

CHASSIS TECH TIPS

Subject: No Throttle Response

1. RELEVANT MODELS:

All 2005 conventional models

2. COMPLAINT:

No throttle response

3. CAUSE:

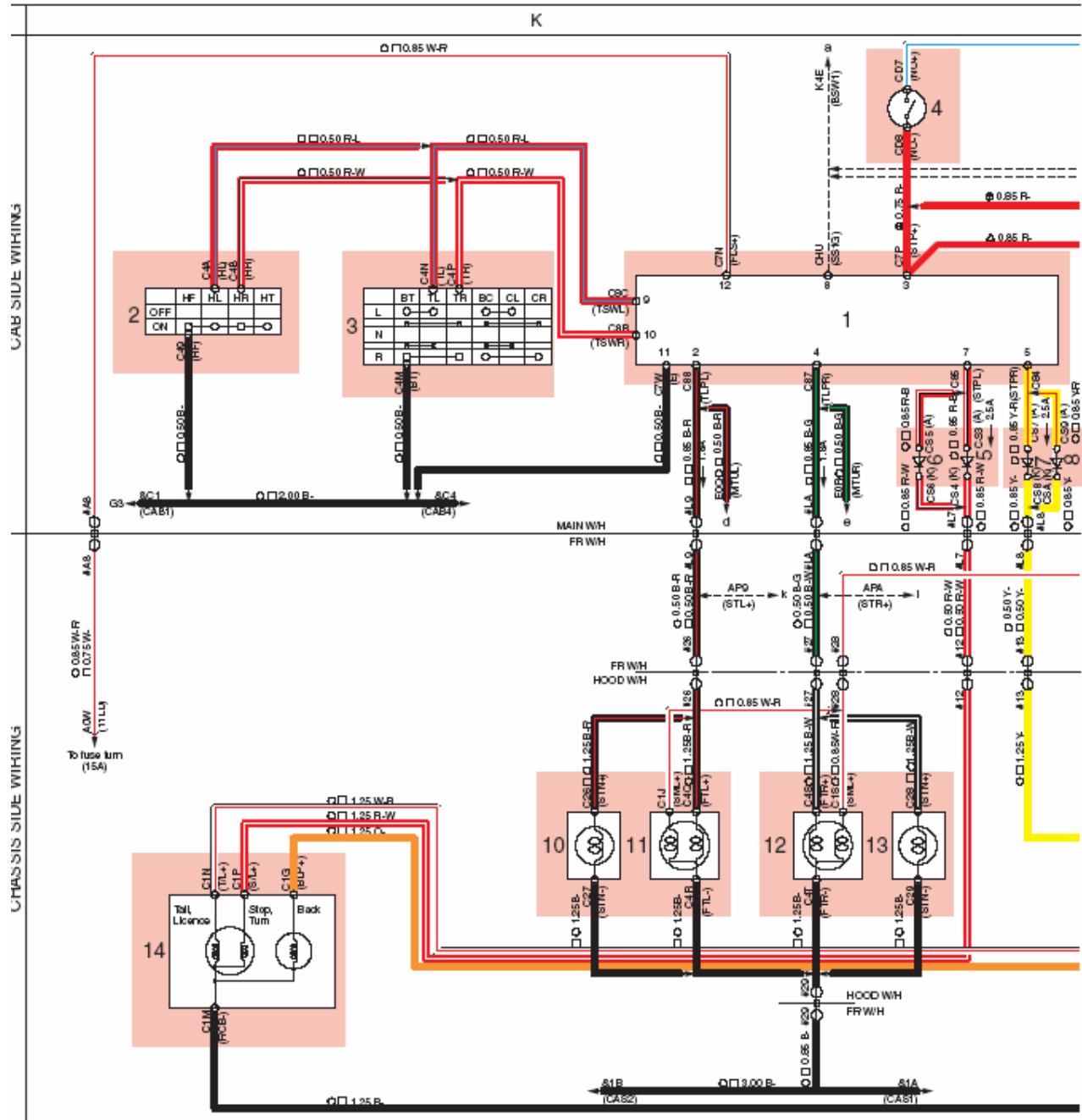
Once a burnt out tail lamp filament touches a stop lamp filament, the current goes thru the stop lamp circuit causing the ECU to think that the brakes are applied. Therefore stopping acceleration control.

4. CORRECTION:

Diodes were added to the 2006 model year wiring harness. For 2005 chassis diodes (3 amp diodes can be purchased locally) can be added to the wiring harness near the stop and turn controller. Two diodes should be used for each side for a total of four diodes. For left side red wire with white stripe, right side yellow wire. See attached schematic.

CHASSIS TECH TIPS

STOP AND TURN LIGHT CIRCUIT 1/2



CHASSIS TECH TIPS

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|----|-----------------------------|----|--|
| 1 | Stop and turn controller | 15 | Rear combination light RH |
| 2 | Wiper and retarder switch | a | To U2 ECU (Common rail) |
| 3 | Light and turn switch | b | To A450 ATM ECU |
| 4 | Stop light switch | c | To Monitor module (HYDRO MAX) |
| 5 | STP diode 1 | d | To Combination meter (Meter) |
| 6 | STP diode 2 | e | To Combination meter (Meter) |
| 7 | STP diode 3 | f | To Fuse tail light (Head & tail light) |
| 8 | STP diode 4 | g | To Rheostat (Meter) |
| 9 | Junction | h | To 2200RDS/2500RDS ATM |
| 10 | Side turn light LH (Fender) | i | To 3000RDS ATM |
| 11 | Front turn light LH | j | To Fuse stop light (Stop & turn light) |
| 12 | Front turn light RH | k | To Spare power source (Side turn LH) |
| 13 | Side turn light RH (Fender) | l | To Spare power source (Side turn RH) |
| 14 | Rear combination light LH | | |