



TG, SH, 82 Series PTO Activation

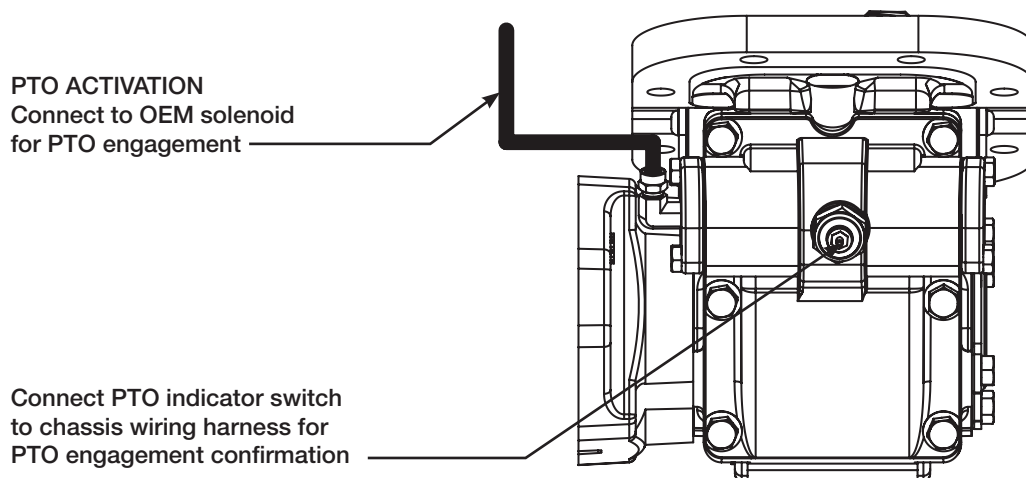
Paccar Automated — Eaton Endurant Transmissions

**FOLLOW INSTRUCTION IN INSTALLATION MANUAL IN17-11
FOLLOW PRECAUTIONS IN OPERATOR'S MANUAL IN84-03**

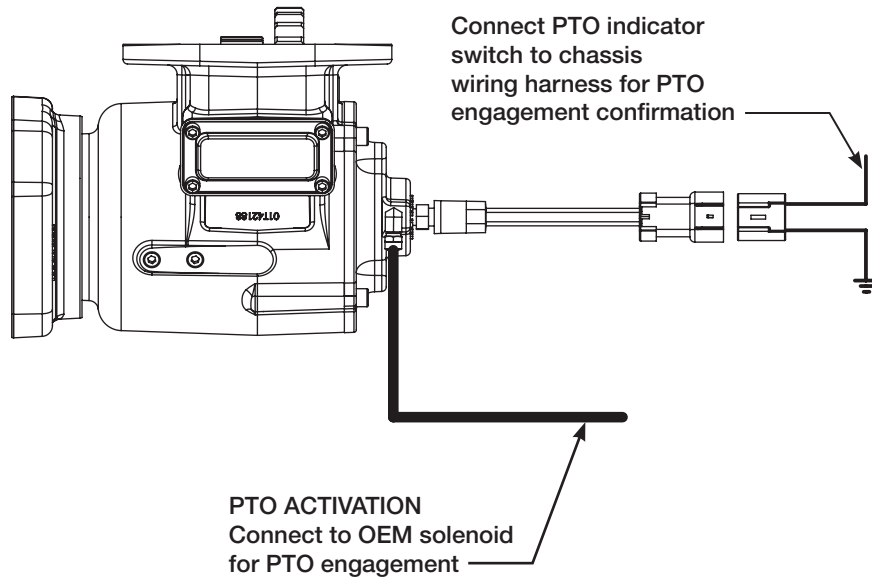
IMPORTANT NOTICE:

1. The vehicle is provided with the connection to the PTO when the vehicle is ordered with the proper PTO control options from the chassis manufacturer.
2. The PTO air supply for the shifting of the PTO must be supplied through a pressure protection valve supplied by the vehicle manufacturer otherwise their system cannot be used for the Muncie Power PTO.
3. For the Muncie Power 82 Series PTO only, the maximum acceptable pneumatic flow coefficient is $C_v = 0.12$. C_v values higher than 0.12 may cause failure.
4. Air control valves with the C_v ratings greater than 0.12 require a flow restriction in the disconnect exhaust port to achieve shift control. A $\frac{1}{32}$ " (0.031 inch) orifice will provide adequate control.
5. If the vehicle is not ordered with the PTO activation option then refer to the back of this document for the installation of the Muncie Power components. Be sure to program the TCU as mentioned below.
6. Contact the vehicle manufacturer or review Body Builder manuals for instructions and locations of the chassis connections.
7. The Eaton Endurant TCU must be programmed with the proper Vocational Control Logic for the PTO application you are using. If the vehicle is ordered with the application show, then the factory should have programmed the TCU. Otherwise, this is accomplished by using the Eaton "Service Ranger 4" software and Nexiq tool. Contact Eaton for this software and its application.

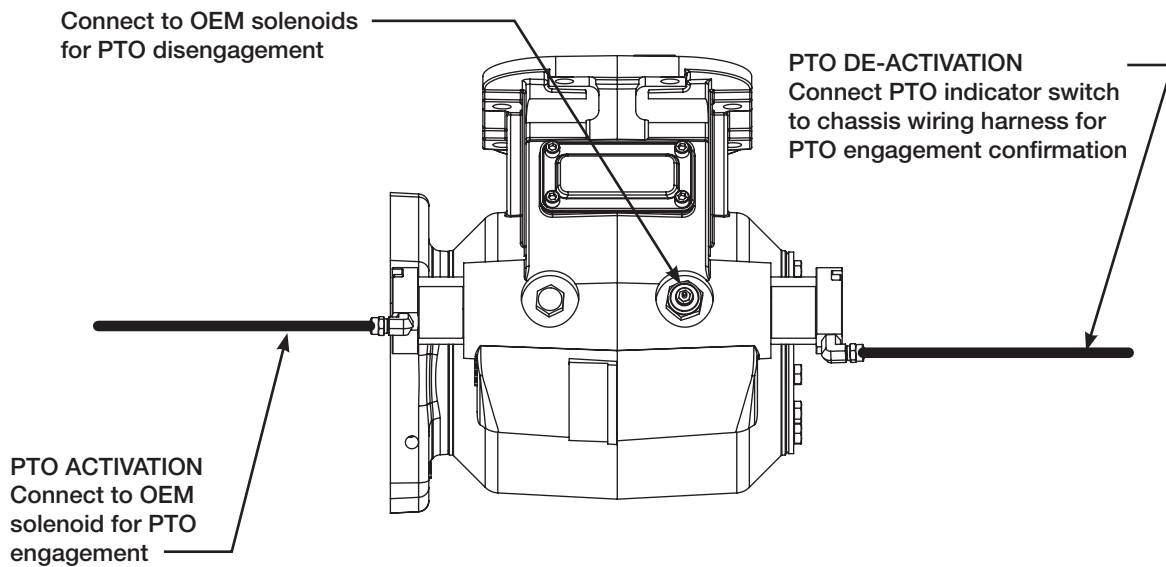
**TG Series PTO "P" Shift Option — REQUIRES VEHICLE ORDERED WITH
PTO CONTROL OPTIONS**



SH Series PTO "P" Shift Option — **REQUIRES VEHICLE ORDERED WITH PTO CONTROL OPTIONS**



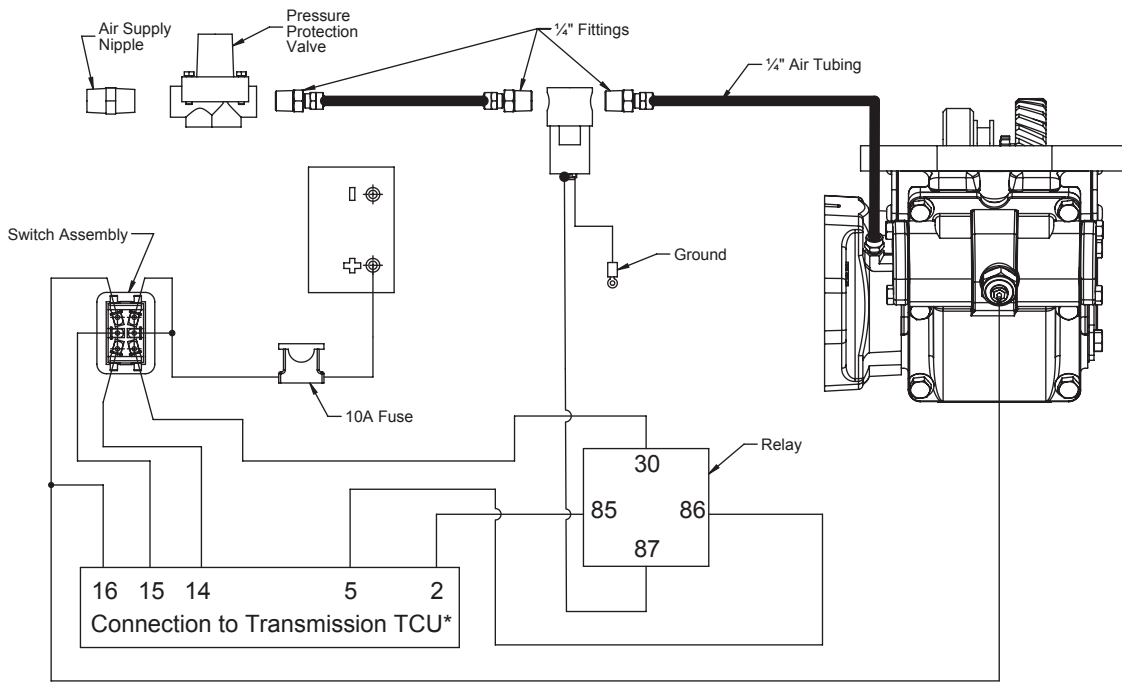
82 Series PTO "P" or "T" Shift Option—**REQUIRES VEHICLE ORDERED WITH PTO CONTROL OPTIONS that includes two solenoid operated air valves for DA air cylinder**
(Note: If the vehicle is not ordered with a single solenoid, see pages 3 and 4 of this document for instructions.)



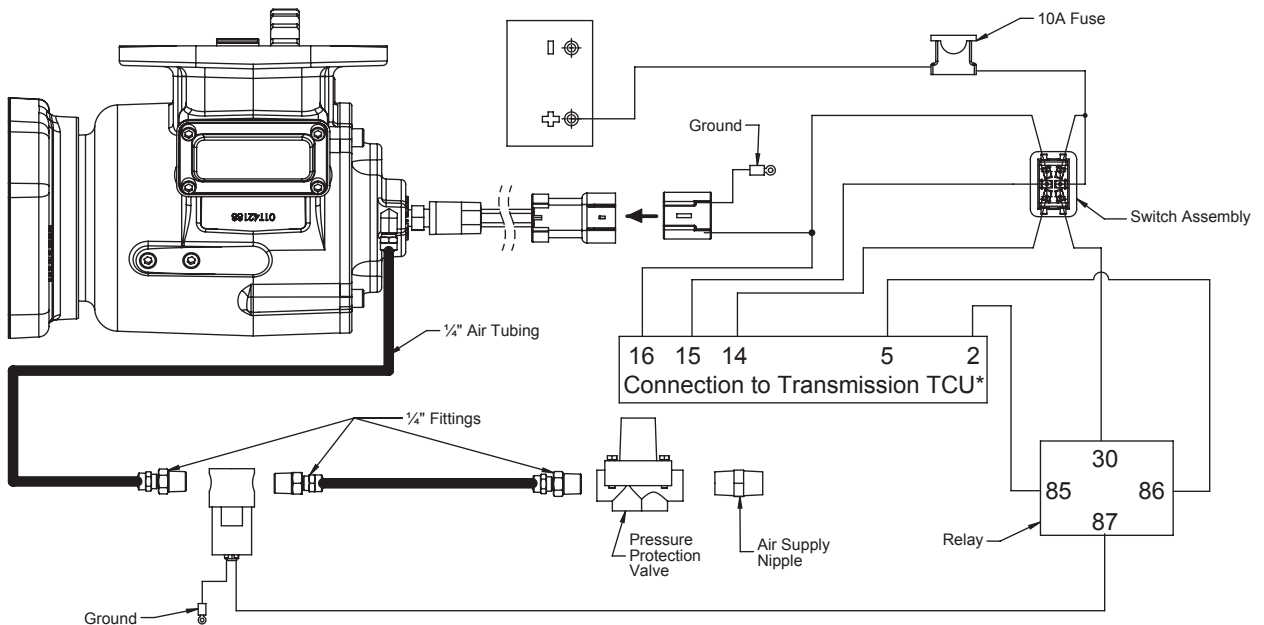
TG, SH, 82 SERIES PTO ACTIVATION INSTRUCTIONS FOR CHASSIS NOT ORDERED WITH PTO CONTROL OPTIONS

**FOLLOW INSTRUCTION IN INSTALLATION MANUAL IN17-11
FOLLOW PRECAUTIONS IN OPERATOR'S MANUAL IN84-03**

TG Series PTO "P" Shift Option — Follow these instructions if vehicle WAS NOT ordered with PTO control options

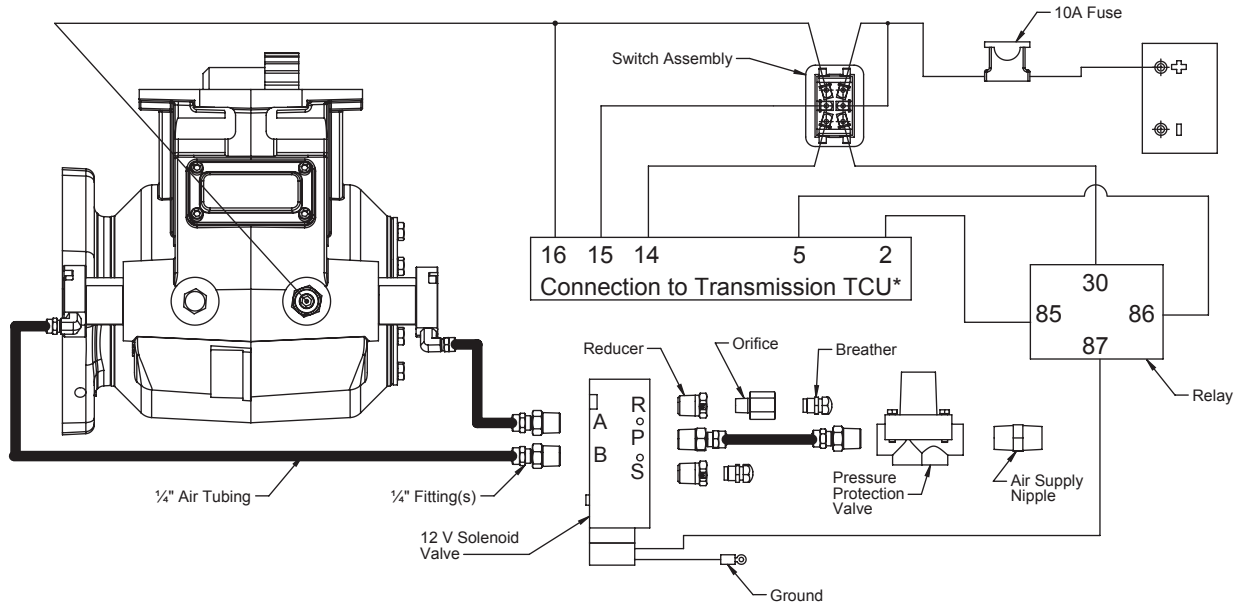


SH Series PTO "P" Shift Option — Follow these instructions if vehicle WAS NOT ordered with PTO control options



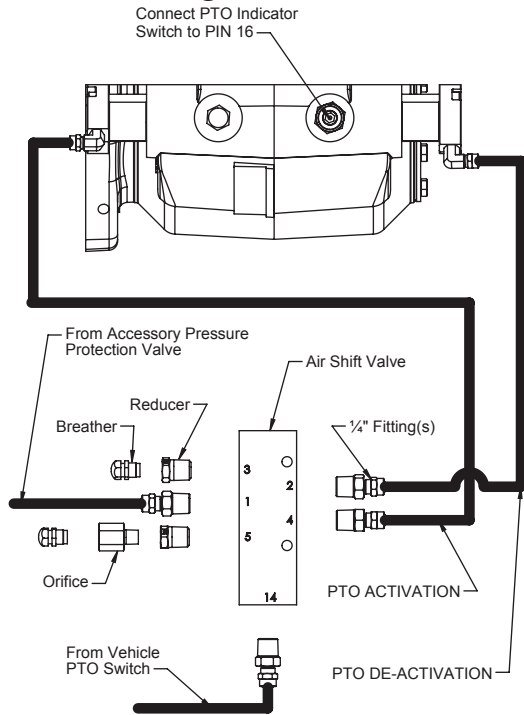
*Refer to Eaton Endurant Installation Guide TRIG0950 for connection locations and parts.

82 Series PTO "P" or "T" Shift Option — Follow these instructions if **vehicle WAS NOT ordered with PTO control options**

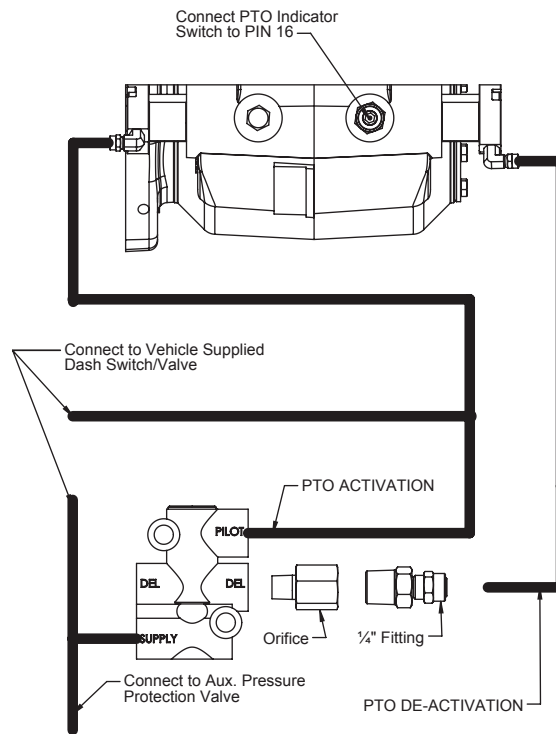


*Refer to Eaton Endurant Installation Guide TRIG0950 for connection locations and parts.

82 Series Activation Instructions — **Only used when chassis was ordered/ shipped with PTO control option that has single control valve**



82 Series Activation Instructions — **Only used when chassis was ordered/ shipped with Slave Valve**



A Member of the Interpump Group

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