


# 7.1 | Modern John Deere (CANBUS)

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**Applicable to:**
John Deere tractors with CANBUS-based SCV control (typically 2005+ models).



## Connection Method

John Deere CANBUS-based SCV systems are controlled by **COMMAND** directly over the ISOBUS, so the only hardware requirement for direct control is that COMMAND be connected to the tractor ISOBUS via the 4-way Deutsch DT connections on either the cab (**T3H-C006**) or external (**T3H-C005**) breakout harnesses.

## Installation Steps

1. Connect **COMMAND** to the ISOBUS using either:
   - **T3H-C006** (in-cab), or
   - **T3H-C005** (rear ISOBUS)
2. Ensure a secure connection at the 4-way Deutsch connector.
3. Power on the system and verify ISOBUS communication.

(See Section 5.4)

## Operation Notes

**COMMAND** interfaces with modern John Deere tractors by sending CANBUS messages to the integrated valve controller, commanding either port A or port B flow of the rear tractor SCVs.

To operate the SCVs in automatic control mode, the user must push the respective SCV lever into the detent position (not float). This will cause "AUTO" to appear on the console/display to indicate that the SCV is ready for automatic control commands.

Moving the lever will disengage AUTO mode on the console/armrest but "AUTO" may remain visible in the SCV status area as it's still in automatic control mode. To re-enter AUTO mode, push the SCV lever into detent position again.

> ⚠ **IMPORTANT**: Moving the SCV lever will disengage AUTO mode in modern JD tractors, so movements based on any current valve signals will cease. Always keep this in mind during operation - the lever must be pushed into detent position again to resume automatic control.