

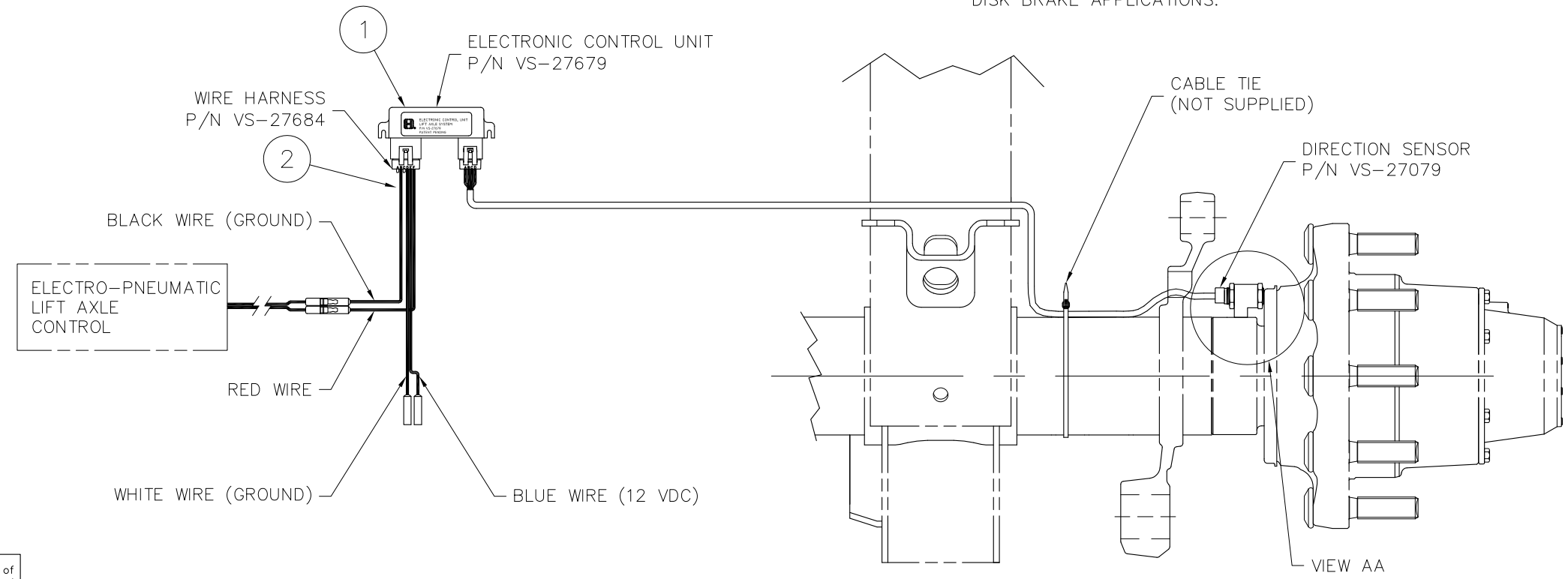
VIEW AA
SCALE: .125=1.000

② BILL OF MATERIALS:

EKA0001			
ITEM	PART NO.	DESCRIPTION	QTY.
1	B-27679	ELECTRONIC CONTROL UNIT	1
2	A-27684	ECU WIRE HARNESS	1
3	B-27079	DIRECTION SENSOR	1
*4	DWG EKAD0001	REVERSE LIFT AXLE CONTROL KIT	1

*NOT SHOWN

- NOTES:
1. INSTALL SENSOR BRACKET OR BLOCK ON THE LEFT SIDE (DRIVER SIDE) ONLY. USE A STANDARD ABS SENSOR BRACKET OR BLOCK RECOMMENDED BY THE AXLE SUPPLIER.
 - ② 2. INSERT SENSOR INTO THE BRACKET UNTIL IT'S METAL CASING IS .03 TO .07 INCH AWAY FROM TONE RING. IF SENSOR IS SUPPLIED WITH ADHESIVE ATTACHED INSTALLATION SPACER, THEN POSITION SENSOR WITH THE INSTALLATION SPACER CONTACTING THE TONE RING.
 3. ORIENT FLAT ON SENSOR HOUSING TOWARD THE AXLE.
 4. APPLY A THREAD LOCKING COMPOUND TO THE SENSOR THREADS ON BOTH SIDES OF THE SENSOR BRACKET.
 5. TIGHTEN JAM NUTS TO 45-55 FT-LB.
 6. SECURE SENSOR CABLE AND WIRE HARNESS EVERY 12 TO 16 INCHES.
 7. EACH OUTPUT OF THE ELECTRONIC CONTROL UNIT IS RATED FOR 5A@12VDC MAXIMUM. IF THE DEVICE SELECTED HAS A GREATER CURRENT DRAW, USE HENDRICKSON VCLD0080 (EXTERNAL RELAY KIT) TO SUPPLY POWER.
 8. THIS PRODUCT IS DESIGNED TO WORK IN CONJUNCTION WITH AN ELECTRO-PNEUMATIC LIFT AXLE CONTROL AND CAUSES THE LIFT AXLE TO RAISE WHEN THE VEHICLE IS MOVED IN REVERSE A PRESET DISTANCE. THE AXLE LOWERS AGAIN WHEN THE VEHICLE IS MOVED FORWARD A PRESET DISTANCE.
 - ② 9. WEIGHT: 1.0 LB
 - ② 10. USE EKAD0001 FOR DRUM BRAKE APPLICATIONS AND EKAD0001-1 FOR DISK BRAKE APPLICATIONS.



DRIVER'S SIDE WHEEL END

This Print remains the property of Hendrickson. All information contained thereon is confidential. It is loaned, subject to return on demand and on express condition that it is not to be copied or used directly or indirectly for any purpose other than the purpose for which it has been loaned to you.

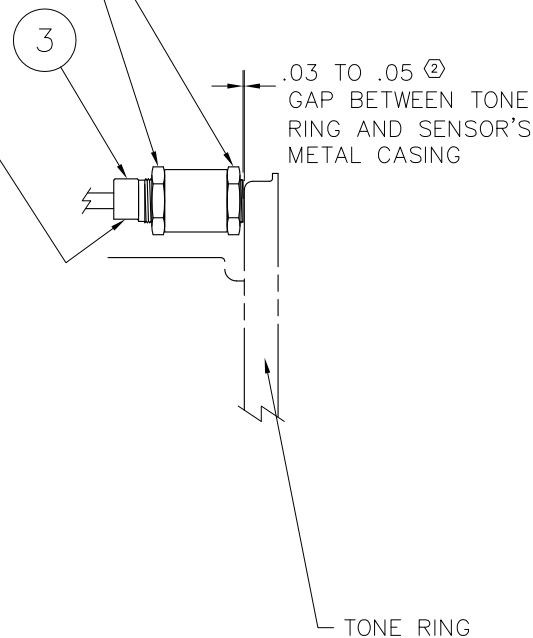
	UNLESS OTHERWISE NOTED: TOLERANCES ARE DIMENSIONS ARE: INCHES				DRAWN BY: J. CERVANTEZ DATE: 3-28-02	SCALE: .25=1.00 (SIZE) PAGE: 1 OF 2 DRAWING No.
	.X: ± .1 .XX: ± .06 .XXX: ± .030 ANGULAR: ± .5	2 25106 CCV 04-06-16 1 12102 NJF 12-05-02 0 11431 JWC 3-27-02	CHK'D BY: K. GALIGHER DATE: 4/3/02 APP'D BY: J. WHITE	THIS DRAWING IS THE CONFIDENTIAL PROPERTY OF HENDRICKSON	REVERSE LIFT AXLE CONTROL KIT EKAD0001	

TRAILER COMMERCIAL VEHICLE SYSTEMS
2070 INDUSTRIAL PLACE S.E., CANTON, OH 44707-2600 U.S.A.

DIMENSIONS ADHERE TO ANSI Y14.5M-1982 REV. ECN NO. BY DATE

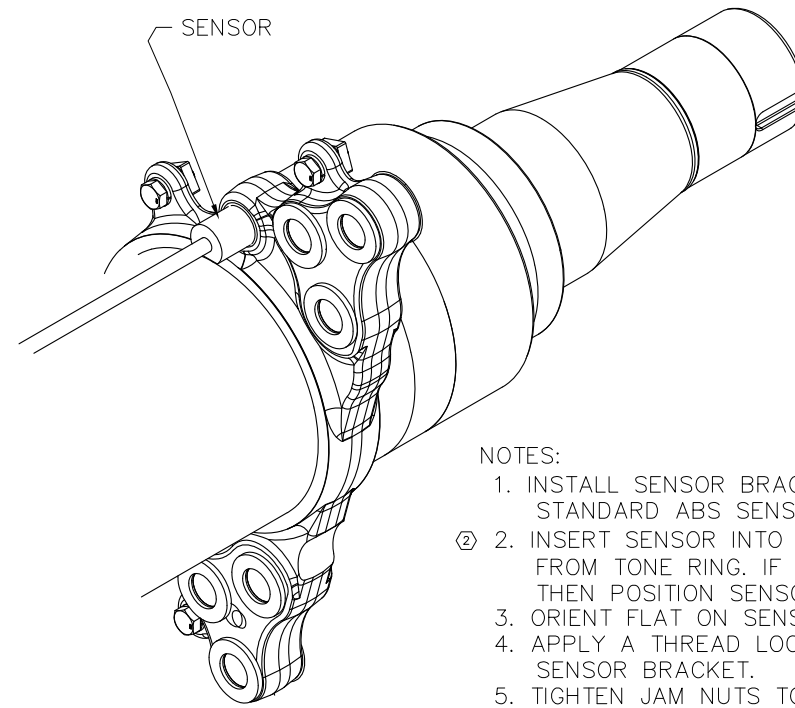
JAM NUTS
(APPLY THREAD LOCKING COMPOUND
AND TORQUE TO 45 TO 55 FT-LB)

ORIENT SENSOR SO THAT THE
FLAT ON THE END OF THE
HOUSING IS IN THE POSITION
CLOSEST TO THE AXLE.



VIEW AA

SCALE: .125=1.000



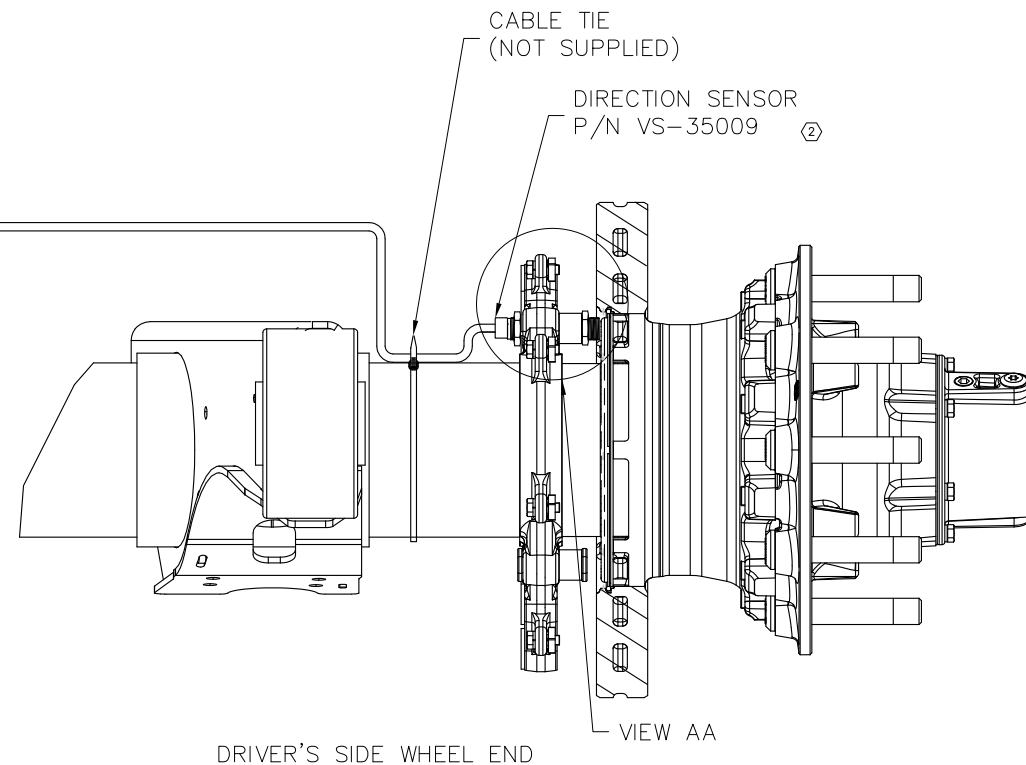
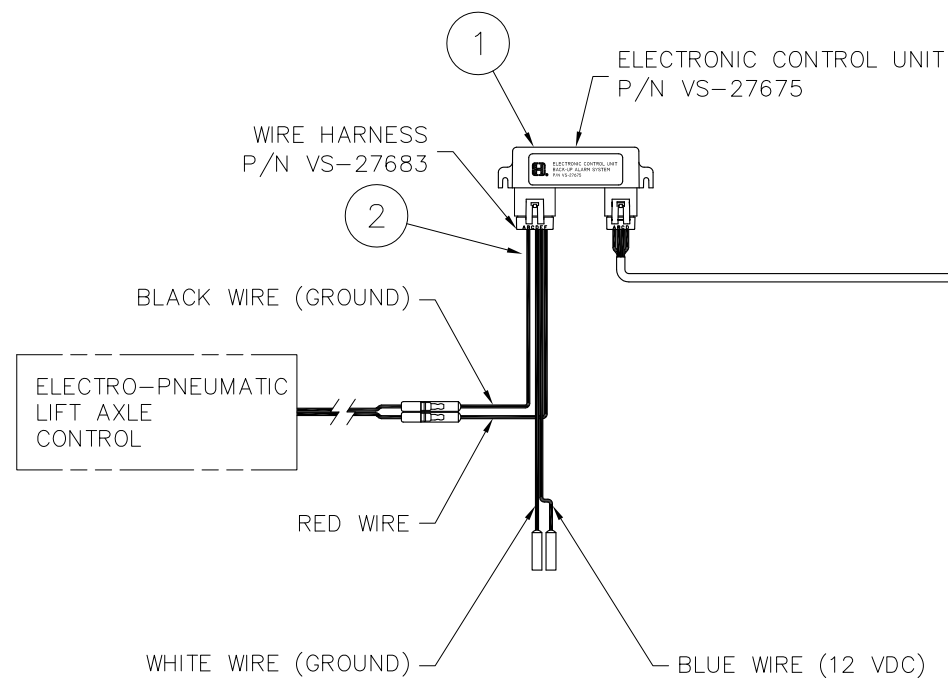
NOTES:

1. INSTALL SENSOR BRACKET OR BLOCK ON THE LEFT SIDE (DRIVER SIDE) ONLY. USE A STANDARD ABS SENSOR BRACKET OR BLOCK RECOMMENDED BY THE AXLE SUPPLIER.
- ② 2. INSERT SENSOR INTO THE BRACKET UNTIL IT'S METAL CASING IS .03 TO .05 INCH AWAY FROM TONE RING. IF SENSOR IS SUPPLIED WITH ADHESIVE ATTACHED INSTALLATION SPACER, THEN POSITION SENSOR WITH THE INSTALLATION SPACER CONTACTING THE TONE RING.
3. ORIENT FLAT ON SENSOR HOUSING TOWARD THE AXLE.
4. APPLY A THREAD LOCKING COMPOUND TO THE SENSOR THREADS ON BOTH SIDES OF THE SENSOR BRACKET.
5. TIGHTEN JAM NUTS TO 45-55 FT-LB.
6. SECURE SENSOR CABLE AND WIRE HARNESS EVERY 12 TO 16 INCHES.
7. EACH OUTPUT OF THE ELECTRONIC CONTROL UNIT IS RATED FOR 5A@12VDC MAXIMUM. IF THE DEVICE SELECTED HAS A GREATER CURRENT DRAW, USE HENDRICKSON VCLD0080 (EXTERNAL RELAY KIT) TO SUPPLY POWER.
8. THIS PRODUCT IS DESIGNED TO WORK IN CONJUNCTION WITH AN ELECTRO-PNEUMATIC LIFT AXLE CONTROL AND CAUSES THE LIFT AXLE TO RAISE WHEN THE VEHICLE IS MOVED IN REVERSE A PRESET DISTANCE. THE AXLE LOWERS AGAIN WHEN THE VEHICLE IS MOVED FORWARD A PRESET DISTANCE.
- ② ② 9. WEIGHT: 1.0 LB
- ② 10. USE EKAD0001 FOR DRUM BRAKE APPLICATIONS AND EKAD0001-1 FOR DISK BRAKE APPLICATIONS.

BILL OF MATERIALS:

ITEM	PART NO.	DESCRIPTION	QTY.
	EKAD0001		-1
1	B-27679	ELECTRONIC CONTROL UNIT	1
2	A-27684	ECU WIRE HARNESS	1
② 3	B-35009	DIRECTION SENSOR, DISK BRAKE	1
*4	DWG EKAD0001	REVERSE LIFT AXLE CONTROL KIT	1

*NOT SHOWN



This Print remains the property of Hendrickson. All information contained thereon is confidential. It is loaned, subject to return on demand and on express condition that it is not to be copied or used directly or indirectly for any purpose other than the purpose for which it has been loaned to you.



TRAILER COMMERCIAL VEHICLE SYSTEMS
2070 INDUSTRIAL PLACE S.E., CANTON, OH 44707-2600 U.S.A.

UNLESS OTHERWISE NOTED: TOLERANCES ARE DIMENSIONS ARE:		DRAWN BY C. VAN DYKE		DATE 04-06-16	
.X: ± .1	INCHES	CHK'D BY F. AREVALO	THIS DRAWING IS THE CONFIDENTIAL PROPERTY OF HENDRICKSON		
.XX: ± .06		APP'D BY J. CERVANTEZ			
.XXX: ± .030					
ANGULAR: ± .5					
DIMENSIONS ADHERE TO ANSI Y14.5M-1982		REV. ECN NO.	BY	DATE	
		2	25106	CCV	04-06-16

REVERSE LIFT AXLE CONTROL KIT

SCALE: .25=1.00 (SIZE)
PAGE: 2 OF 2
DRAWING No.

EKAD0001