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" O.D. POLYIMIDE TUBING RECOMMENDED.
5. APPLICATION – ALL TRAILERS USING INTRAAX® AAL, NOT COMPATIBLE WITH AAEL® AND AAEDT® SUSPENSION MODELS.
6. TRIM & BOLT LINKS AS REQD TO HOLD HEIGHT CONTROL VALVE IN NEUTRAL POSITION WHEN SUSPENSION IS AT RIDGE HEIGHT.
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 THE OTHER END IN MOUNTING BRACKET. INSTALL LINK FASTENERS AND TIGHTEN NUTS. DO NOT OVER-TIGHTEN LINK FASTENERS, LINK SHOULD ROTATE FREELY.

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
AUTOMATIC SUSPENSION DUMP

HCV W/ DUMP KIT FOR AAL LDA

HENDRICKSON TRACTOR COMMERCIAL VEHICLE SYSTEMS

REV 5

ITEM | PART NO. | DESCRIPTION | QTY. | QTY.
--- | --- | --- | --- | ---
1 | A-29391 | HCV W/DUMP | 1 | 1
2 | A-14187 | LINK ASSEMBLY – BOLTED | 1 | 1
3 | B-37016-1 | HCV BRACKET | 1 | 1
4 | B-38941 | PRESSURE PROTECTION VALVE | 1 | 1
5 | DWG. AKHD0306 | HIGH FLOW HCV KIT FOR INTRAAX® UNDERSLUNG | 1 | 1
6 | L-666 | INSTALLATION INSTRUCTIONS | 1 | 1
7 | L-373 | CAUTION STICKER | 1 | 1
8 | A-349650 | HCV SUB-KIT (#8) | 1 | 1
9 | A-29874 | HCV SUB-KIT (#9) | 1 | 1
10 | SA-1100-10 | 3/8-16 X 1.25 LG HEX CAP SCREW | 2 | 2
11 | SA-7000-3 | 3/8-16 PREV-TORQ HEX PIN NUT | 2 | 2

* NOT SHOWN

WEIGHT (LB): 3.04

TORQUE TO 30 FT-LB

HCV BRACKET IS HANDED (DRIVERSIDE MOUNT) AFTERMARKET P/N: VS-37016-1

PLUG UNUSED DELIVERY PORT