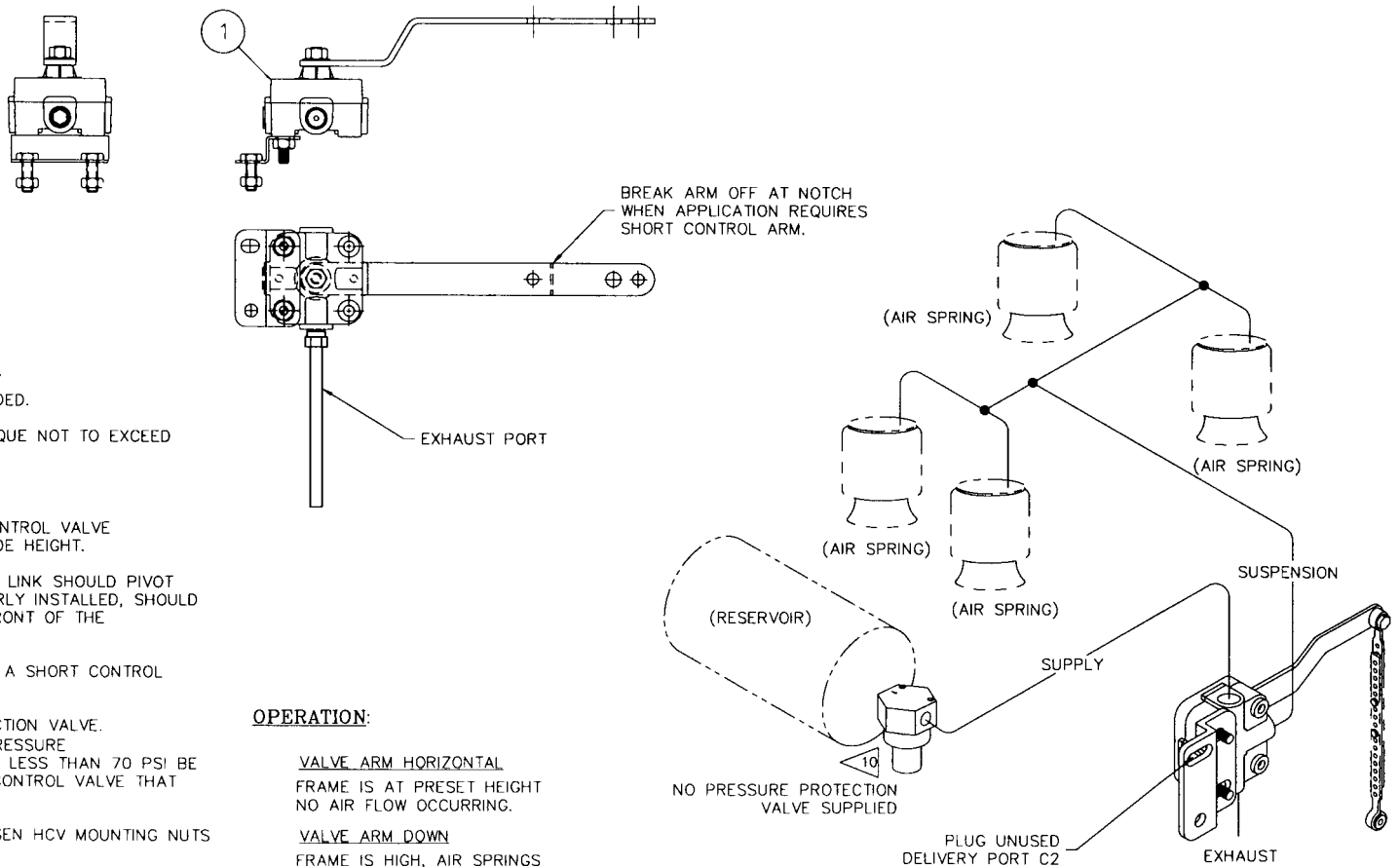


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ITEM	PART NO.	DESCRIPTION	QTY.
1	A-28651	HCV - VALVE ONLY	1
*2	DWG C-25193	VS-227/228 AIR KIT DWG	1
*3	L-691	REPLACEMENT PROCEDURE	1
*4	A-29875	VS-227/228 SUB-KIT	1
* NOT SHOWN			WEIGHT: .87



NOTES:

- DO NOT ADD LUBRICATION TO AIR SYSTEM.
- ALL CONNECTIONS MUST BE LEAK PROOF.
- AVOID BENDS IN AIR LINES.
- AIR LINE FITTINGS AND LINES TO BE FURNISHED BY INSTALLER. 3/8" O.D. POLYIMIDE TUBING RECOMMENDED.
- RECOMMENDED AIR LINE FITTING INSTALLATION TORQUE NOT TO EXCEED 7FT-LBS.
- APPLICATION - ALL SUSPENSION SYSTEMS.
- TRIM & BOLT LINKS AS REQ'D TO HOLD HEIGHT CONTROL VALVE IN NEUTRAL POSITION WHEN SUSPENSION IS AT RIDE HEIGHT.
- DO NOT OVER TIGHTEN LINK MOUNTING BOLTS. THE LINK SHOULD PIVOT FREELY ABOUT THE BOLT. THE LINK, WHEN PROPERLY INSTALLED, SHOULD APPEAR VERTICAL WHEN VIEWING IT FROM THE FRONT OF THE SUSPENSION.
- BREAK HCV CONTROL ARM AT NOTCH WHEN USING A SHORT CONTROL ARM SUSPENSION APPLICATION.
- THIS KIT DOES NOT CONTAIN A PRESSURE PROTECTION VALVE. IT IS HENDRICKSON'S RECOMMENDATION THAT A PRESSURE PROTECTION VALVE WITH A CLOSING PRESSURE NO LESS THAN 70 PSI BE USED FOR ANY ACCESSORY INCLUDING A HEIGHT CONTROL VALVE THAT USES BRAKE RESERVOIR AIR.
- TO MAKE FINE ADJUSTMENTS IN RIDE HEIGHT LOOSEN HCV MOUNTING NUTS AND ROTATE VALVE BODY.
- ALL ITEMS SHIPPED UNASSEMBLED FITTINGS AND NUTS TO BE PLACED IN A PLASTIC BAG.

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

	UNLESS OTHERWISE NOTED TOLERANCES ARE:	5 17473	PSO 03-17-09	DRAWN BY L. WILSON	DATE 6-7-99	SCALE 50=1.00 (SIZE) DRAWING NO. C-25193
	DIMENSIONS ARE INCHES X ± .1 XX ± .06 XXX ± .030 ANGULAR ± 0.5° DIMENSIONS ADHERE TO ANSI Y14.5M 1987	4 16999	PSO 9-23-08	CHD BY G. SHENKLE	DATE 8-9-99	
2070 INDUSTRIAL PLACE S.E. CANTON, OH 44707-2600 U.S.A.		3 16040	PSO 10-12-07	APPRO BY J. CERVANTEZ	DATE 3-19-01	PAGE 1 OF 2