

● *Quality Truck  
Equipment*



● *Heavy Duty  
Truck Repairs*

## Wiring Harness Installation

- 1) Open the hood, and flip forward
- 2) Lay out the wiring harness "A" (part # AHF8264) along the front underside of the hood running it alongside the existing harness.
- 3) Start from the right side headlamp – unplug the existing harness from headlamp.
  - ◆ Tape off the wires coming out of the harness (Not to be connected).
- 4) Connect color-coded wires as labeled in harness "A" (part # AH8264) to existing numbered wires coming from the headlamp.



- 5) Connect purple wire to right side turn signal wire. Locate signal wire test with test light. Then splice new water tight rubber connections male and female to plug into existing male and female ends on part # AHF8264 harness.
- 6) Use nylon ties to fasten wire harness to truck harness across the front of the hood.
- 7) Go to the left side and unplug the truck harness from the headlamp.



- 8) Connect the wires according to the wiring schematic.
- 9) Drill 1" hole in side of turn signal housing and route wire for relay pack (part #AH24VRGC) into housing. Make connections at relay pack to harness "A" (part #AHF8264) and harness "B" (part # AHF8275).



- 10) Locate left turn signal wire and connect gray wire with water tight connections.
- 11) Locate parking lamp wire and tap into it with brown wire with water tight connections.
- 11A) Then place relay pack in light housing and close up.
- 12) Route harness into cab along fender well as shown.



- 13) Run large plug out to front bumper then tie and wrap harness.
- 14) Run small white plug into cab.
  - ◆ Run the white plug into cab and connect the controller.



- ◆ Drill and install control bracket to the dash.



15) Connect the fused red wire along the firewall to follow power cable back to the battery box,

- ◆ **(Warning: Do not run cables near a heat source).**
- ◆ Connect to 12-Volt power only.

16) Mount solenoid to right fender well.

17) Run power cable to front of truck.

18) Tie wrap the cable and secure.

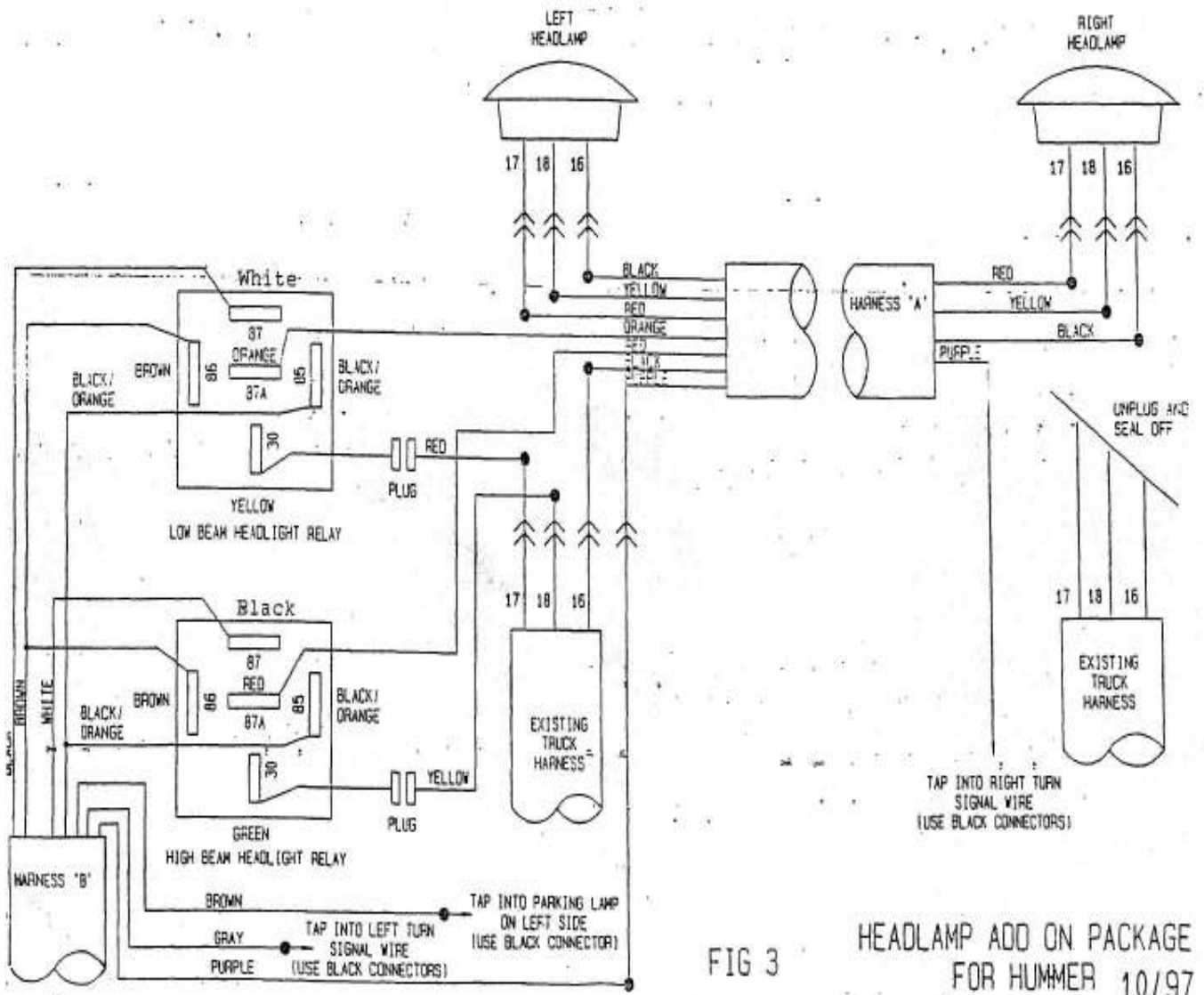
19) Then run harness back to solenoid.



- Connect 4 gauge red wire to large post on solenoid
- Connect 4 gauge black wire to new negative side of battery post.
- Connect 4 gauge red wire to large post on solenoid.
- Connect orange with black stripe wire out of part #AHF8275 harness to small post on solenoid.
- Connect brown with red stripe wire out of part #AHF8275 harness to small post on solenoid.
- Connect large red 4 gauge power wire to 24-volt power only.
- Connect small 12ga. controller power wire to 12 volt power only.

21) Make sure that all wires are tied and secured away from heat and chafing.





· I-87, EXIT 18 · 106 LUZERNE ROAD · QUEENSBURY, NY 12804  
· PHONE {518} 793-2265 · FAX {518} 793-2597