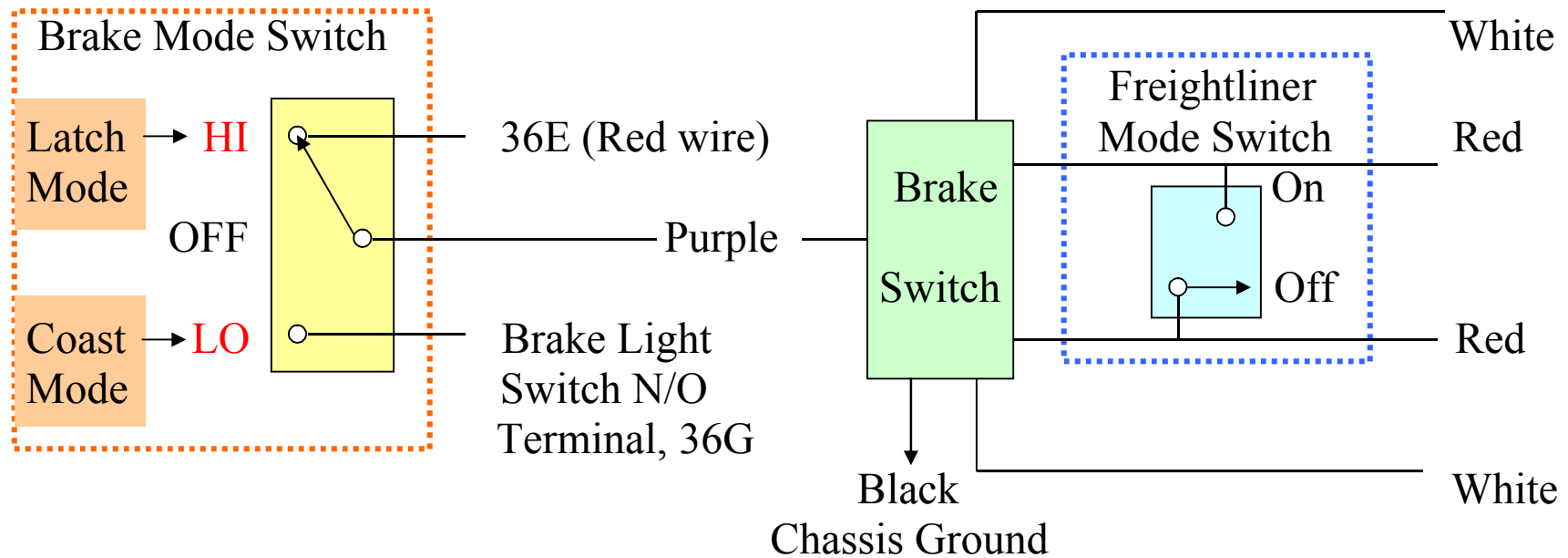


# Engine Braking Mode Switch

The **HI** switch setting is connected to wire 36E, contained in the Freightliner Fuse/Relay box located on the floor under the drawer stack. 36E is connected to the Brake Lamp Relay (Normally Open Contact). The **LO** switch setting is connected to the Brake Light Switch (Normally Open Side), wire 36G. I located my BrakeSwitch under the same drawer stack.



# Five Modes of Operation

**OEM:** Freightliner Mode Switch, ON > BYPASSES, ALL BrakeSwitch Operations.

**NO PEDAL:** Remove your foot from the throttle pedal. Coach will slow depending on road surface and grade.

**OFF:** In this mode, there is **NO** engine braking in effect, **ONLY** regular service brakes.

**LO:** **Coast Mode**, operating **ONLY WHILE** the service brake pedal is depressed, the engine brake will energize, the Allison (6-speed) transmission will pre-select second gear and the brake lamps will illuminate. As the coach slows down the transmission will downshift until second gear is attained. If you remove your foot from the brake pedal, the engine brake will DE-energize, the transmission will select sixth gear and the brake lamps will **DE**-energize. **HOWEVER**, the transmission will stay in the gear attained (prior to removing foot from brake pedal) unless the engine Rpm's are too high for normal operation in that gear, if necessary the transmission will up-shift one gear. To release from this operation, apply pressure to the accelerator pedal or allow engine Rpm's to drop below about 1200 RPM's.

**HI:** **Latch Mode**, once the service brake pedal is depressed, the engine brake will energize, the Allison (6-speed) transmission will pre-select second gear and the brake lamps will illuminate. As the coach slows down the transmission will downshift until second gear is attained. **REMOVING YOUR FOOT FROM THE SERVICE BRAKE PEDAL WILL NOT DISENGAGE THIS OPERATION.** To release from this operation, apply pressure to the accelerator pedal or allow engine RPM's to drop below about 1200 RPM's.