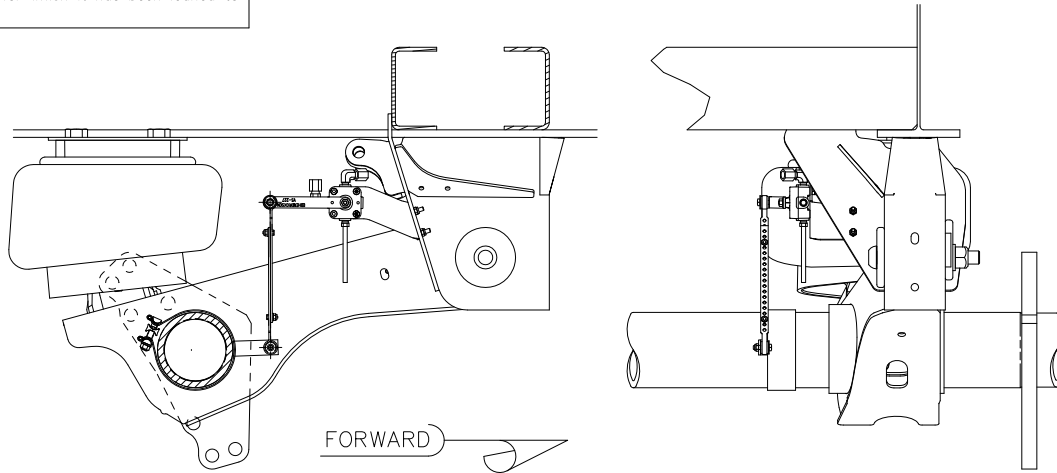


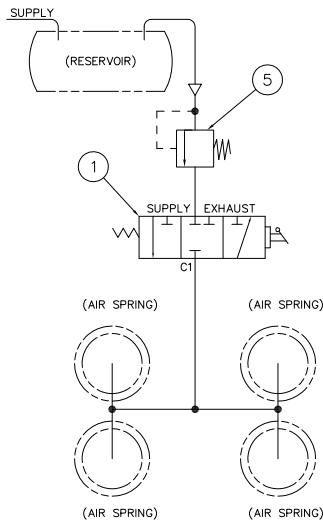
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NOTE: SOME COMPONENTS NOT SHOWN FOR CLARITY.

NOTES:

1. DO NOT ADD LUBRICATION TO AIR SYSTEM.
2. ALL CONNECTIONS MUST BE LEAK PROOF.
3. AVOID BENDS IN AIR LINES.
4. AIR LINE FITTINGS AND LINES TO BE FURNISHED BY INSTALLER. 3/8" POLYIMIDE TUBING RECOMMENDED.
5. APPLICATION - ALL TRAILERS USING INTRAAX® AANT, 5" AXLE, AIR DISC READY SUSPENSION MODELS.
6. TRIM & BOLT LINKS TO 8.88" LENGTH.
7. AIR UP SUSPENSION UNTIL AXLE IS SET AT PROPER RIDE HEIGHT. INSERT LOCATING PIN IN HCV CONTROL ARM TO HOLD ARM IN NEUTRAL POSITION. INSTALL ONE END OF THE LINK TO THE HEIGHT CONTROL VALVE. INSTALL BRACKET (ITEM 3) AND THE BAND CLAMP (ITEM 6) LOOSELY ON THE AXLE. ROTATE ITEMS 3 AND 6 TO LINE UP THE MOUNTING HOLE AND THE OTHER END OF THE LINK. INSTALL LINK FASTENER AND TIGHTEN NUT. DO NOT OVER-TIGHTEN LINK FASTENER TO ALLOW THE LINK TO ROTATE FREELY. TIGHTEN THE BAND CLAMP (ITEM 6) TO 50-60 FT-LB, BEING CAREFUL NOT TO CHANGE THE ORIENTATION OF ITEM 3.
8. TO MAKE FINE ADJUSTMENTS TO RIDE HEIGHT LOOSEN HCV MOUNTING NUTS AND ROTATE VALVE BODY.
9. ALL ITEMS SHIPPED UNASSEMBLED. FITTINGS, NUTS AND BOLTS TO BE PLACED IN A PLASTIC BAG.
10. HEIGHT CONTROL VALVE SERVICE REPLACEMENT P/N VS-227.

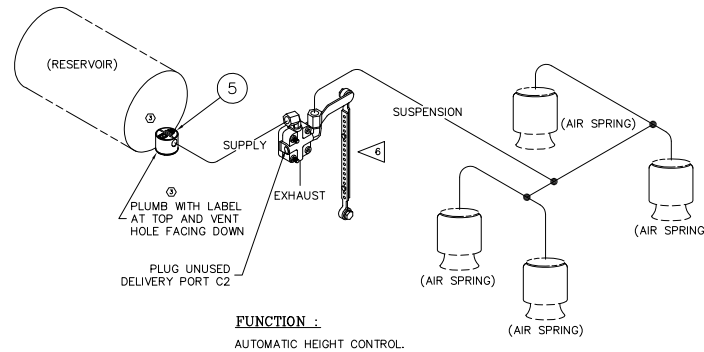


OPERATION :

VALVE ARM HORIZONTAL
FRAME IS AT PRESET HEIGHT
NO AIR FLOW OCCURRING.

VALVE ARM DOWN
FRAME IS HIGH, AIR SPRINGS
ARE EXHAUSTED UNTIL ARM
IS HORIZONTAL.

VALVE ARM UP
FRAME IS LOW, AIR SPRINGS
ARE INFLATED UNTIL ARM
IS HORIZONTAL.



FUNCTION :
AUTOMATIC HEIGHT CONTROL.

BILL OF MATERIALS			
HCV WITHOUT DUMP			AKH0281-3
			REVISION 3
ITEM	PART NO.	DESCRIPTION	QTY.
1	A-28648	HCV - VALVE ONLY	1
2	A-14187	LINK ASSEMBLY - BOLTED	1
3	B-23293	HCV BRACKET	1
4	B-26306	HCV BRACKET ASSEMBLY	1
5	B-38941	PRESSURE PROTECTION VALVE	1
6	B-26593-1	CLAMP, BAND	1
7*	DWG AKH0281	HCV AANT 5" AXLE AIR DISC	1
8*	L-668	INSTALLATION INSTRUCTIONS	1
9*	A-29870	HCV SUB KIT (#1)	1
* NOT SHOWN			WEIGHT (LB) 3.05

