

APPENDIX P—INPUT/OUTPUT FUNCTIONS

WARNING!

These schematics show the intended use of the specified controls features which have been validated in the configuration shown. Any miswiring or use of these features which differs from that shown could result in damage to equipment or property, personal injury, or loss of life. ALLISON TRANSMISSION IS NOT LIABLE FOR THE CONSEQUENCES ASSOCIATED WITH MISWIRING OR UNINTENDED USE OF THESE FEATURES.

ENGINE BRAKE/PRESELECT REQUEST AND ENGINE BRAKE ENABLE (STANDARD)

USES: Used with engine compression brakes to signal the ECU that the brake is active and to provide increased braking by preselecting a lower range. Also prevents engagement of engine brake with throttle > 0 or lockup OFF.

VARIABLES TO SPECIFY: Preselect range. Standard value is second range for exhaust style brakes and fourth range for compression style brakes.

VOCATIONS: Various

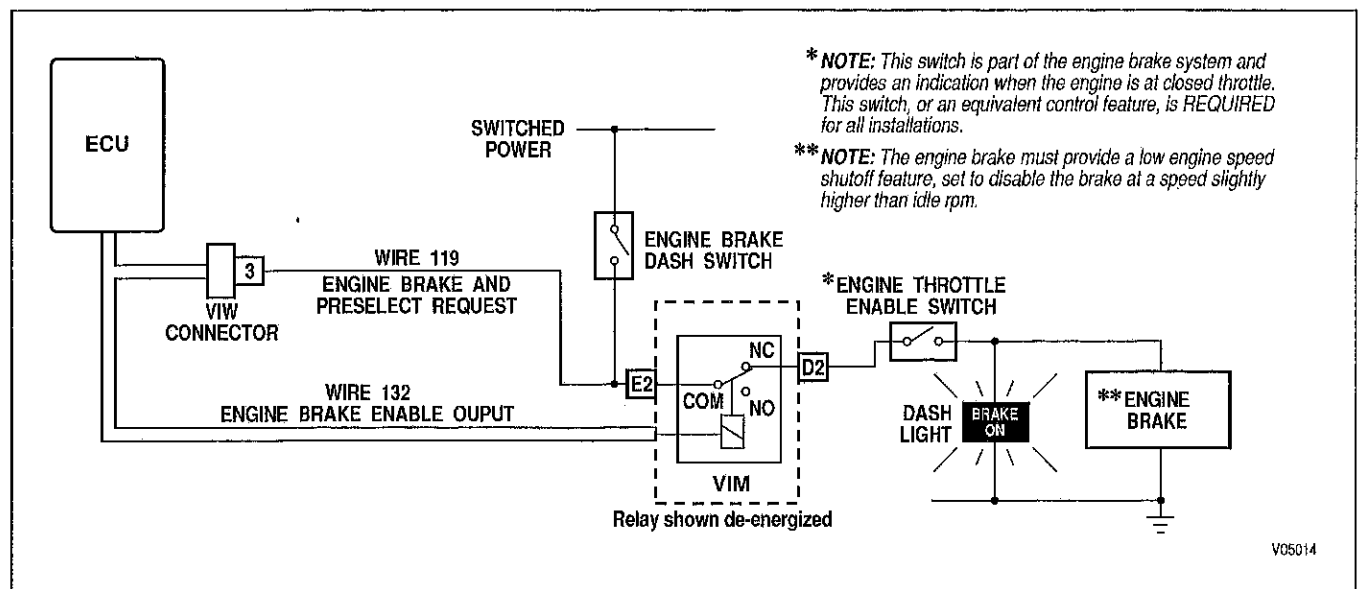


Figure P-9. Engine Brake/Preselect Request and Engine Brake Enable (Standard)