

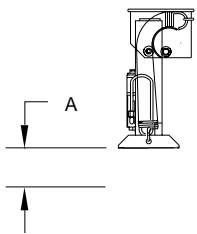
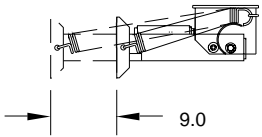
FINAL CHECK OUT

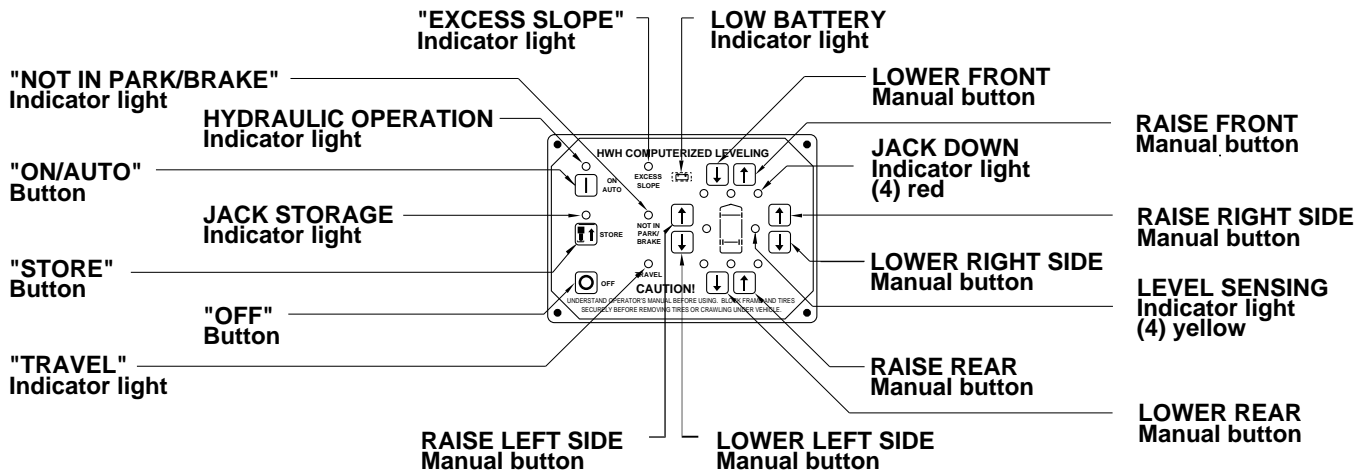
HWH COMPUTERIZED 610 LEVELING SYSTEM: TOUCH PANEL

MANUFACTURER _____ TYPE _____ DATE _____

VEHICLE ID# _____ INSPECTOR _____

CAUTION: DO NOT OPERATE THIS SYSTEM UNLESS FULLY INSTRUCTED ON SYSTEM SAFETY PROCEDURES.

	OK	REWORK
<p>1. MOUNTING BRACKET HEIGHT: A. MAKE SURE JACKS ARE FULLY RETRACTED.</p> <p>B. PULL JACK BY HAND TO THE VERTICAL POSITION AND CHECK DIMENSION A. (SEE FIGURE 1) DIMENSION "A" SHOULD BE 3 TO 5 INCHES FOR DRY NEW VEHICLES AND 2 TO 4 INCHES FOR WET VEHICLES WITH OVER 10,000 MILES. [COMMENTS]</p>	 <p align="center">FIGURE 1</p>	<input type="checkbox"/>
<p>2. STORED POSITION STOP: SPACE MUST BE ALLOWED FOR THE JACK TO FULLY EXTEND IN THE STORED (HORIZONTAL) POSITION (SEE FIGURE 2) ALSO BE SURE TIRES, SPRINGS, STEERING LINKAGE, ECT., DO NOT INTERFERE IF THE JACK IS FULLY EXTENDED IN THE STORE/TRAVEL POSITION. [COMMENTS]</p>	 <p align="center">FIGURE 2</p>	<input type="checkbox"/>
<p>3. HOSE AND ELECTRICAL WIRING: CHECK HOSES AND WIRING FOR KINKING OR RUBBING ON SHARP OBJECTS WHEN JACKS ARE OPERATED. ALSO CHECK THE ROUTING OF HOSES AND WIRING TO INSURE THEY WILL NOT BE EXPOSED TO TEMPERATURES GREATER THAN 200 DEG. F. [COMMENTS]</p>		<input type="checkbox"/>
<p>NOTE: CHECK OIL LEVEL IN RESERVOIR BEFORE PROCEEDING. OIL SHOULD BE WITHIN ONE INCH OF THE TOP OF THE RESERVOIR. JACKS MUST BE FULLY RETRACTED TO CHECK THE HYDRAULIC OIL LEVEL.</p>		
<p>4. POWER CONNECTION: TURN IGNITION SWITCH TO "OFF". PRESS THE "I" BUTTON. (HYDRAULIC START) NO LIGHTS ON THE PANEL SHOULD BE LIT. [COMMENTS]</p>		<input type="checkbox"/>



5. HYDRAULIC START "I" BUTTON:

PLACE TRANSMISSION IN THE RECOMMENDED POSITION FOR PARKING THE VEHICLE, AND SET THE PARKING BRAKE. TURN THE IGNITION SWITCH TO "ACC" OR "ON". PRESS THE "I" BUTTON ONE TIME. THE "HYDRAULIC OPERATION" INDICATOR LIGHT SHOULD COME ON AND GLOW STEADY.

[COMMENTS]

6. "NOT IN PARK/BRAKE" CHECK:

WITH THE "HYDRAULIC OPERATION" INDICATOR LIGHT ON, RELEASE THE PARKING BRAKE AND CONFIRM THAT THE "NOT IN PARK/BRAKE" INDICATOR LIGHT COMES ON. RESET THE PARKING BRAKE. THE "NOT IN PARK/BRAKE" LIGHT SHOULD GO OUT.

[COMMENTS]

7. VERTICAL OPERATION:

PRESS THE "HYD" BUTTON A SECOND TIME. THE "HYDRAULIC OPERATION INDICATOR LIGHT SHOULD START TO FLASH. THE PUMP SHOULD COME ON AND ALL FOUR JACKS SHOULD SWING VERTICAL. THIS IS A PROGRESSIVE FUNCTION. THE LEFT FRONT JACK SHOULD SWING VERTICAL FIRST, THEN THE RIGHT FRONT, RIGHT REAR, AND FINALLY THE LEFT REAR. AS THE WARNING LIGHT FOR EACH JACK COMES ON, THE PROCESS MOVES TO THE NEXT JACK. THE MASTER WARNING LIGHT ON THE DASH, IF USED, SHOULD BE LIT. THE PUMP WILL SHUT OFF AFTER THE LEFT REAR JACK IS VERTICAL, THE "HYDRAULIC OPERATION" INDICATOR LIGHT WILL GLOW STEADY. CHECK IF ALL JACKS ARE PERPENDICULAR TO THE FLOOR OF THE VEHICLE. IF TILTED THEY NEED ADJUSTMENT.

[COMMENTS]

8. JACK OPERATION:

USE THE "RAISE" AND "LOWER" BUTTONS ON THE RIGHT SIDE OF OF THE PANEL TO CHECK THE JACK OPERATION. USE THE EACH "RAISE" BUTTON TO MAKE SURE THE APPROPRIATE JACK PAIRS WORK WITH ITS BUTTON. EXAMPLE PUSH AND HOLD THE FRONT RAISE BUTTONS. THE TWO FRONT JACKS SHOULD EXTEND AND LIFT THE VEHICLE. REPEAT THIS WITH THE OTHER THREE RAISE BUTTONS. USE THE "LOWER" BUTTONS TO MAKE SURE EACH JACK WILL FULLY RETRACT TO THE HORIZONTAL POSITION. REMEMBER, THE JACKS OPERATE IN PAIRS. CHECK THAT ONLY THE CORRESPONDING JACK EXTEND OR RETRACT WHEN A BUTTON IS PUSHED. THE PUMP SHOULD ONLY RUN WHEN A "RAISE" BUTTON IS PUSHED. PLACE THE JACKS IN THE VERTICAL POSITION BEFORE PROCEEDING TO STEP 9.

[COMMENTS]

	OK	REWORK
5. HYDRAULIC START "I" BUTTON:	<input type="checkbox"/>	<input type="checkbox"/>
6. "NOT IN PARK/BRAKE" CHECK:	<input type="checkbox"/>	<input type="checkbox"/>
7. VERTICAL OPERATION:	<input type="checkbox"/>	<input type="checkbox"/>
8. JACK OPERATION:	<input type="checkbox"/>	<input type="checkbox"/>

9. STORE OPERATION:

PUSH THE "O" OFF BUTTON. PUSH THE "I" ON BUTTON ONE TIME THEN PUSH THE "JACK STORE" BUTTON. ALL FOUR JACKS SHOULD SWING TOWARD HORIZONTAL. THE FOUR RED "JACKS DOWN" LIGHTS AND THE MASTER "JACKS DOWN" LIGHT ON THE DASH SHOULD GO OUT. THE "TRAVEL PERMISSIBLE LIGHT" SHOULD BE ON WHEN ALL "JACKS DOWN" LIGHTS ARE OUT.

[COMMENTS]

OK

REWORK

10. MOUNTING BRACKET CHECK:

CHECK ALL MOUNTING BRACKETS AND WELDS FOR PHYSICAL DAMAGE.

[COMMENTS]

11. HYDRAULIC OIL LEVEL:

CHECK RESERVOIR OIL LEVEL. OIL SHOULD BE WITHIN ONE INCH OF THE TOP OF THE TANK. IF OIL IS LOW DO NOT CONTINUE UNTIL THE TANK HAS BEEN FILLED. POWER UNIT COULD BE DAMAGED. JACKS MUST BE FULLY RETRACTED TO CHECK THE HYDRAULIC OIL LEVEL.

[COMMENTS]

12. AUTO LEVELING-1ST STAGE:

POSITION THE VEHICLE SO ONE OR MORE YELLOW LEVELING LIGHTS ARE ON. PUSH THE "I" BUTTON ONCE TO TURN THE SYSTEM ON. PUSH THE "I" BUTTON A SECOND TIME TO MOVE THE JACKS TO THE VERTICAL POSITION. ALL OF THE RED WARNING LIGHTS SHOULD BE ON. THESE OPERATIONS WERE CHECKED IN STEPS 4 THRU 7, AND SHOULD BE OK.

[COMMENTS]

13. AUTO LEVELLING -2ND STAGE:

PUSH THE "I" BUTTON AGAIN (3RD) TIME.

A. THE "HYDRAULIC OPERATION" INDICATOR LIGHT WILL START TO BLINK.

B. ONE OR TWO JACKS AT A TIME WILL EXTEND CORRESPONDING TO ANY YELLOW LIGHT WHICH IS LIT. THE PUMP WILL CYCLE ON AND OFF AS REQUIRED. THERE IS A SHORT DELAY BETWEEN OPERATION OF THE JACKS . THIS SHOULD CONTINUE UNTIL ALL YELLOW LIGHTS ARE OUT OR UNTIL ONE JACK HAS REACHED FULL STROKE.

C. THE PUMP WILL COME BACK ON. DURING THIS TIME ANY JACKS NOT ALREADY TOUCHING THE GROUND WILL BE EXTENDED TO STABILIZE THE VEHICLE. NOTE: THE JACKS SHOULD LIFT THE VEHICLE AT LEAST 1/2 INCH BUT SHOULD NOT LIFT THE VEHICLE MORE THAN 1 INCH.

D. THE "HYDRAULIC OPERATION" LIGHT WILL GO OUT.

[COMMENTS]

OK

REWORK

14. SENSING UNIT:

AFTER AUTO LEVELING-2ND STAGE, ALL YELLOW LEVELING LIGHTS SHOULD BE OUT. CHECK WITH A LEVEL TO SEE THAT THE VEHICLE IS LEVEL. IF IT IS, THE SENSING UNIT IS PROPERLY ADJUSTED.

[COMMENTS]

15. AUTOMATIC RETRACT (STORE):

THE IGNITION SWITCH MUST BE IN THE "ACC" OR "ON" POSITION. PUSH THE "I" BUTTON THE "HYDRAULIC OPERATION" INDICATOR LIGHT WILL GLOW STEADY. PUSH THE "STORE" BUTTON ONE TIME.

A. THE "JACK STORAGE" INDICATOR LIGHT WILL START TO FLASH.

B. AS EACH JACK CLEARS THE GROUND, IT SHOULD SWING HORIZONTAL AND CONTINUE TO RETRACT.

C. THE RED WARNING LIGHTS SHOULD BE OUT.

D. THE GREEN "TRAVEL PERMISSIBLE" INDICATOR LIGHT SHOULD COME ON WHEN THE RED WARNING LIGHTS ARE OUT.

E. THE SYSTEM WILL AUTOMATICALLY SHUT DOWN SIX MINUTES AFTER ALL THE JACKS ARE RETRACTED. ALL LIGHTS ON THE TOUCH PANEL SHOULD NOW BE OUT EXCEPT THE "TRAVEL" LIGHT. CHECK THAT ALL JACKS ARE IN THE HORIZONTAL POSITION AND FULLY RETRACTED.

[COMMENTS]