/Engage switch**. Move the switch to **OFF** to disarm **COMMAND** and disable its hydraulic control commands.