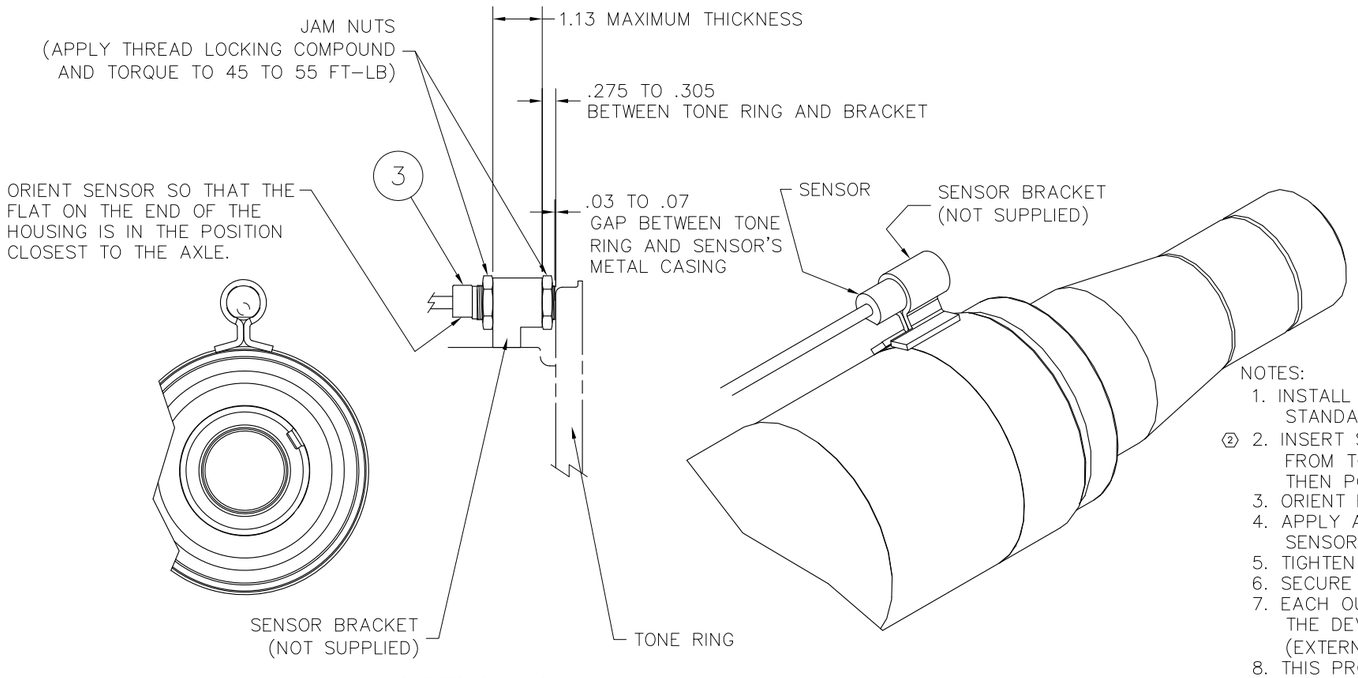


VIEW AA

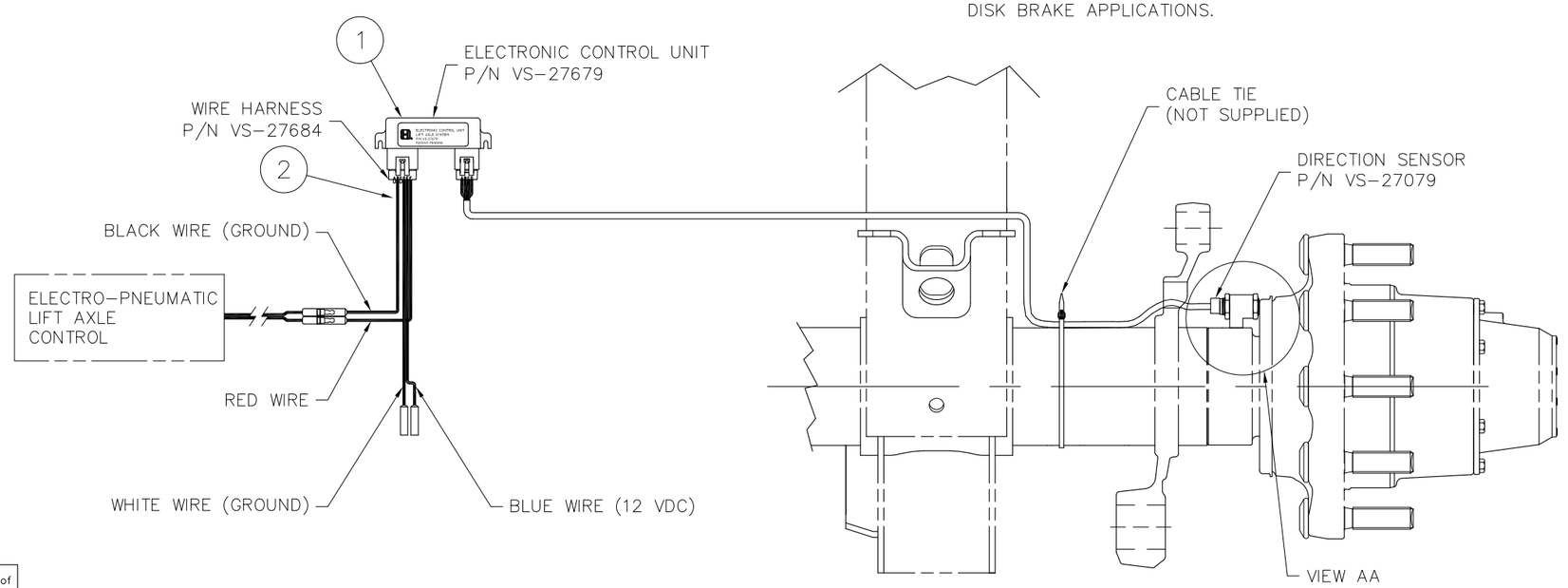
SCALE: .125=1.000

②	BILL OF MATERIALS:			
②		EKAD0001		
	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.
②② 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

HENDRICKSON ②

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

UNLESS OTHERWISE NOTED:
TOLERANCES ARE DIMENSIONS ARE: INCHES
.X: ± .1
.XX: ± .05
.XXX: ± .030
ANGULAR: ± .5
3RD ANGLE PROJECTION
DIMENSIONS ADHERE TO ANSI Y14.5M-1982

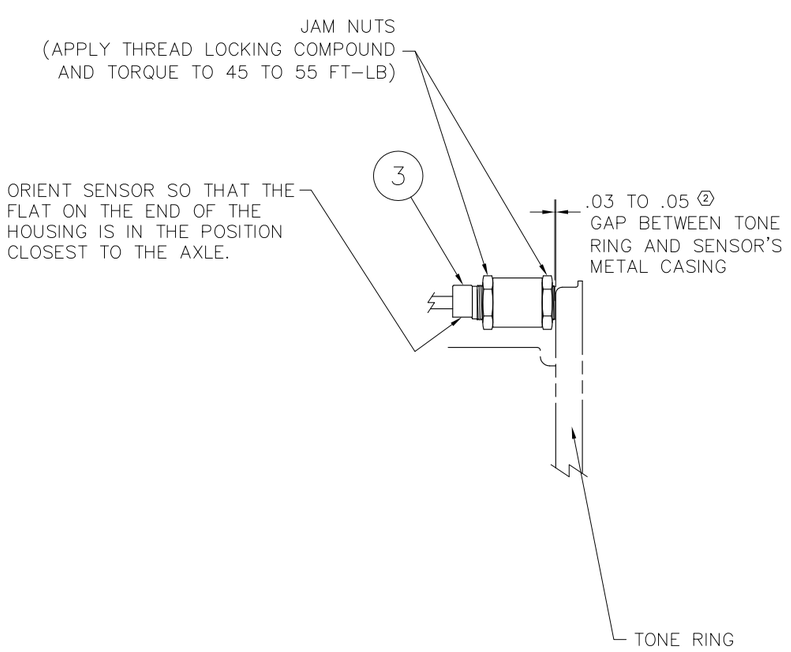
REV.	ECN NO.	BY	DATE
2	25106	CCV	04-06-16
1	12102	NJF	12-05-02
0	11431	JWC	3-27-02

DRAWN BY: J.CERVANTEZ
DATE: 3-28-02
CHK'D BY: 4/3/02 K. GALIGHER
APP'D BY: J. WHITE
THIS DRAWING IS THE CONFIDENTIAL PROPERTY OF HENDRICKSON

REVERSE LIFT AXLE CONTROL KIT

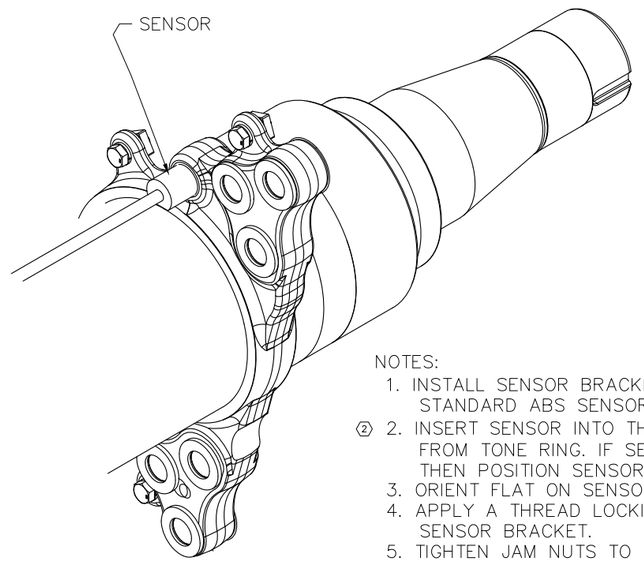
SCALE: .25=1.00 (SIZE)
PAGE: 1 OF 2
DRAWING No.: EKAD0001

②



VIEW AA

SCALE: .125=1.000



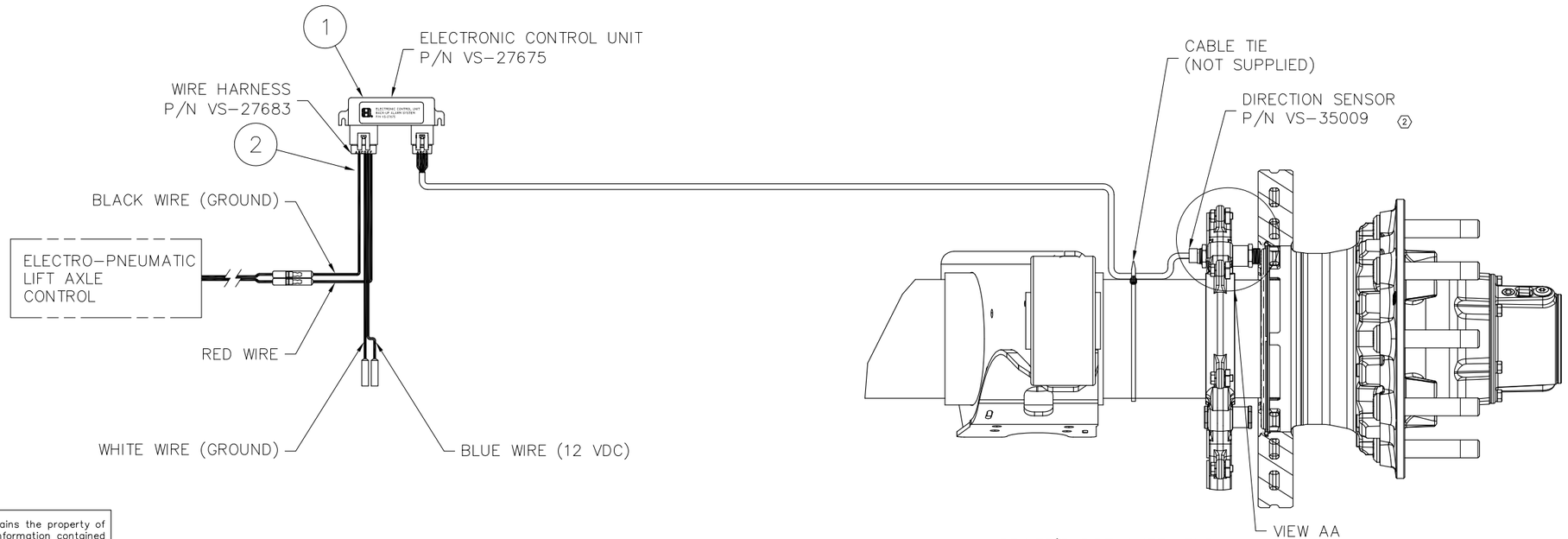
② BILL OF MATERIALS:

② EKAD0001 -1

ITEM	PART NO.	DESCRIPTION	QTY.
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

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.
②② 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

② ② ② ②

HENDRICKSON ②

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

UNLESS OTHERWISE NOTED:
TOLERANCES ARE DIMENSIONS ARE: INCHES
.X: ± .1
.XX: ± .06
.XXX: ± .030
ANGULAR: ± .5
3RD ANGLE PROJECTION
DIMENSIONS ADHERE TO ANSI Y14.5M-1982

REV.	ECN NO.	BY	DATE
2	25106	CCV	04-06-16

DRAWN BY: C. VAN DYKE — DATE: 04-06-16
CHK'D BY: F.AREVALO
APP'D BY: J.CERVANTEZ
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REVERSE LIFT AXLE CONTROL KIT

SCALE: .25=1.00 (SIZE) — PAGE: 2 OF 2
DRAWING No.: EKAD0001