

2.5 | Selecting System Components

September 2026

Contents

2.5 | Selecting System Components
- Harnessing Compatibility
- Base COMMAND Components
- Optional COMMAND Components

2.5 | Selecting System Components

> **Correct component selection is important for reliable installation and operation of the COMMAND system. Harnessing requirements will vary depending on tractor model, implement configuration, GNSS receiver type, and hydraulic interface. For assistance selecting compatible components, use the COMMAND kit picker at t3rra.com or contact T3RRA.**

Factors that will affect harnessing requirements include:

- Tractor brand
- Tractor model
- Scraper brand
- Scraper model
- GNSS receiver model
- Available Electrohydraulic Valves

Harnessing Compatibility

The **COMMAND** harnessing system has been designed to allow us to leverage existing customer and dealer knowledge of tractor and implement harnessing systems. We can then take advantage of this familiarity on the technical support front, while leveraging the fact that dealers also possess many of these parts in stock at-the-ready.

Typical CNH Components

SKU / Part No.	Name
115-0172-397 OR 115-0172-398 **OPTIONAL POWER**	Constant Power Harness (Row Crop) OR Constant Power Harness (Articulated)
115-7100-009 OR 115-7100-010 **REQUIRED**	Front Extension Wiring Harness Kit
115-7100-005 **REQUIRED**	Cable Adapter Terminator Gen I ISOBUS
92179218 OR 92317566 **REQUIRED IF NO ISO IBBC PRESENT**	Row Crop Tractor ISO Connector OR Articulated Tractor ISO Connector

Typical John Deere Components

SKU / Part No.	Name
BPF10403 OR BPF10404 **OPTIONAL**	Constant Power Harness (Row Crop) OR Constant Power Harness (Articulated)
BPF11117 **REQUIRED**	Front Extension Wiring Harness Kit (including terminator module)
RE174725 OR RE174726 **REQUIRED IF NO ISOBUS PRESENT**	GreenStar™ Ready Field Installation Kit (Rowcrop) OR GreenStar™ ISO Implement Connector Field Installation Kit (Articulated)
BPF12658 **REQUIRED IF USING STARFIRE GNSS**	Implement Receiver Wiring Harness Kit
BPF10547 **RECOMMENDED**	iGrade Counterbalance Valve kit - highly recommended if the implement has no existing counterbalance mechanism

Base COMMAND Components

ⓘ The components below are required for a base **COMMAND** installation.

SKU / Part No.	Name
T3H-E001	COMMAND ECU – Controller Only
T3H-L001	COMMAND ECU Licence – Licence Only
T3H-C002-1	COMMAND ECU Adapter - CAN & Analog V2
T3H-C003	COMMAND Arm/Engage Switch Adapter
T3H-C004	COMMAND Arm/Engage Switch
T3H-C005	COMMAND ISOBUS/Ext Breakout Adapter

SKU / Part No.	Name
T3H-C006	COMMAND Cab Breakout Adapter
T3H-C008	COMMAND Cab/Ext Extension Adapter
T3H-T001	Tablet Serial Interface Adapter (RA 4m)

Optional COMMAND Components

ⓘ Components listed below are optional for **COMMAND** and will only be required for certain tractor models, scraper models, GNSS receivers, Tilt sensors or Electrohydraulic valves.

SKU / Part No.	Name
Tractor Harnessing	
T3H-F001	Cab Convenience Power Adapter
T3H-F002	External Loose End Power Adapter
T3H-F003	COMMAND Inline Fuse Adapter
T3H-J001	COMMAND Joystick Adapter – 4m Extension
T3H-M001	COMMAND J1939 Diagnostic Adapter (Green)
T3H-T002	Tablet Serial Interface Adapter (RA 6m)
T3H-V001	COMMAND Legacy Analog Output Adapter
T3H-V002	Valve Adapter – 6m Extension
T3H-V003	Valve Adapter – Prop. Solenoid (2-way DT)
T3H-V005	COMMAND Tractor CAN Valve Adapter
Implement Harnessing	
T3H-E003	COMMAND Inclination Sensor – TARS-B
T3H-G001	COMMAND NMEA Extension Harness (8m)

SKU / Part No.	Name
T3H-G002	COMMAND Impl Adapter – NAV-900 / Ag372
T3H-G003	COMMAND Impl Adapter – Emlid Reach RS2/RS2+/RS3
T3H-G004	COMMAND Trimble NMEA Output Adapter
T3H-G007	COMMAND NMEA Extension Harness (12m)
T3H-S001	COMMAND Impl Adapter – Stub Junction
T3H-S003	COMMAND Impl Adapter - TARS Extension