

**ALLISON GROUP AND PACKAGE INFORMATION** Schematics as shown are for 4th Generation Electronic Controls only.

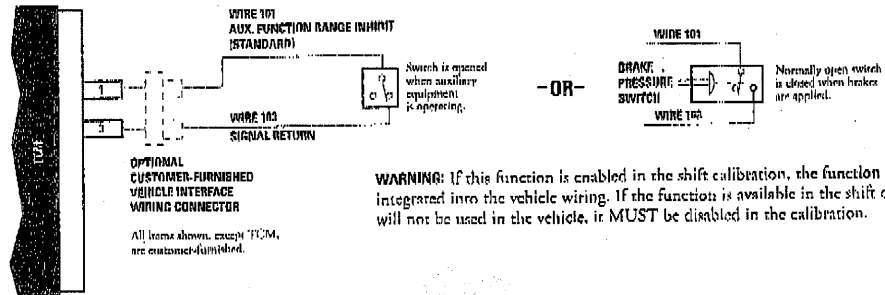
**1000 AND 2000 PRODUCT FAMILIES**

**AUXILIARY FUNCTION RANGE INHIBIT**

Vocational Model Packages (STATUS for all = Not Enabled)  
Available on Wire 101 in all North American Packages except Package 360.

**AUXILIARY FUNCTION RANGE INHIBIT, STANDARD**

Applicable to 1000, 2000, 3000 and 6000 Product Families.



**WARNING:** If this function is enabled in the shift calibration, the function **MUST** be integrated into the vehicle wiring. If the function is available in the shift calibration but will not be used in the vehicle, it **MUST** be disabled in the calibration.

**3000 AND 4000 PRODUCT FAMILIES**

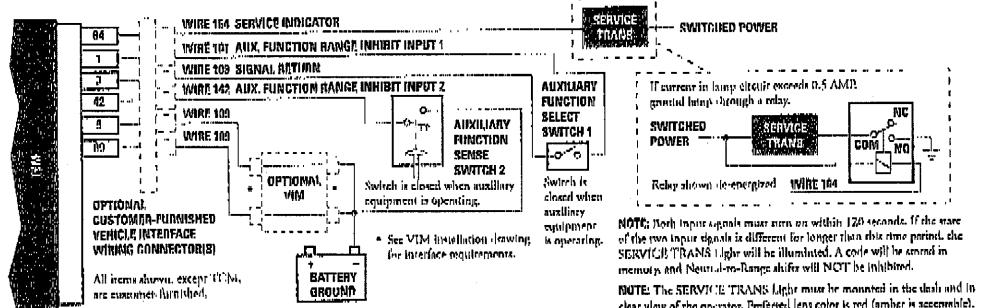
**SINGLE INPUT AUXILIARY FUNCTION RANGE INHIBIT**

Vocational Model Packages (STATUS for all = Not Enabled)  
Available on Wire 101.

GROUP	PACKAGES	VOCATION
98 Highway Series	200 & 201	On-Highway
99 Rugged Duty Series	113 & 114	On-/Off-Highway
100 Rugged Duty Series	146	Construction
102 Rugged Duty Series	149 & 150	Premium Utility w/Split-Shaft
104 Rugged Duty Series	115	Basic Refuse
109 Motorhome Series	116	Motorhome
110 Truck RV Series	113 & 116	Truck-based RV
111 Pupil Transport/Shuttle Series	116, 202 & 203	School/Shuttle Bus, School/Shuttle (Max Economy)
112 Bus Series	147, 148 & 159	Transit/Intercity Bus (Max Economy), Transit Bus (Special)

**AUXILIARY FUNCTION RANGE INHIBIT, SPECIAL (DUAL INPUT)**

Applicable to 3000 and 4000 Product Families.



**NOTE:** Both input signals must occur within 120 seconds. If the state of the two input signals is different for longer than this time period, the SERVICE TRANS light will be illuminated. A coil will be sensed in memory and Neutral-Range shift will NOT be inhibited.  
**NOTE:** The SERVICE TRANS light must be mounted in the dash and in clear view of the operator. Prefocused lens color is red (amber is acceptable).

**DUAL INPUT AUXILIARY FUNCTION RANGE INHIBIT (FIRE AND EMERGENCY)**

Vocational Model Packages (STATUS for all = Enabled)  
Available on Wires 101/142.

GROUP	PACKAGES	VOCATION
107 Emergency Vehicle Series	119	Fire/Emergency, No Split-Shaft PTO

**ADDITIONAL NOTES**

- Feature-related components (switches, wires, connectors, etc.) and installation are the body builder's responsibility.
- Features listed as "Not Enabled" must be enabled by reprogramming-certified personnel.
- Depending on how the feature is configured, the OEM may be required to install a brake system pressure switch.
- For the most current information, contact your Allison representative or refer to your Allison Sales Tech Data.

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