

## ***HMMWV Wiring Harness Installation Instructions***

*HMMWV Military Plow (NSN #820014732777)*

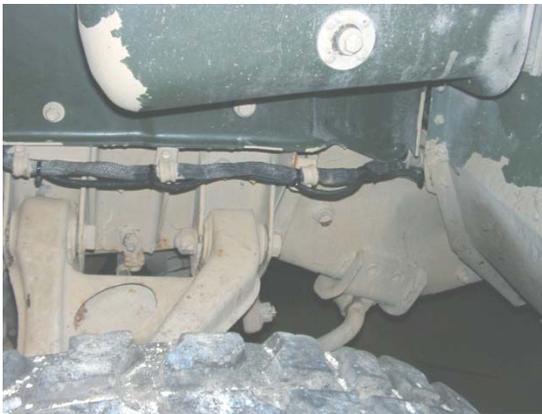
*V.1.0.08.27.18*



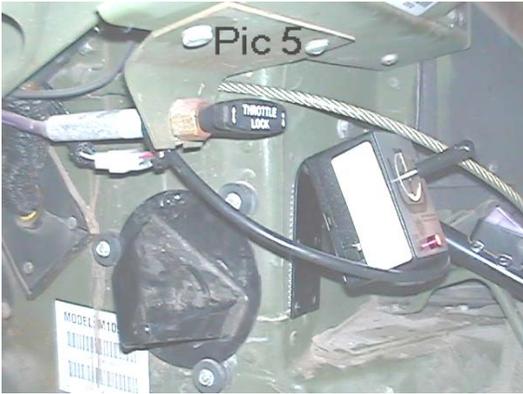
## Wiring Instructions for HMMWV Military Plow (NSN #820014732777)

Step	Instruction	Notes
1.	Open the hood and flip forward.	
2.	Layout wiring harness A (Part#: AHF8264) along the front underside of the hood running it alongside the existing harness.	
3.	Starting at the right side headlamp, unplug the existing harness. And tape off the harness wires (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.	
6.	Locate signal wire test with test light, then splice new water tight rubber connections (male & female) to plug into existing male and female ends on Part#: AHF8264 harness.	
7.	Use wire ties to fasten wire harness to truck harness across the front of the hood.	
8.	Unplug the left side truck harness from headlamp.  	

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Step	Instruction	Notes
9.	Connect the wires according to the wiring schematic.	
10.	Drill a 1" hole inside of turn signal housing and route wire for relay pack (Part#: AH24VRGC) into housing.	
11.	Connect relay pack to harness A (Part#: AHF8264) and harness B (Part#: AHF8275). 	
12.	Locate left turn signal wire and connect gray wire with water tight connections.	
13.	Locate parking lamp wire and tap into it with brown wire with water tight connections.	
14.	Place relay pack in light housing and close.	
15.	Route harness into cab along fender well as shown. 	

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Step	Instruction	Notes
16.	Run large plug out to front bumper then tie and wrap harness.	
17.	Run small white plug into cab and connect to controller.  	
18.	Drill and install control bracket into the dash.  	
19.	Connect the fused red wire along the firewall to follow power cable back to the battery box. <ul style="list-style-type: none"> <li>• Connect to 12v power only.</li> </ul>	Do not run cables near a heat source.
20.	Mount solenoid to right fender well.	
21.	Run power cable to front of truck, then tie wrap the cable and secure.	

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Step	Instruction	Notes
22.	<p data-bbox="277 331 630 359">Run harness back to solenoid.</p>  <ul data-bbox="326 911 1203 1234" style="list-style-type: none"><li>• Connect 4 gauge Red Wire to large post on solenoid</li><li>• Connect 4 gauge Black Wire to new negative side of battery post.</li><li>• Connect 4 gauge Red Wire to large post on solenoid.</li><li>• Connect Orange with Black Stripe wire out of Part#: AHF8275 harness to small post on solenoid.</li><li>• Connect Brown with Red Stripe with out of Part#: AHF8275 harness to small post on solenoid.</li><li>• Connect Large Red 4 gauge power wire to 24-volt power only.</li><li>• Connect Small 12ga. Controller power wire to 12 volt power only.</li></ul>	
23.	<p data-bbox="277 1272 1154 1299">Make sure that all wires are tied and secured away from heat and chafing.</p> 	

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Step	Instruction	Notes
24.	Remove lights from box and install them on headgear of plow, then remove rear plastic cover.	
25.	Run wire from driver's side to passenger side in this order: <ul style="list-style-type: none"><li>• White, Green, Blue</li><li>• Black wires on coils to complete the ground.</li></ul>	
26.	Install 3/8 eyelet on black wire on motor ground stud.	
27.	<b>END OF PROCESS.</b>	

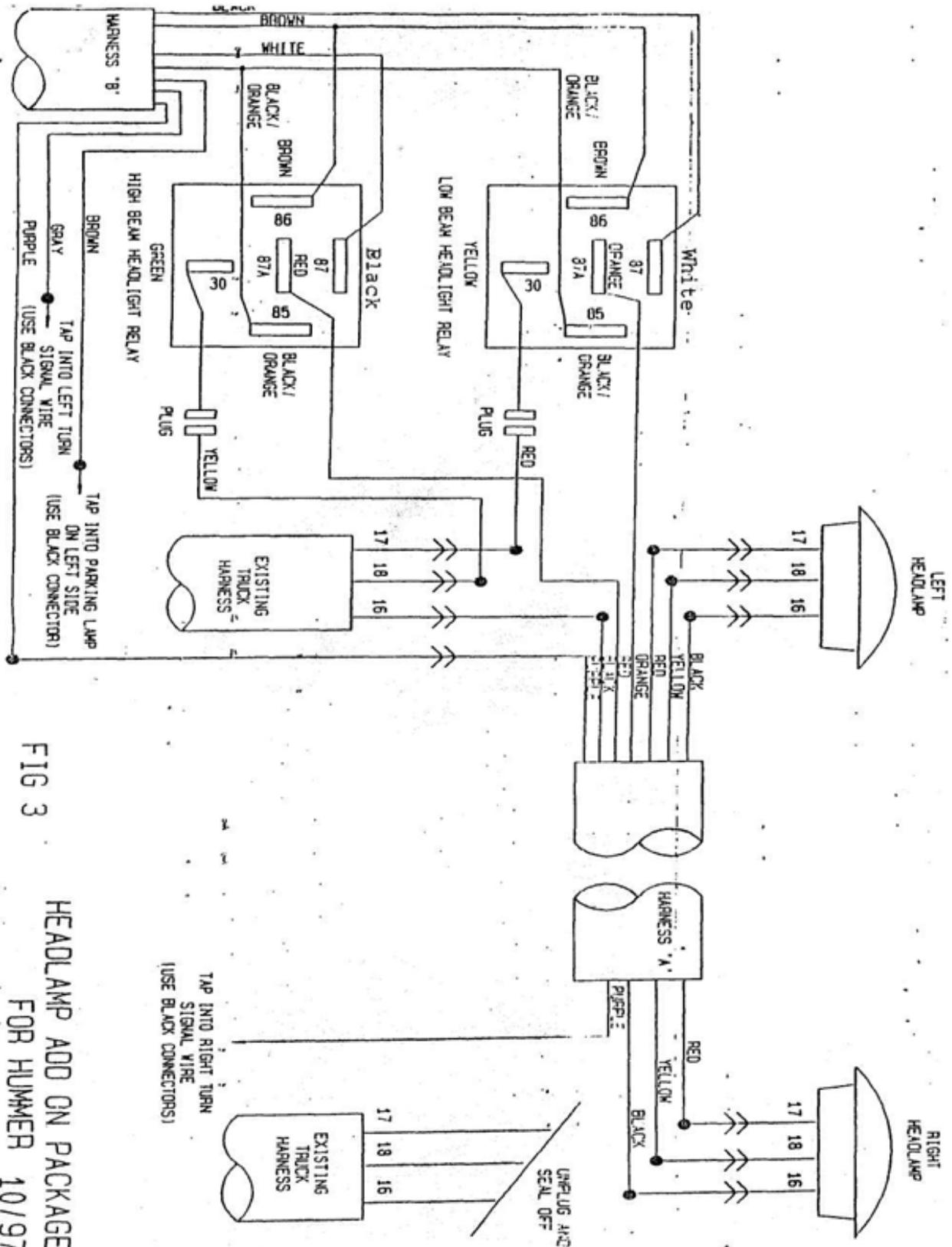


FIG 3 HEADLAMP ADD ON PACKAGE FOR HUMMER 10/97