



LMQ II Service Manual




Infinity Solutions Manufacturing
192 Gannett Drive South Portland, ME 04106
(207) 899-1714

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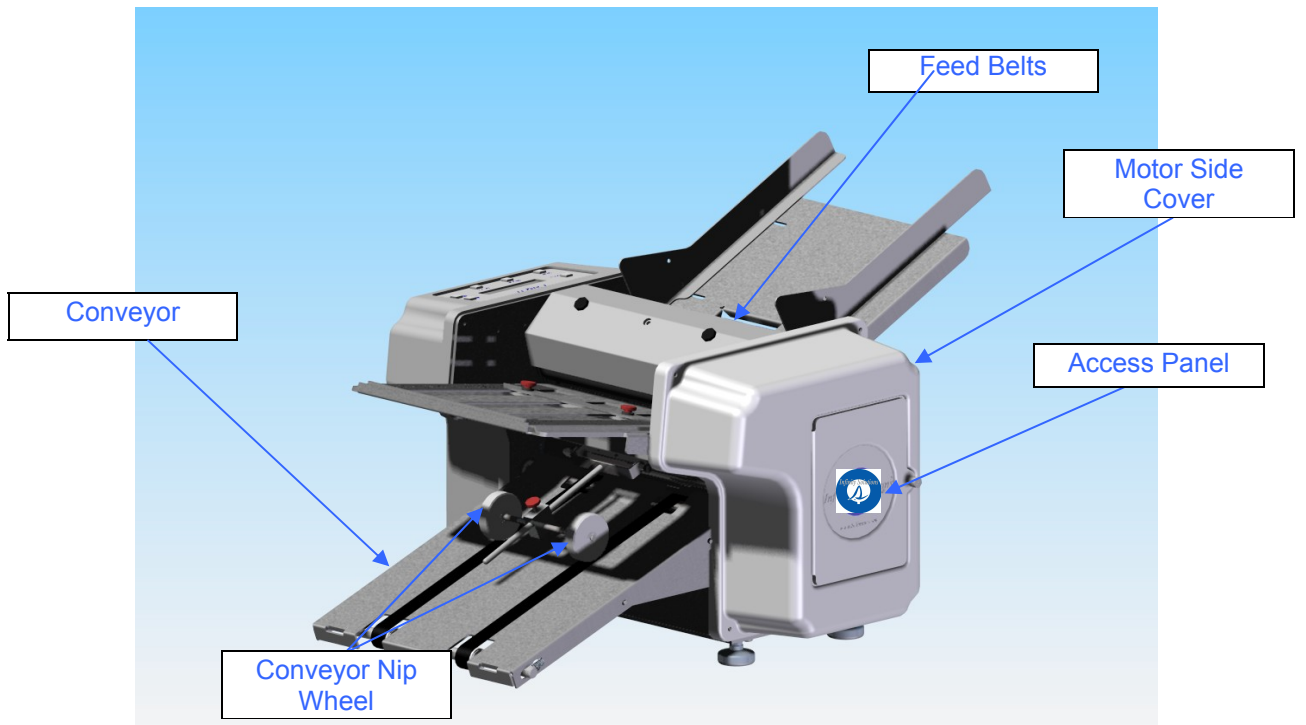
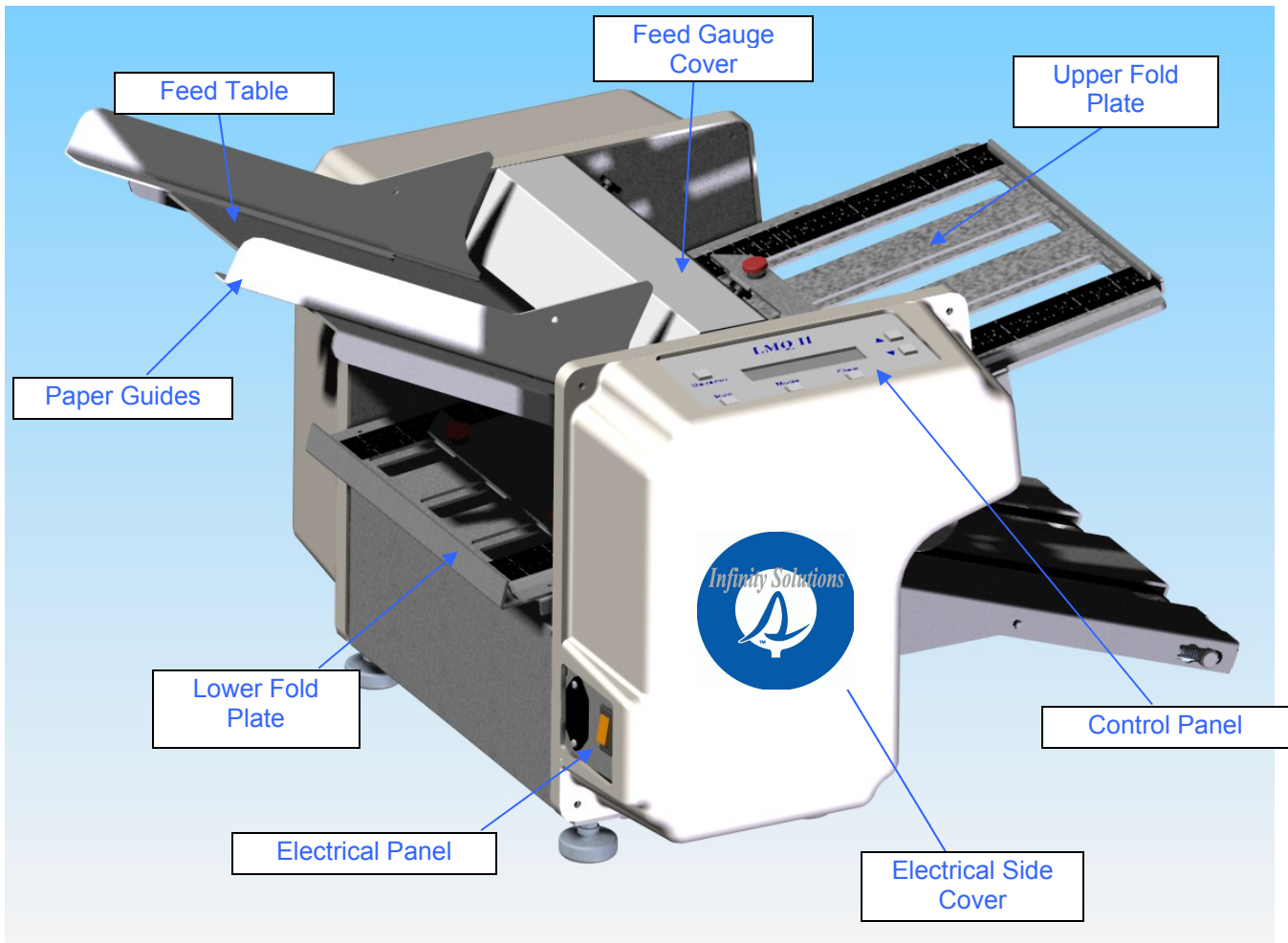
Tools Needed

- Set of U.S.A. standard Inch Allen Wrenches (3/32", 5/64", 1/8", 5/32", 3/16", 1/4")
- 7/16" Deep Socket & Driver
- 1/2" Open end wrench
- Needle nose Pliers
- Flat Head Screwdriver
- Continuity Tester

 **Warning:** Before servicing the machine, disconnect the power cord from the machine.

Machine Overview

⚠ Read the *Operators Manual* to become familiar with the machine operation.



Chassis

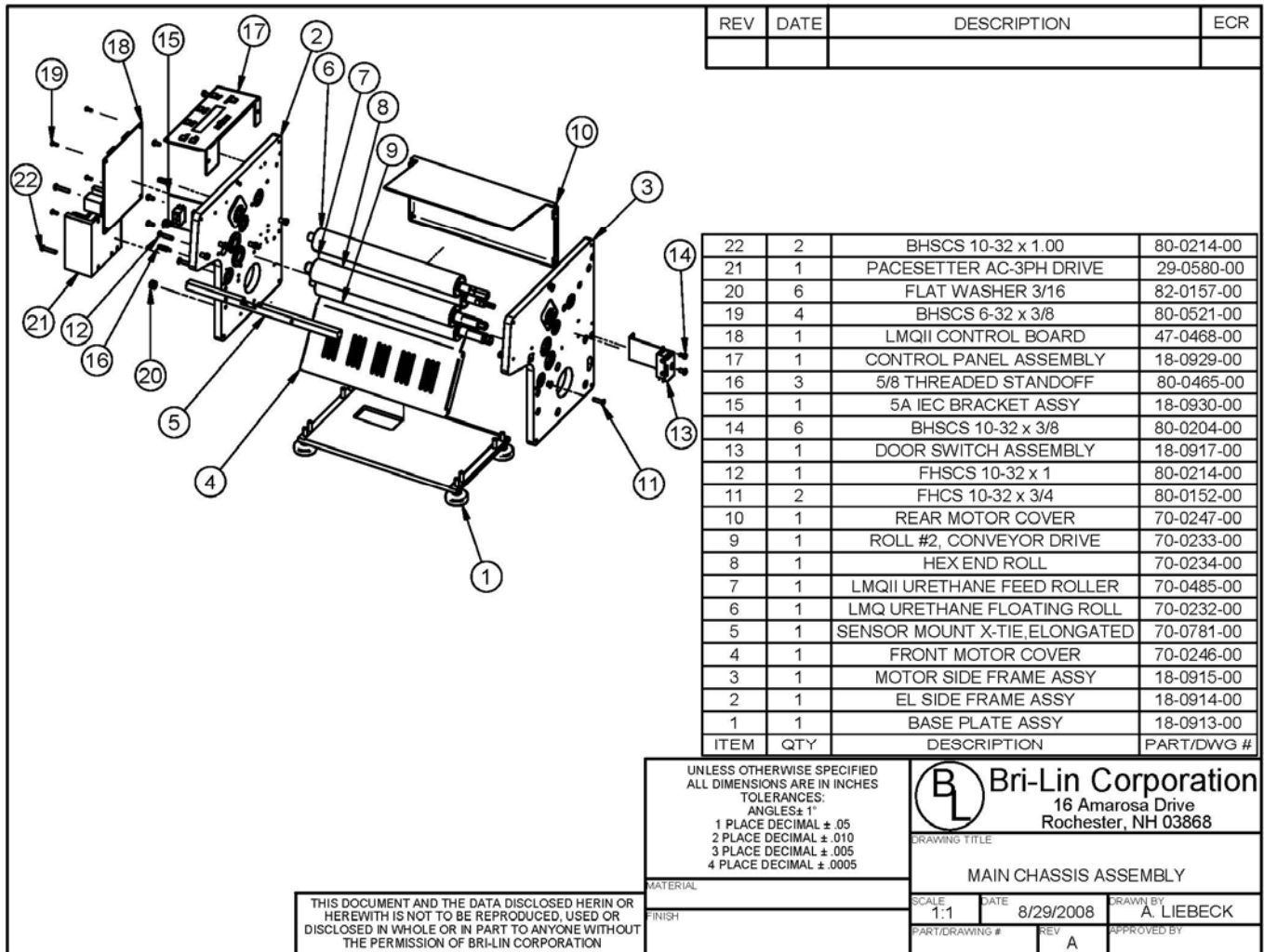


Figure 1: Chassis Assembly View

Removing the Side Covers

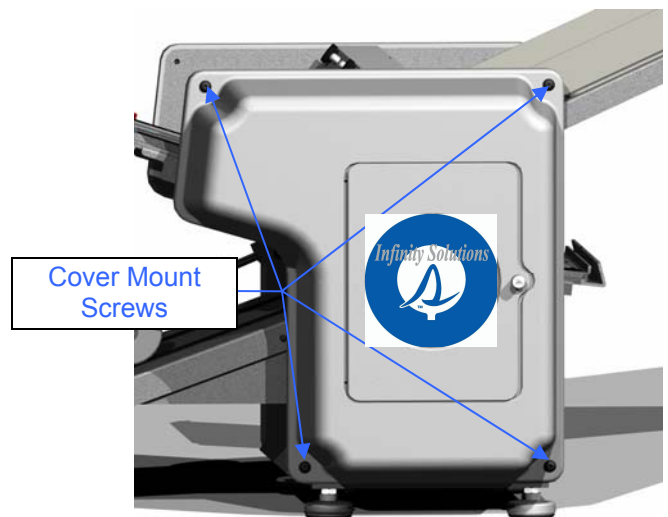
⚠ **Unplug the power cord from the machine before continuing.**

1. Remove the four **Cover Mount Screws** at the corners of the side cover [Figure 2].

Removing the Motor Side Frame

⚠ **Unplug the power cord from the machine before continuing.**

1. Remove both **Fold Plates**.
2. Remove the **Motor Side Cover** [Figure 2].
3. Remove the **Feed Gauge Cover** by removing both black thumb screws.
4. Turn the machine on its side (**Electrical Side** face



- down),resting it on the **Electrical Side Cover** so that the side **Electrical Side Frame** is seated properly in the side cover.
5. Remove the **Conveyor Drive O-Ring** [Figure 6].
 6. Remove the **Feed Drive Belt** [Figure 6].
 7. Remove the **Plastic Roll Gears** [Figure 6].
 - a. Remove the **E-clips** from the shafts.
 - b. Slide the **Plastic Gears** off of the shafts
 8. Remove the **Roll Gears** [Figure 6].
 - a. Loosen both set screws 2-3 turns.
 - b. Pull the gear off of the roll.
 - c. Remove the key from the roll.
 9. Remove the **Motor Gear** [Figure 6].
 - a. Loosen both set screws 2-3 turns.
 - b. Pull the gear off of the motor shaft.
 - c. Remove the key from the motor shaft.
 10. Remove the **Idler Gear** by removing the shoulder-bolt on which it is mounted [Figure 6].
 11. Remove the **Feed Drive Pulleys** [Figure 6]
 - a. Loosen the set screws 2-3 turns.
 - b. Pull the pulleys off of the shaft.
 12. Remove the **Conveyor Drive Pulley** [Figure 6].
 13. Disconnect both leads from the **Door Switch** [Figure 6].
 14. Remove the screws which attach the **Feed Table, Feed Idlers, Feed Gauge, Base Plate, Conveyor** and **Motor Covers** [Figure 3].
 15. Remove the two **Feet** on the motor side of the machine.
 16. Remove the two **Base Plate Screws** from the motor side of the machine.
 17. Remove the **Motor Mount Screws**. Be careful to catch the **Motor** before it drops. Gently let it rest on the **Electrical Side Frame**.
 18. Slowly pull up on the **Motor Side Frame**. As you pull the frame off of the rolls, reach under and push the **Slide Block** [Figure 3] up against the **Motor Side Frame** so that it stays with the frame as you remove it.

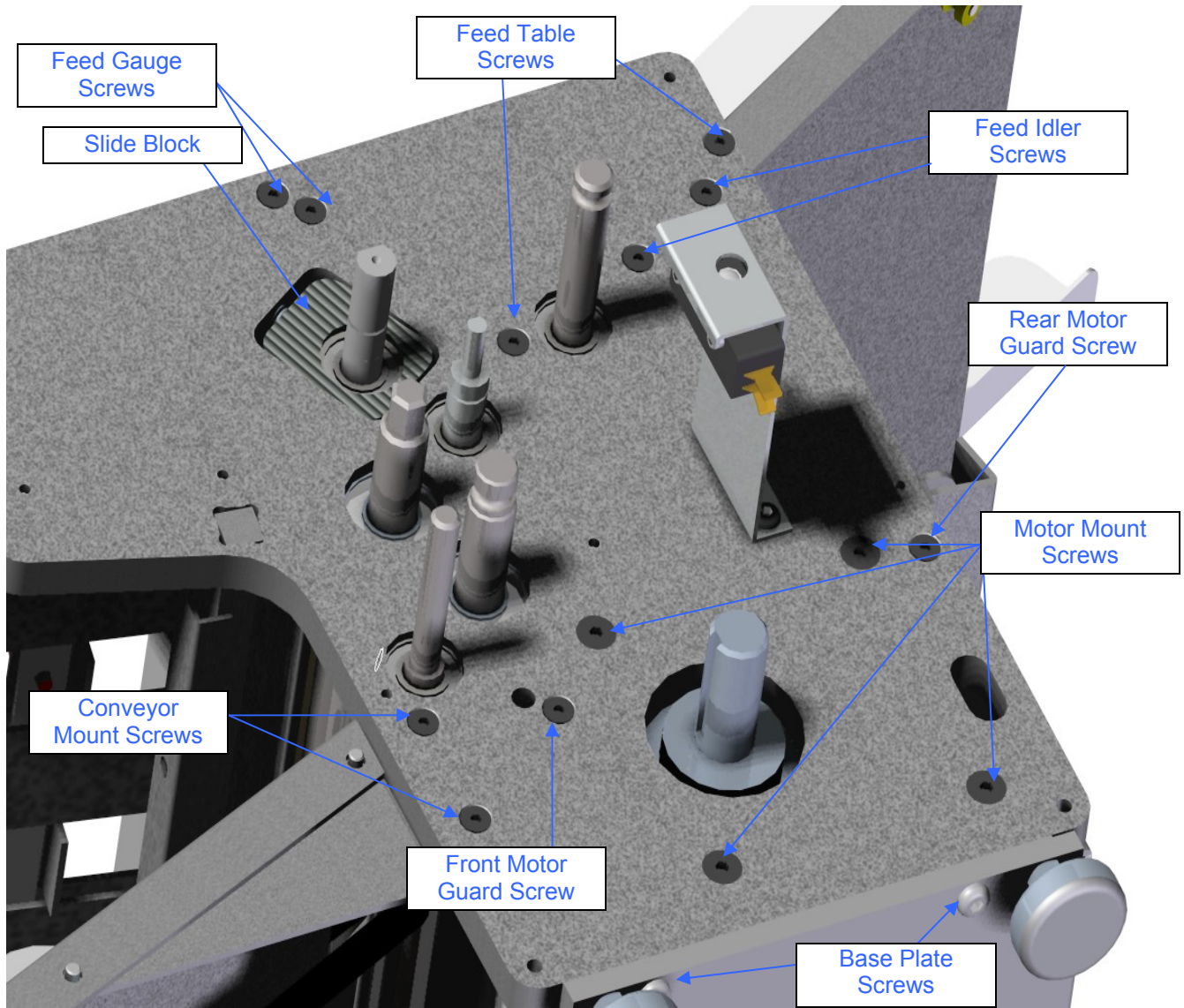


Figure 3: Motor Side Frame Removal

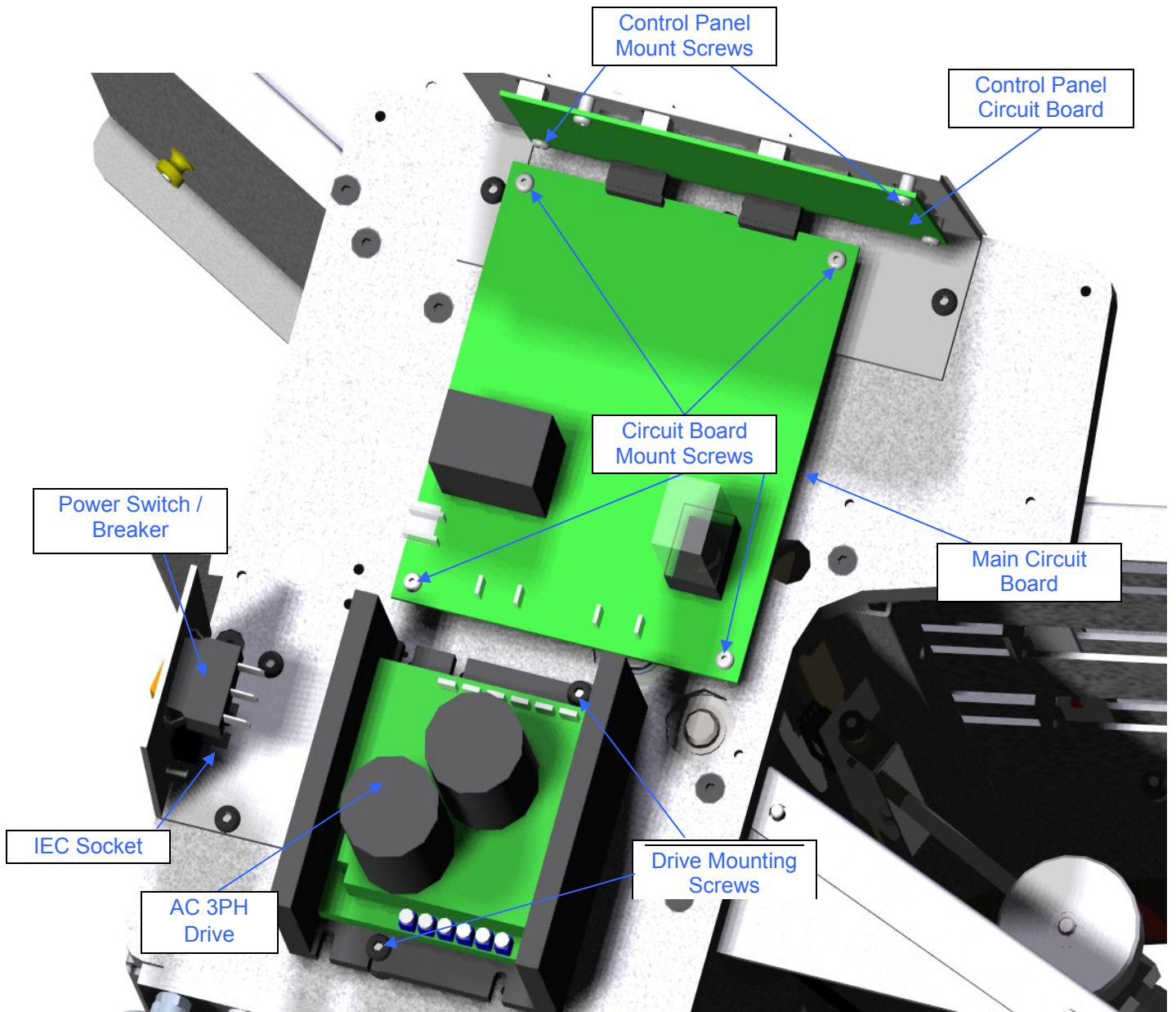


Figure 4: Electrical Side Frame

Servicing the Rolls

1. Remove the **Motor Side Frame** [see section above].
2. You will now be able to remove any roll that you need service [Figure 5].

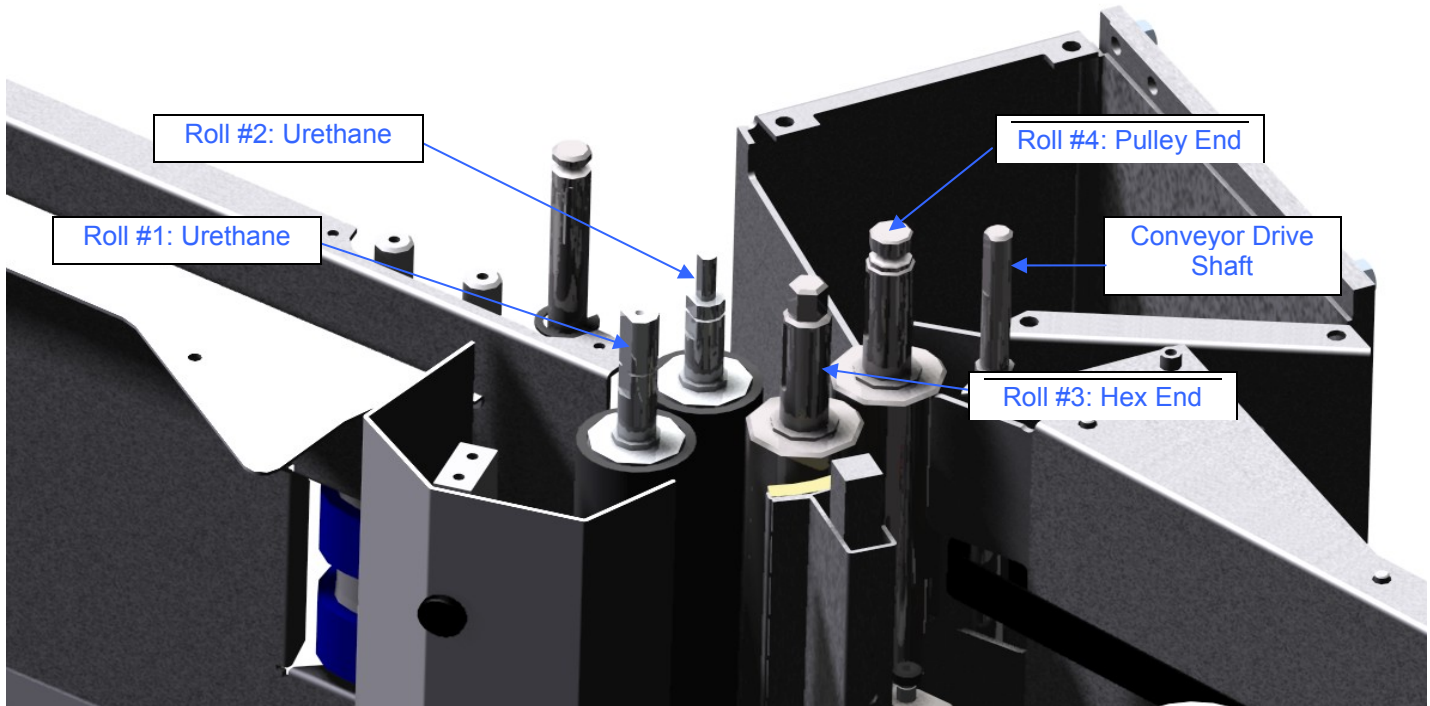


Figure 5: Servicing the Rolls

Drive Train

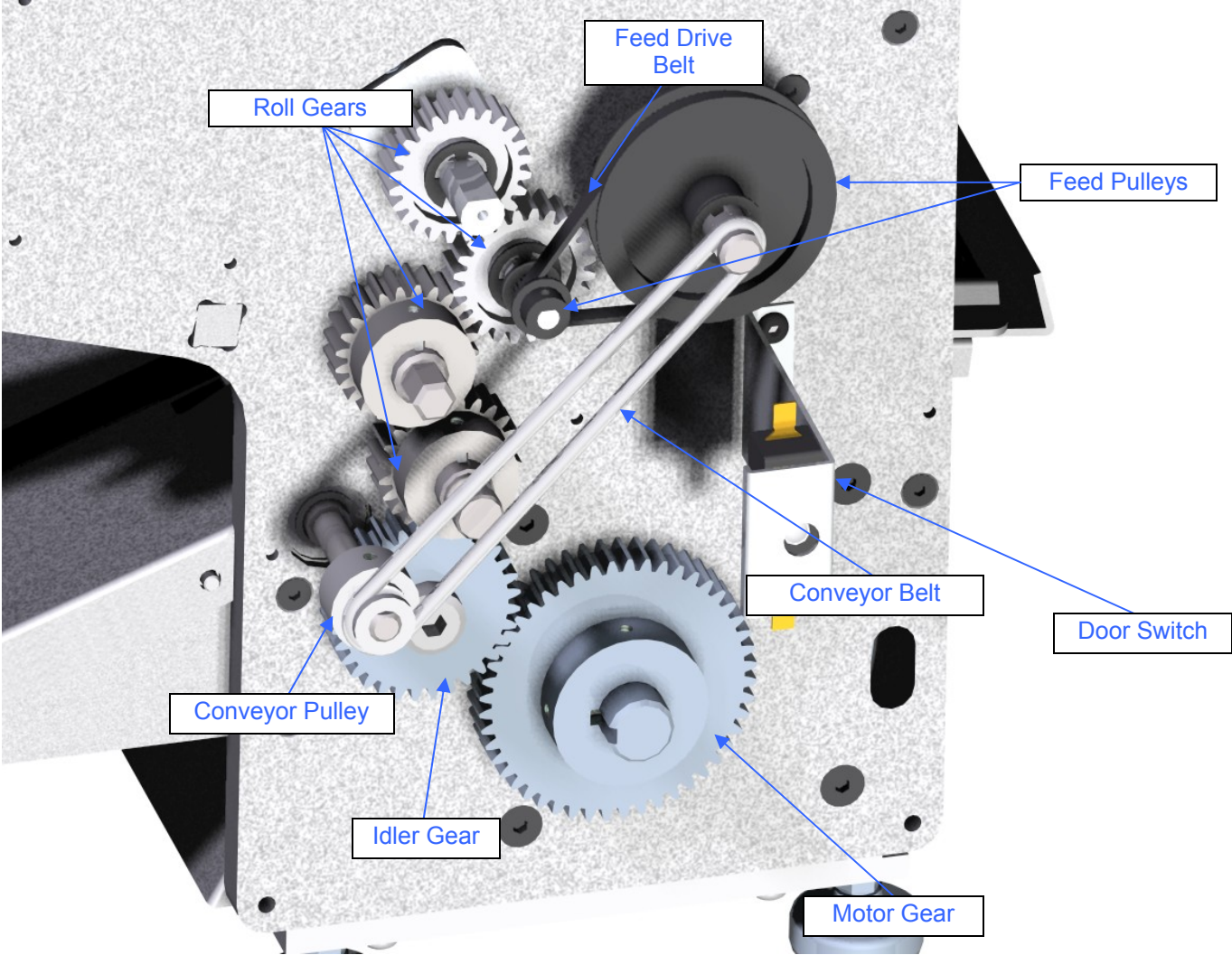


Figure 6: Drive Train

Removing the Drive Train Components

⚠ **Unplug the power cord from the machine before continuing.**

1. Remove the **Conveyor Drive O-Ring** [Figure 6].
2. Remove the **Conveyor Pulley** [Figure 6].
 - a. Loosen both set screws 2-3 turns.
 - b. Pull the pulley off of the shaft.
3. Remove the **Feed Drive Belt**, and **Pulleys** [Figure 6].
4. Remove the **Plastic Roll Gears** [Figure 6].
 - a. Remove the **E-clips** from the shafts.
 - b. Slide the **Plastic Gears** off of the shafts
5. Remove the **Roll Gears** [Figure 6].
 - a. Loosen both set screws 2-3 turns.
 - b. Pull the gear off of the roll.
 - c. Remove the key from the roll.
6. Remove the **Motor Gear** [Figure 6].
 - a. Loosen both set screws 2-3 turns.
 - b. Pull the gear off of the motor shaft.
 - c. Remove the key from the motor shaft.
7. Remove the **Idler Gear** by removing the shoulder-bolt on which it is mounted [Figure 6].
8. Remove the **Feed Pulley** [Figure 6]
 - a. Loosen the set screw 2-3 turns.
 - b. Pull the pulley off of the shaft.

Feed Assembly

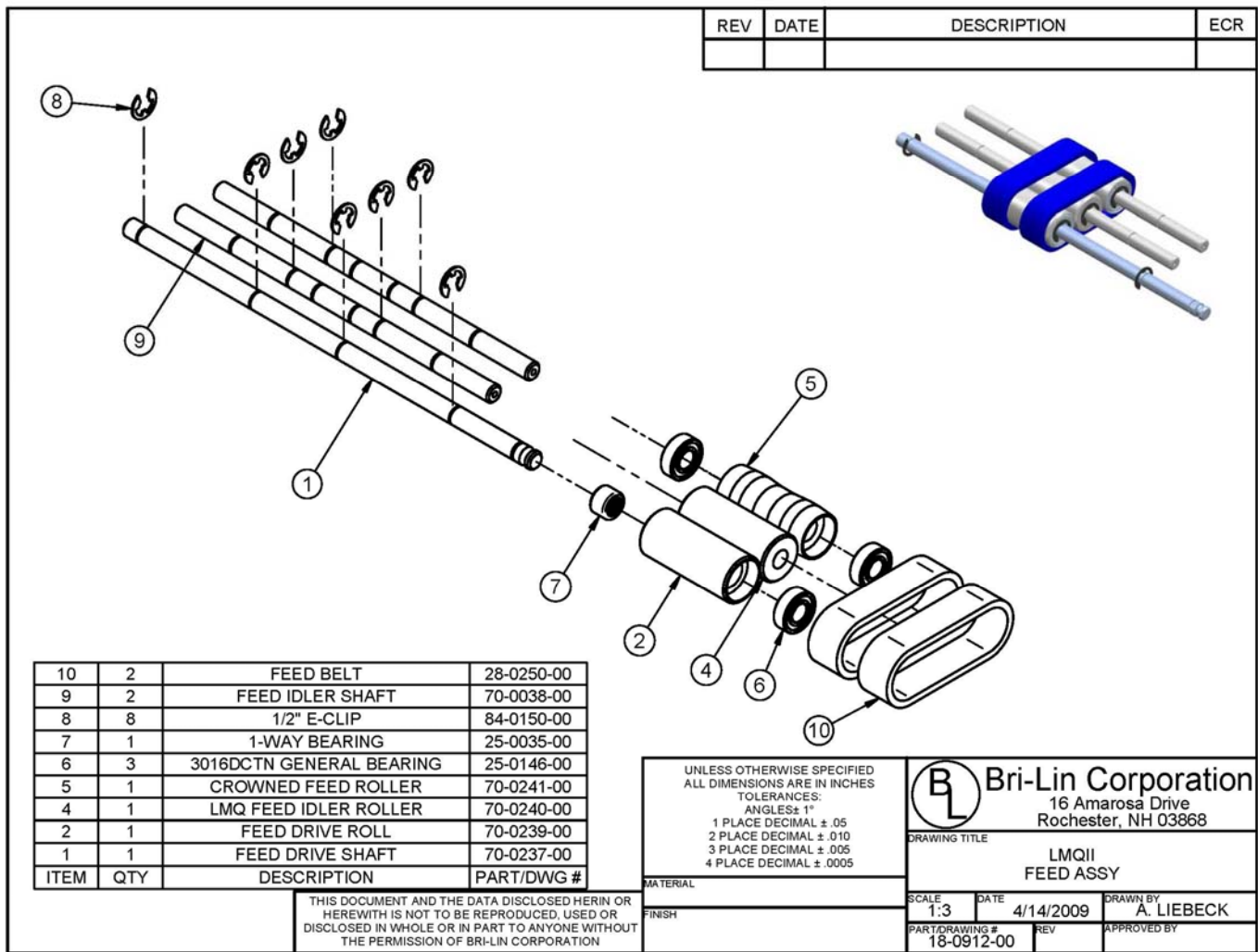


Figure 7: Feed Assembly

Servicing the Feed Drive System and Replacing the Feed Belts

1. Remove the **Electrical Side Cover** [Figure 2].
2. Remove the **Feed Idler Screws** from the **Electrical Side** [Figure 3].
3. Remove the **Feed Idler Screws** from the **Motor Side** [Figure 3].
4. Remove the **Retaining E-clips** from the **Feed Drive Shaft** [Figure 3].
5. Remove the **Feed Drive Pulley** from the **Feed Drive Shaft**.
6. The **Feed Drive Shaft** may now be slid out of the machine from the motor side of the machine.
7. Remove the **Feed Drive Roller**, **Feed Idler Shafts** and **Feed Belts** from the machine.
8. The **Feed Drive Roller** contains a **1-Way Bearing**, which should always face the **Electrical Side Frame** when re-assembled [Figure 8].
9. Place the new **Feed Belts** over the **Feed Drive Shaft** and **Feed Idler Shafts** [Figure 8].
10. Slide the **Feed Belts** over the **Feed Drive Roller** and **Crowned Feed Idler** so that the belts each straddle a crown on the **Crowned Feed Idler**.
11. While holding the **Feed Idler Shafts** in place, screw in the screw which mounts them to the **Electrical Side Frame**.
12. Now attach the screw which mounts the shafts to the **Motor Side Frame**.

Feed Table

13. Slide the **Feed Drive Shaft** back into the machine through the **Motor Side Frame**, and through the **Feed Drive Roller**.
14. Replace the **E-Clips** on the **Feed Drive Shaft**.
15. Replace the **Feed Drive Pulley**.

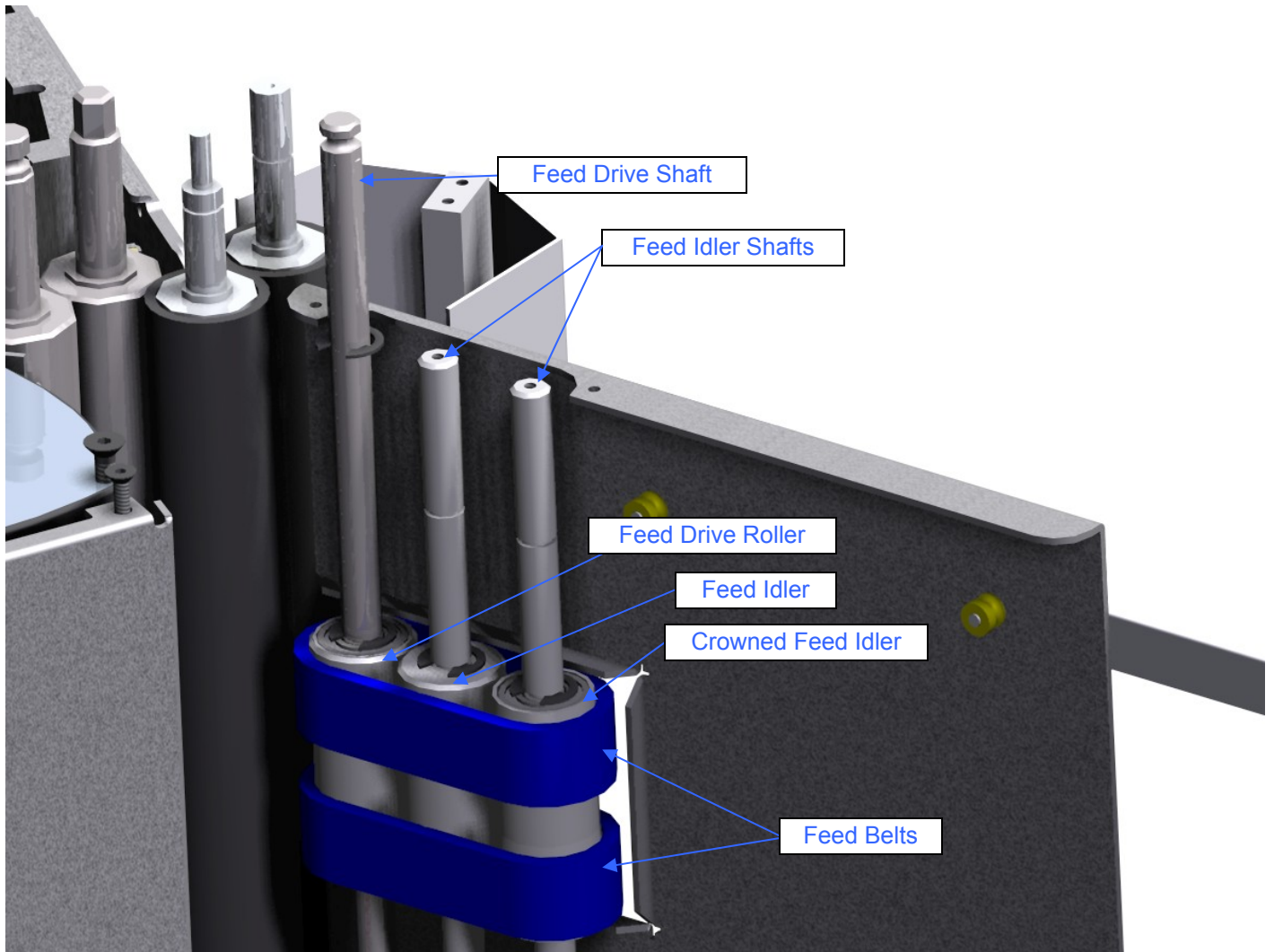


Figure 8: Feed Table Removed

Feed Gauge

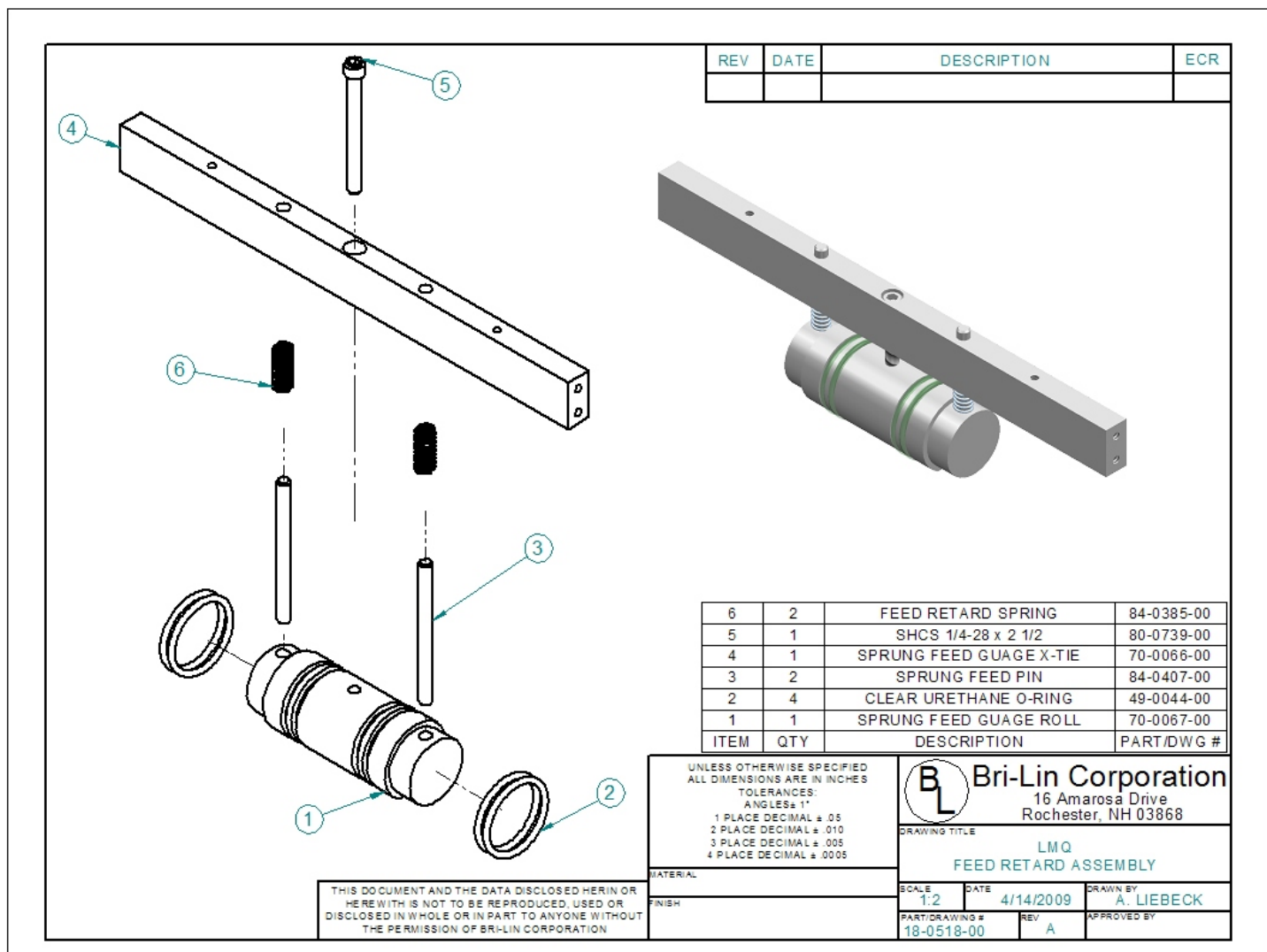


Figure 9: Feed Gauge Assembly

Removing the Feed Gauge System and replacing O-Rings

⚠ It is not necessary to remove either **Side Frame** to remove the **Feed Gauge System**.

1. Remove both **Side Covers** [Figure 2].
2. Remove the **Feed Gauge Cover** [Page 1]
3. Loosen by 2 turns the **Feed Table**, **Feed Idler**, **Conveyor**, and **Front & Rear Motor Guard Screws** on the **Motor Side Frame** [Figure 3].
4. Remove the **Feed Gauge Screws** from both sides [Figure 3].
5. Pull the **Feed Gauge Assembly** up and out of the machine.
6. Remove the **Feed Adjusting Screw** from the **Feed Gauge Assembly**.
7. Remove the **Feed gauge roll** from the assembly.
8. Remove the old **O-Rings**.
9. Place new **O-Rings** onto roll and ensure that the weld seams on the **O-Rings** will not make contact with the paper.

Electrical

⚠ Warning: Disconnect **Power Cord** from machine before servicing machine.

Replacing the Motor

1. Remove both **Side Covers** [Figure 2].
2. Disconnect the **Motor** from the **Drive**.
3. Remove the **Drive Mounting Screws** and move the **Drive** out of the way [Figure 4].
4. Remove the **Ground Screw**.
5. Remove the **rear motor guard**.
6. Remove the **Motor Gear** from the **Motor**.
7. Remove the **Motor Mounting Screws** from the machine.
8. Remove the **Motor**.
9. Insert the new **Motor** and feed the wires through the **Electrical Side Frame**.
10. Slip the **Motor Ground Wire** over the **Ground Screw** and re-attach it [Figure 4].
11. Mount the Drive using the Drive Mount Screws.
12. Connect the **Motor** to the **Drive**.
13. Replace the **Rear Motor Guard**.
14. Re-attach the **Side Covers** [Figure 2].

Replacing the Breaker

⚠ If the breaker will not reset, then it may need to be replaced.

1. Remove the **Electrical Side Cover**.
2. Disconnect the three leads from the rear of the **Breaker**.
3. Depress the two spring arms which hold the **Breaker** in the **IEC Bracket** and remove the **Breaker**.
4. Insert the new **Breaker**.
5. Attach the three leads to the rear of the new **Breaker**.
6. Re-attach the **Electrical Side Cover**.

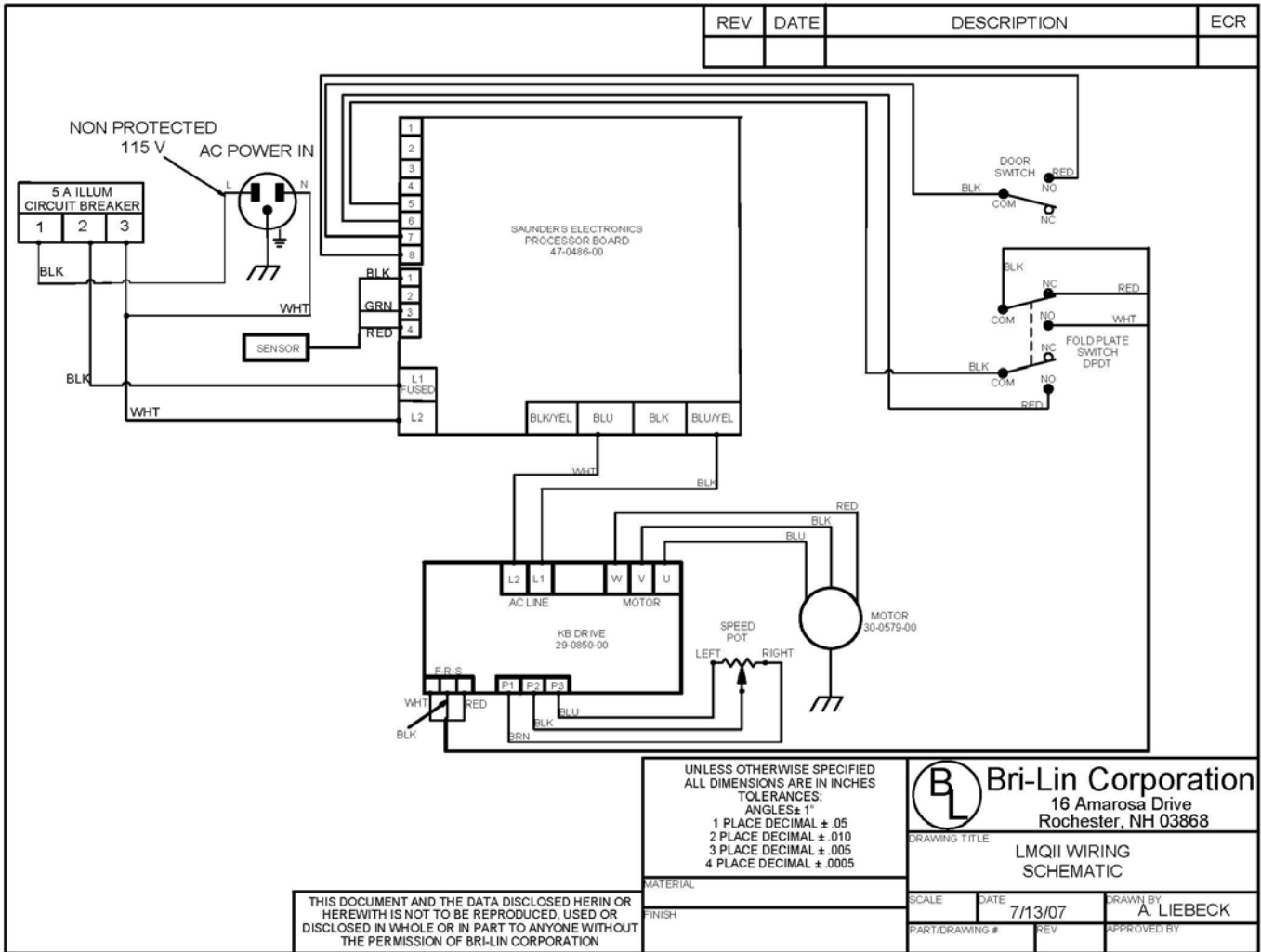


Figure 10: Wiring Schematic

Conveyor

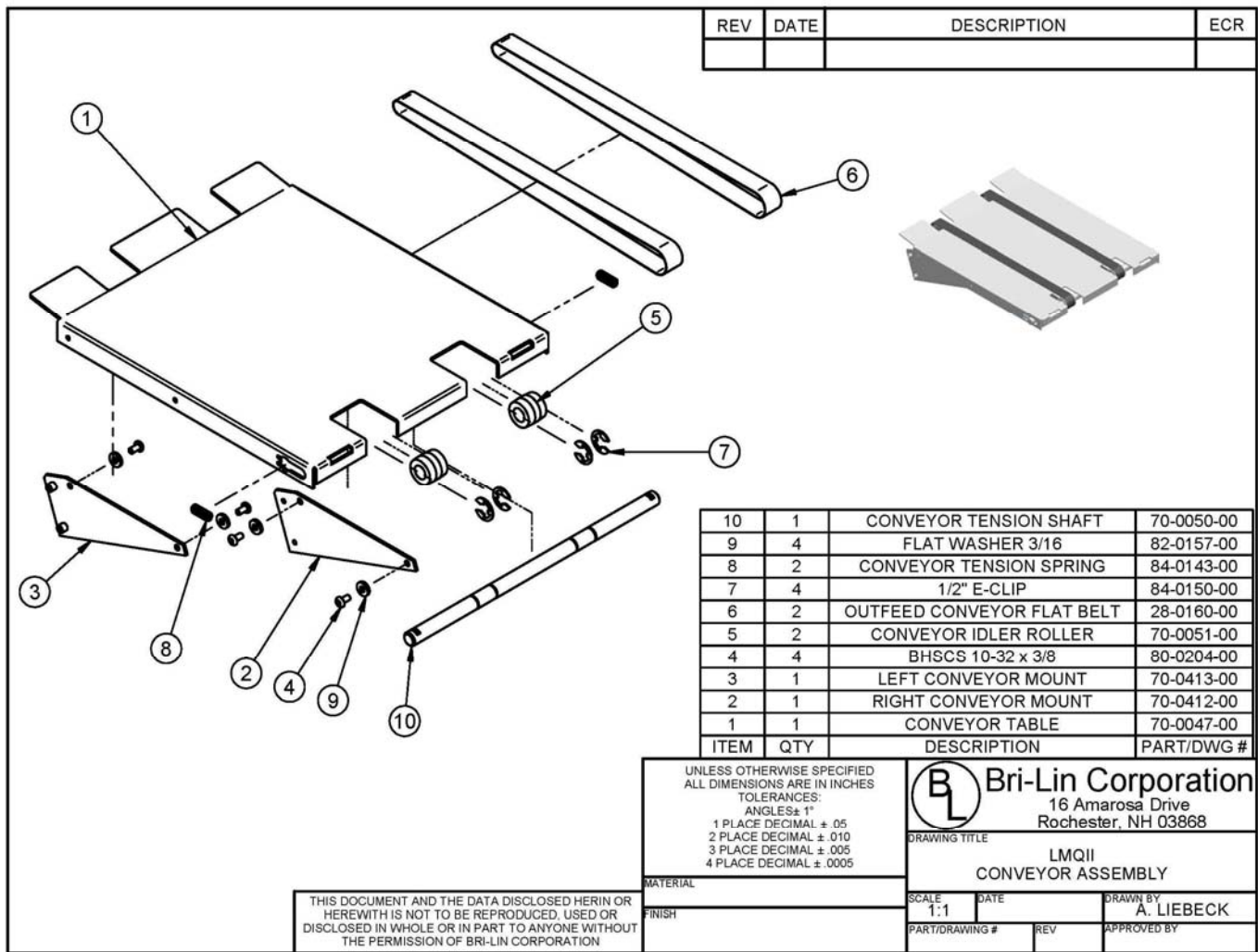


Figure 1: Conveyor Assembly

Servicing the Conveyor

⚠ Disconnect the power cord from the machine before continuing.

1. Remove both **Side Covers** from the machine [Figure 2].
2. Remove the **Conveyor Mount Screws** from both side frames [Figure 3].
3. Remove the **Motor Side Frame** [see procedure above].
4. Remove the **Conveyor Drive Shaft** [Figure 5].
5. Slide the **Conveyor Assembly** out of the machine.
6. Assemble in reverse order.

Exploded Views

| REV | DATE | DESCRIPTION | ECR |
|-----|------|-------------|-----|
| | | | |

| 6 | 1 | ALUM BLOCK/EXT CONV SPRING | 84-0608-00 |
|------|-----|----------------------------|-------------|
| 5 | 4 | 3016DCTN GENERAL BEARING | 25-0146-00 |
| 4 | 1 | FLOATING ROLL BLOCK, BB | 70-0777-00B |
| 3 | 4 | SHOULDER SCREW 1/4 x3/8 | 80-0155-00 |
| 2 | 2 | 1623DCTN NICE BEARING | 25-0900-00 |
| 1 | 1 | ELECTRICAL SIDE FRAME | 70-0439-00 |
| ITEM | QTY | DESCRIPTION | PART/DWG # |

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGLES ± 1°
1 PLACE DECIMAL ± .05
2 PLACE DECIMAL ± .010
3 PLACE DECIMAL ± .005
4 PLACE DECIMAL ± .0005

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Rochester, NH 03868

DRAWING TITLE
LMQII
ELECTRICAL SIDE FRAME ASSY

MATERIAL
FINISH

SCALE 1:4 DATE 9/3/2008 DRAWN BY A. LIEBECK
PART/DRAWING # REV A APPROVED BY

| REV | DATE | DESCRIPTION | ECR |
|-----|------|-------------|-----|
| | | | |

| 6 | 4 | SHOULDER SCREW 1/4 x3/8 | 80-0155-00 |
|------|-----|----------------------------|-------------|
| 5 | 4 | 3016DCTN GENERAL BEARING | 25-0146-00 |
| 4 | 2 | 1623DCTN NICE BEARING | 25-0900-00 |
| 3 | 1 | ALUM BLOCK/EXT CONV SPRING | 84-0608-00 |
| 2 | 1 | FLOATING ROLL BLOCK, BB | 70-0777-00B |
| 1 | 1 | LMQII MOTOR SIDE FRAME | 70-0438-00 |
| ITEM | QTY | DESCRIPTION | PART/DWG # |

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Rochester, NH 03868

DRAWING TITLE
LMQII
MOTOR SIDE FRAME ASSY

MATERIAL
FINISH

SCALE 1:4 DATE 8/29/2008 DRAWN BY A. LIEBECK
PART/DRAWING # REV A APPROVED BY

| REV | DATE | DESCRIPTION | ECR |
|-----|------|-------------|-----|
| | | | |

| ITEM | QTY | DESCRIPTION | PART/DWG # |
|------|-----|-------------------------------|------------|
| 13 | 1 | HINGE TEE ASSEMBLY, LMQII | 70-0448-00 |
| 12 | 1 | EE-SPY415 SENSOR | 41-0470-00 |
| 11 | 2 | SHOULDER SCREW 1/4 x 3/8 | 80-0155-00 |
| 10 | 1 | 10-32 x 1/4 SET SCREW | 80-0188-00 |
| 9 | 1 | RED THUMB SCREW #10-32 x 0.50 | 84-0065-00 |
| 8 | 1 | #4-40 x 1/2 BHSCS | 80-0206-00 |
| 6 | 4 | .250 E-CLIP | 84-0161-00 |
| 5 | 2 | NIP WHEEL CASTER | 70-0072-00 |
| 4 | 1 | NIP WHEEL SHAFT | 70-0070-00 |
| 3 | 1 | NIP WHEEL BLOCK | 70-0071-00 |
| 2 | 1 | SENSOR MOUNT BRACKET | 70-0447-00 |

| | | |
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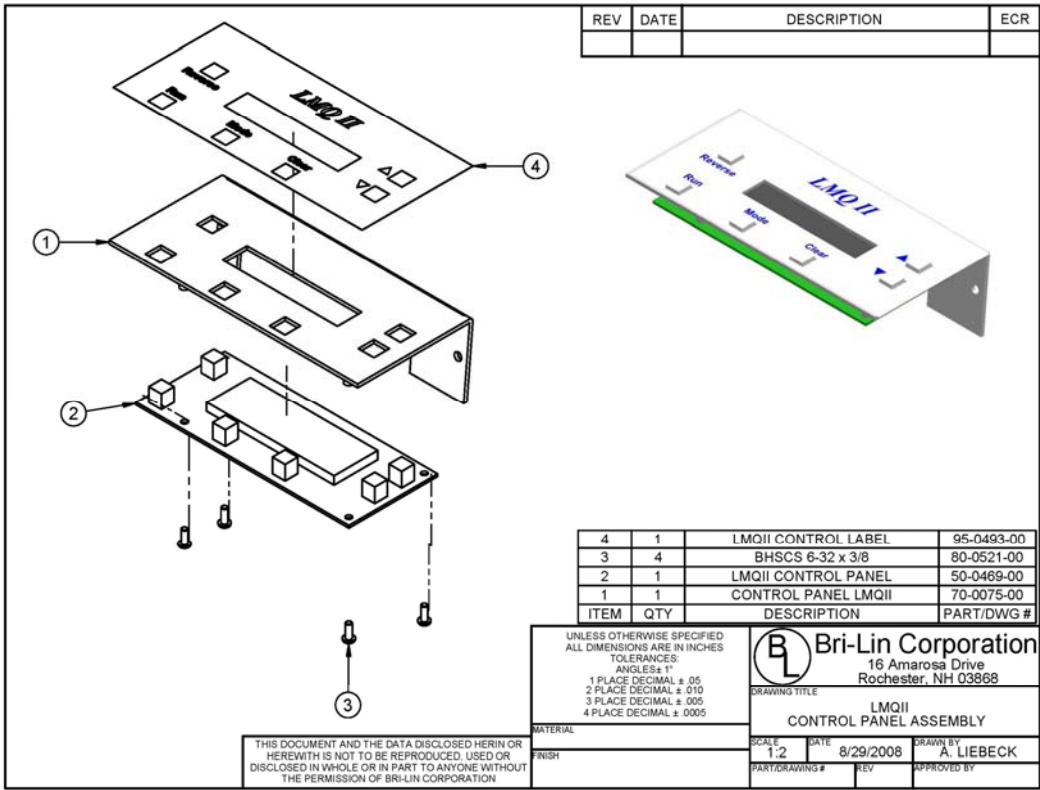
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| LMQII NIP WHEEL ASSY | | | |
| MATERIAL | SCALE 1:2 | DATE 8/27/2008 | DRAWN BY A. LIEBECK |
| FINISH | PART/DWG # 18-0933-00 | REV | APPROVED BY |

| REV | DATE | DESCRIPTION | ECR |
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| ITEM | QTY | DESCRIPTION | PART/DWG # |
|------|-----|---------------------|------------|
| 4 | 4 | 1/4-20 X 1.00 BHSCS | 80-0382-00 |
| 3 | 4 | HANK GLIDE FEET | 84-0317-00 |
| 2 | 4 | NUT, 1/4-20 | 81-0262-00 |
| 1 | 1 | BASEPLATE | 70-0408-00 |

| | | |
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| | | | |
|-----------------------|------------|----------------|---------------------|
| LMQII BASE PLATE ASSY | | | |
| MATERIAL | SCALE 1:3 | DATE 2/22/2007 | DRAWN BY A. LIEBECK |
| FINISH | PART/DWG # | REV | APPROVED BY |



| REV | DATE | DESCRIPTION | ECR |
|-----|------|-------------|-----|
| | | | |

| ITEM | QTY | DESCRIPTION | PART/DWG # |
|------|-----|---------------------|------------|
| 4 | 1 | LMQII CONTROL LABEL | 95-0493-00 |
| 3 | 4 | BHSCS 6-32 x 3/8 | 80-0521-00 |
| 2 | 1 | LMQII CONTROL PANEL | 50-0469-00 |
| 1 | 1 | CONTROL PANEL LMQII | 70-0075-00 |

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4 PLACE DECIMAL ± .0005

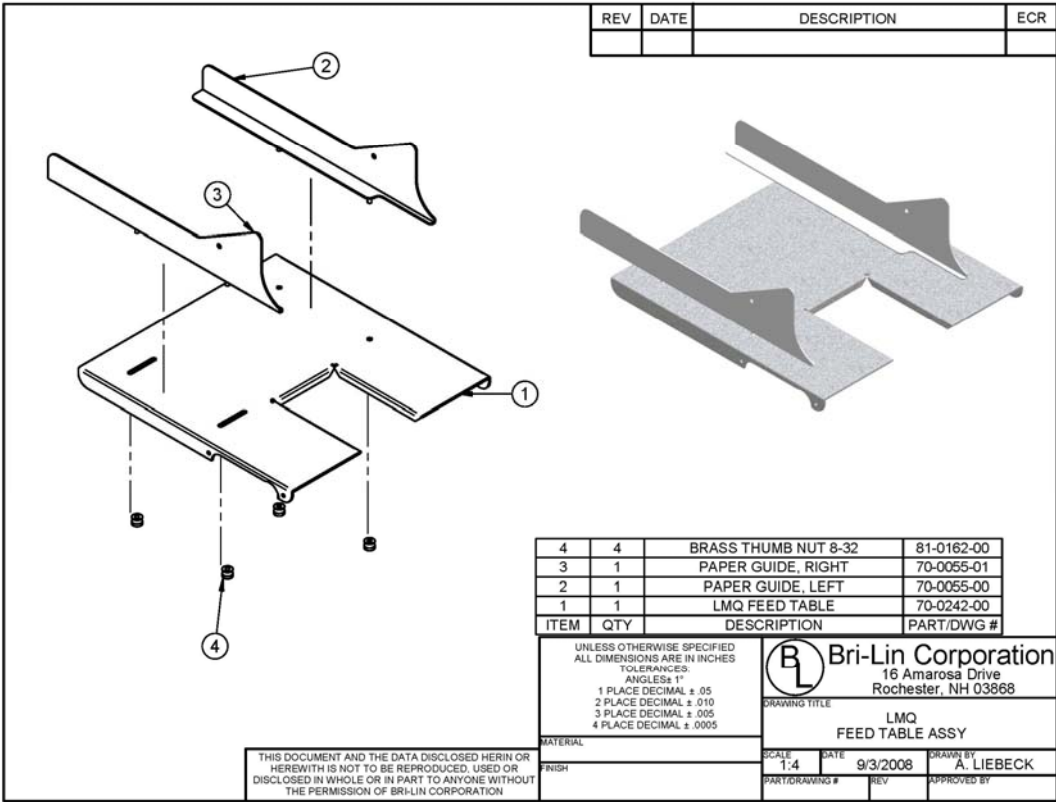
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MATERIAL: _____ SCALE: 1:2 DATE: 9/29/2008 DRAWN BY: A. LIEBECK

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| ITEM | QTY | DESCRIPTION | PART/DWG # |
|------|-----|----------------------|------------|
| 4 | 4 | BRASS THUMB NUT 8-32 | 81-0162-00 |
| 3 | 1 | PAPER GUIDE, RIGHT | 70-0055-01 |
| 2 | 1 | PAPER GUIDE, LEFT | 70-0055-00 |
| 1 | 1 | LMQ FEED TABLE | 70-0242-00 |

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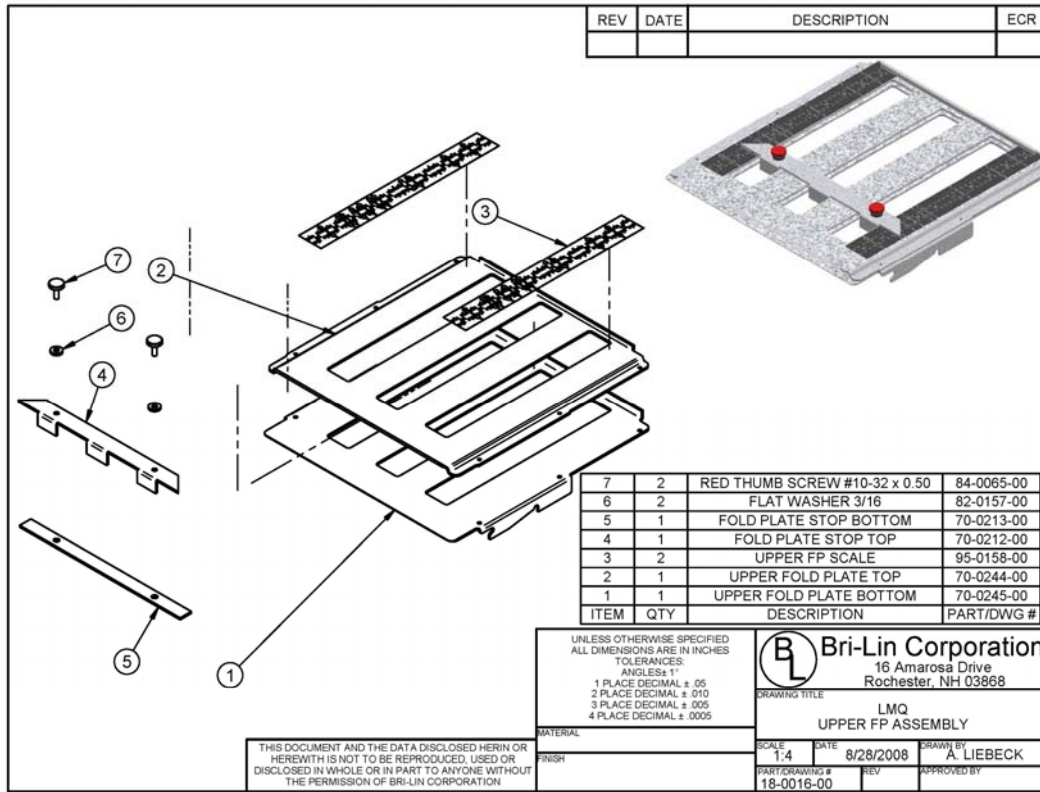
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| | | | |

| ITEM | QTY | DESCRIPTION | PART/DWG # |
|------|-----|-------------------------------|------------|
| 7 | 2 | RED THUMB SCREW #10-32 x 0.50 | 84-0065-00 |
| 6 | 2 | FLAT WASHER 3/16 | 82-0157-00 |
| 5 | 1 | FOLD PLATE STOP BOTTOM | 70-0213-00 |
| 4 | 1 | FOLD PLATE STOP TOP | 70-0212-00 |
| 3 | 2 | UPPER FP SCALE | 95-0158-00 |
| 2 | 1 | UPPER FOLD PLATE TOP | 70-0244-00 |
| 1 | 1 | UPPER FOLD PLATE BOTTOM | 70-0245-00 |

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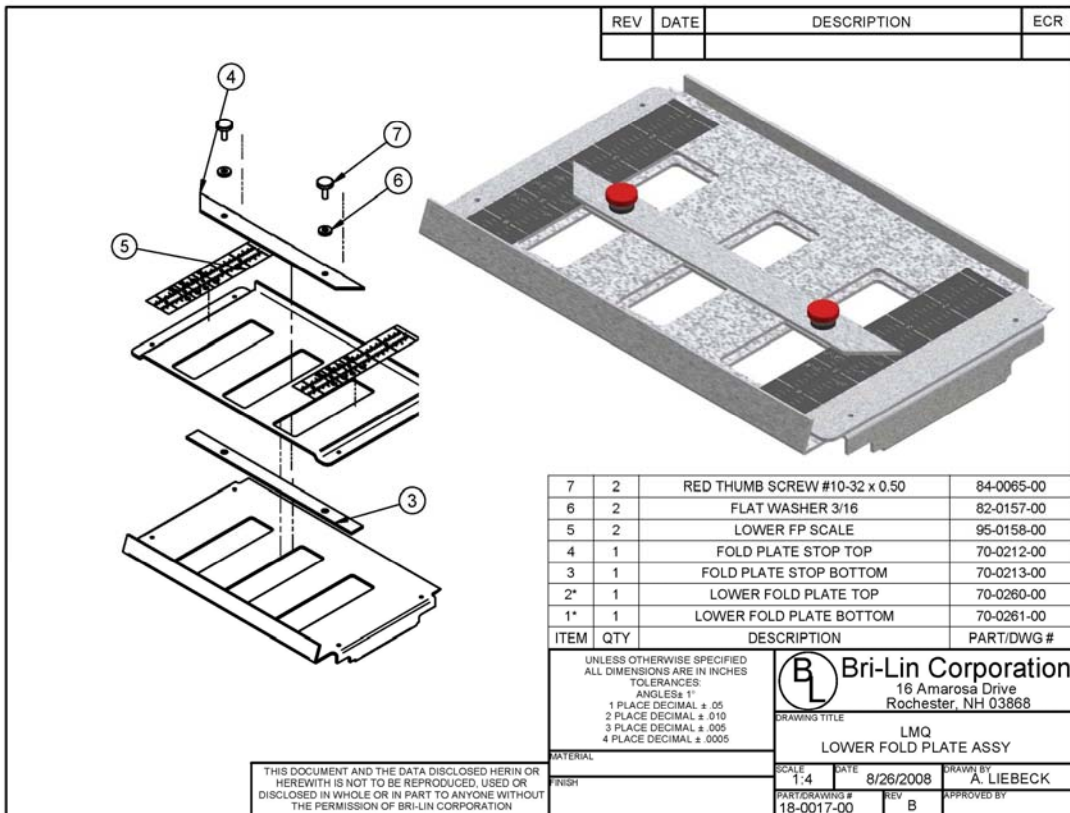
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DRAWING TITLE
**LMQ
UPPER FP ASSEMBLY**

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| ITEM | QTY | DESCRIPTION | PART/DWG # |
|------|-----|-------------------------------|------------|
| 7 | 2 | RED THUMB SCREW #10-32 x 0.50 | 84-0065-00 |
| 6 | 2 | FLAT WASHER 3/16 | 82-0157-00 |
| 5 | 2 | LOWER FP SCALE | 95-0158-00 |
| 4 | 1 | FOLD PLATE STOP TOP | 70-0212-00 |
| 3 | 1 | FOLD PLATE STOP BOTTOM | 70-0213-00 |
| 2* | 1 | LOWER FOLD PLATE TOP | 70-0260-00 |
| 1* | 1 | LOWER FOLD PLATE BOTTOM | 70-0261-00 |

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3 PLACE DECIMAL ± .005
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DRAWING TITLE
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LOWER FOLD PLATE ASSY**

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| | | | |

| 3 | 2 | BHSCS 6-32 x 3/4 | 80-0222-00 |
|------|-----|---------------------|-------------|
| 2* | 1 | DOOR SAFETY SWITCH | 39-0225-00 |
| 1 | 1 | DOOR SAFETY BRACKET | 70-0539-00A |
| ITEM | QTY | DESCRIPTION | PART/DWG # |

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2 PLACE DECIMAL ± .010
3 PLACE DECIMAL ± .005
4 PLACE DECIMAL ± .0005

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DRAWING TITLE
**ISM
DOOR SWITCH ASSEMBLY**

| | | | |
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| | PART/DRAWING # | REV | APPROVED BY |
| | 18-0917-00 | A | |

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|-----|------|-------------|-----|
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| 4 | 2 | #4-40 x 1/2 BHSCS | 80-0206-00 |
|------|-----|----------------------------|------------|
| 3 | 1 | CONNECTOR, IEC POWER INLET | 40-0108-00 |
| 2 | 1 | BREAKER, 5 A | 36-0553-00 |
| 1 | 1 | BRACKET IEC INLET & SWITCH | 70-0086-00 |
| ITEM | QTY | DESCRIPTION | PART/DWG # |

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ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGLES ± 1°
1 PLACE DECIMAL ± .05
2 PLACE DECIMAL ± .010
3 PLACE DECIMAL ± .005
4 PLACE DECIMAL ± .0005

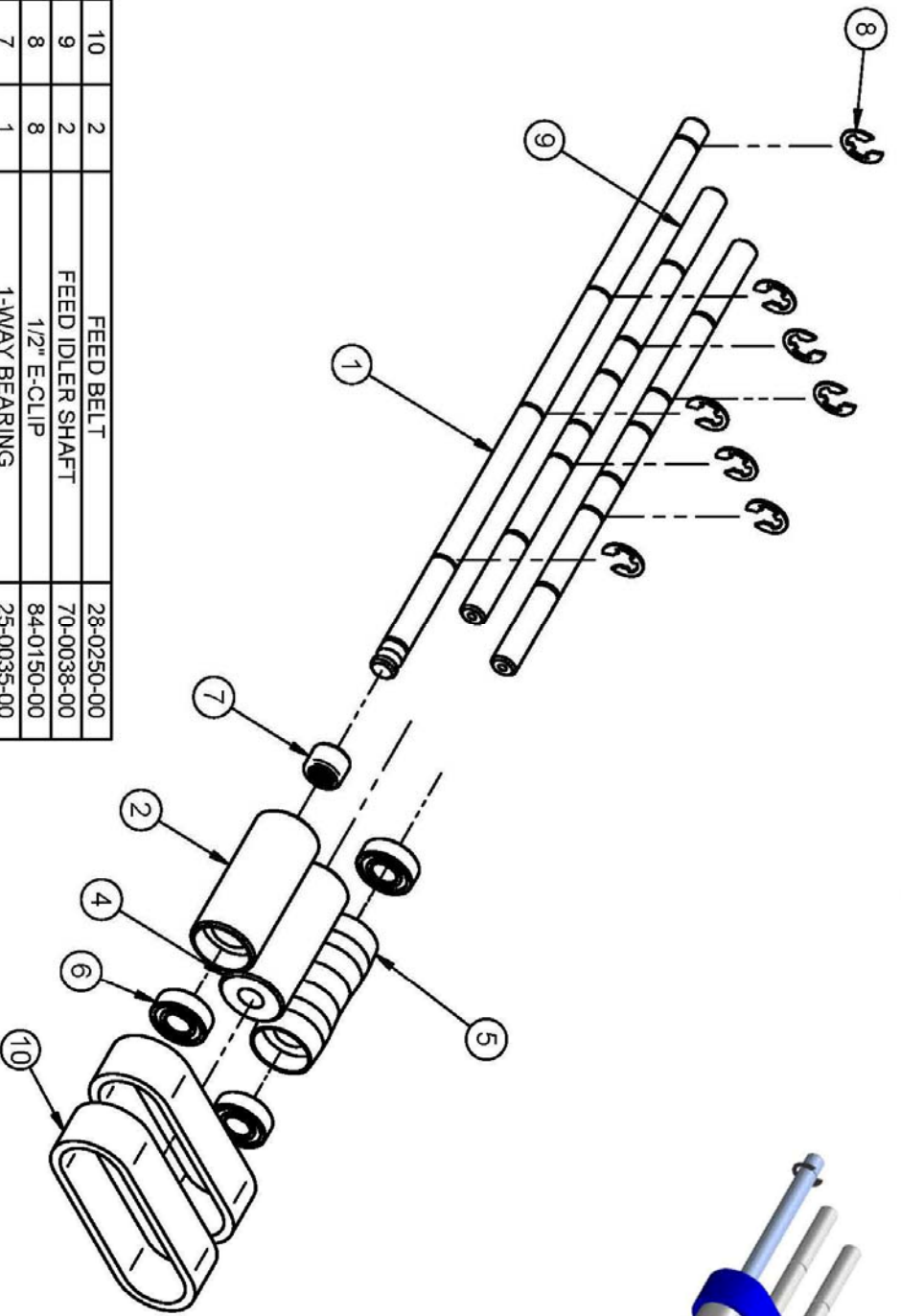
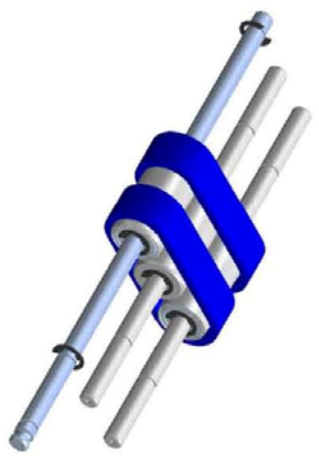
Bri-Lin Corporation
 16 Amarosa Drive
 Rochester, NH 03868

DRAWING TITLE
5A IEC BRACKET ASSY

| | | | |
|----------|----------------|----------|-------------|
| MATERIAL | SCALE | DATE | DRAWN BY |
| FINISH | 1:1 | 9/3/2008 | A. LIEBECK |
| | PART/DRAWING # | REV | APPROVED BY |
| | | | |

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| REV | DATE | DESCRIPTION | ECR |
|-----|------|-------------|-----|
| | | | |



| ITEM | QTY | DESCRIPTION | PART/DWG # |
|------|-----|--------------------------|------------|
| 10 | 2 | FEED BELT | 28-0250-00 |
| 9 | 2 | FEED IDLER SHAFT | 70-0038-00 |
| 8 | 8 | 1/2" E-CLIP | 84-0150-00 |
| 7 | 1 | 1-WAY BEARING | 25-0035-00 |
| 6 | 3 | 3016DCTN GENERAL BEARING | 25-0146-00 |
| 5 | 1 | CROWNED FEED ROLLER | 70-0241-00 |
| 4 | 1 | LMQ FEED IDLER ROLLER | 70-0240-00 |
| 2 | 1 | FEED DRIVE ROLL | 70-0239-00 |
| 1 | 1 | FEED DRIVE SHAFT | 70-0237-00 |

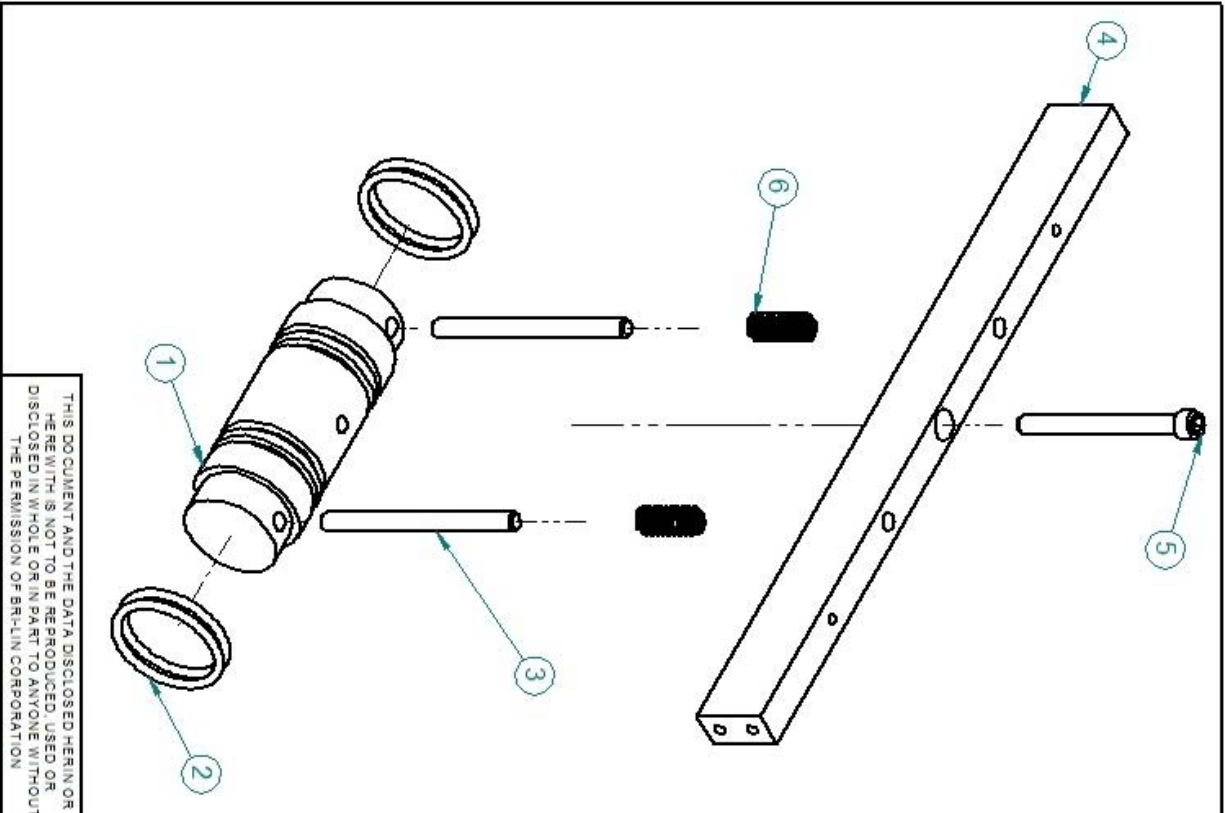
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3 PLACE DECIMAL ± .005
4 PLACE DECIMAL ± .0005

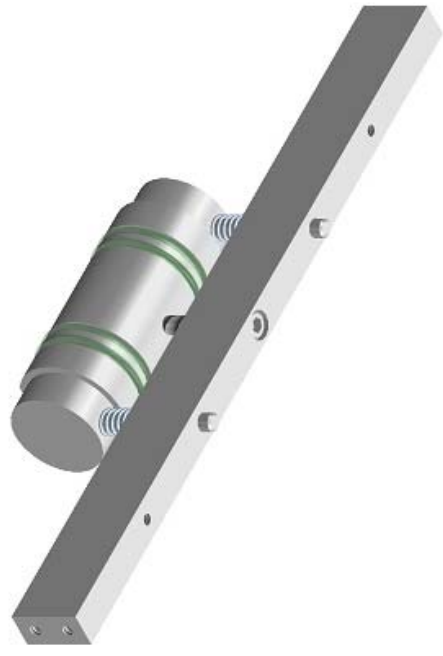
Bri-Lin Corporation
16 Amaroza Drive
Rochester, NH 03868

DRAWING TITLE: LMQII FEED ASSY

SCALE: 1:3
DATE: 4/14/2009
DRAWN BY: A. LIEBECK
PART/DRAWING #: 18-0912-00
REV:
APPROVED BY:
MATERIAL FINISH:
MATERIAL FINISH:



| REV | DATE | DESCRIPTION | ECR |
|-----|------|-------------|-----|
| | | | |



| ITEM | QTY | DESCRIPTION | PART/DWG # |
|------|-----|-------------------------|------------|
| 6 | 2 | FEED RETARD SPRING | 84-0385-00 |
| 5 | 1 | SHCS 1/4-28 x 2 1/2 | 80-0739-00 |
| 4 | 1 | SPRUNG FEED GAUGE X-TIE | 70-0066-00 |
| 3 | 2 | SPRUNG FEED PIN | 84-0407-00 |
| 2 | 4 | CLEAR URETHANE O-RING | 49-0044-00 |
| 1 | 1 | SPRUNG FEED GAUGE ROLL | 70-0067-00 |

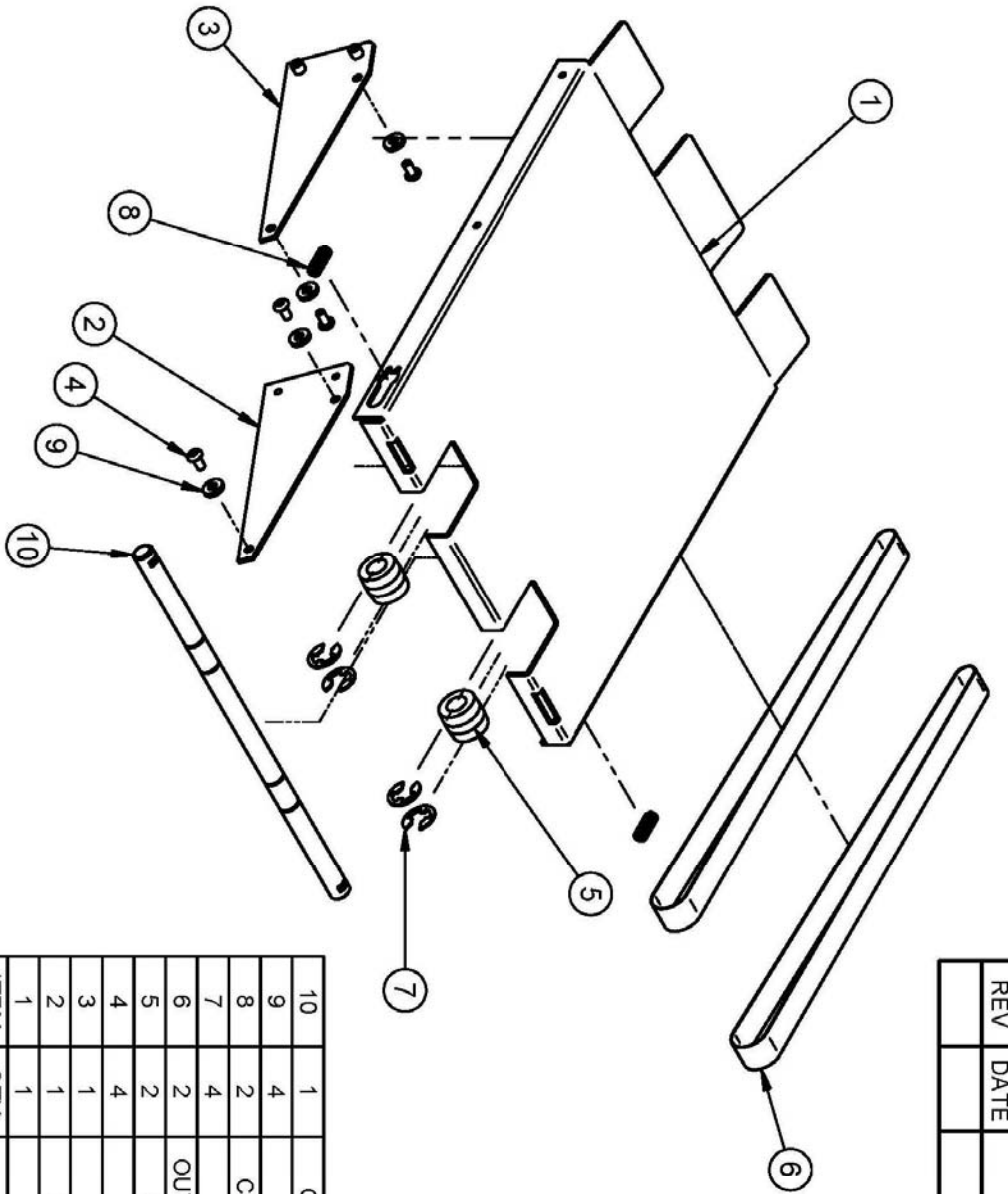
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4 PLACE DECIMAL ± .0005

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|---|--|--------------|--|-------------------|--|------------------------|--|
| DRAWING TITLE LMQ FEED RETARD ASSEMBLY | | SCALE 1:2 | | DATE 4/14/2009 | | DRAWN BY A. LIEBECK | |
| PART/DRAWING # 18-0518-00 | | REV A | | APPROVED BY | | PART/DWG # | |

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16 Amarosa Drive
Rochester, NH 03868


| REV | DATE | DESCRIPTION | ECR |
|-----|------|-------------|-----|
| | | | |

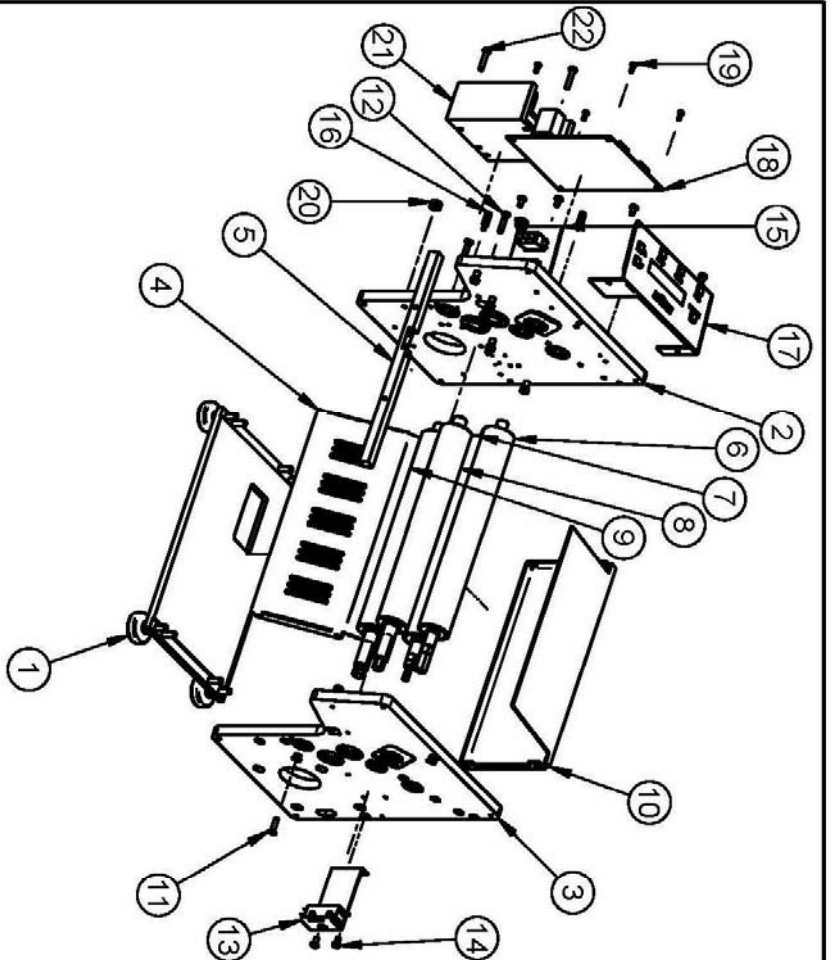


| ITEM | QTY | DESCRIPTION | PART/DWG # |
|------|-----|----------------------------|------------|
| 10 | 1 | CONVEYOR TENSION SHAFT | 70-0050-00 |
| 9 | 4 | FLAT WASHER 3/16 | 82-0157-00 |
| 8 | 2 | CONVEYOR TENSION SPRING | 84-0143-00 |
| 7 | 4 | 1/2" E-CLIP | 84-0150-00 |
| 6 | 2 | OUTFEED CONVEYOR FLAT BELT | 28-0160-00 |
| 5 | 2 | CONVEYOR IDLER ROLLER | 70-0051-00 |
| 4 | 4 | BHSCS 10-32 x 3/8 | 80-0204-00 |
| 3 | 1 | LEFT CONVEYOR MOUNT | 70-0413-00 |
| 2 | 1 | RIGHT CONVEYOR MOUNT | 70-0412-00 |
| 1 | 1 | CONVEYOR TABLE | 70-0047-00 |

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| MATERIAL | | SCALE | |
| FINISH | | 1:1 | DATE |
| PART/DRAWING # | | REV | APPROVED BY |
| DRAWING TITLE | | DRAWN BY | |
| LM011 | | A. LIEBECK | |
| CONVEYOR ASSEMBLY | | APPROVED BY | |
|  Bri-Lin Corporation 16 Amaroza Drive Rochester, NH 03868 | | | |




| REV | DATE | DESCRIPTION | ECR |
|-----|------|-------------|-----|
| | | | |

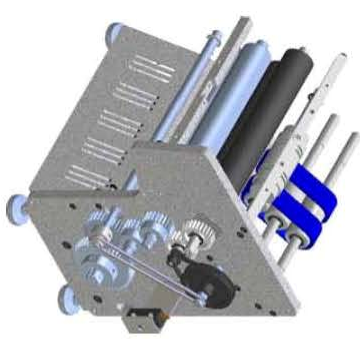
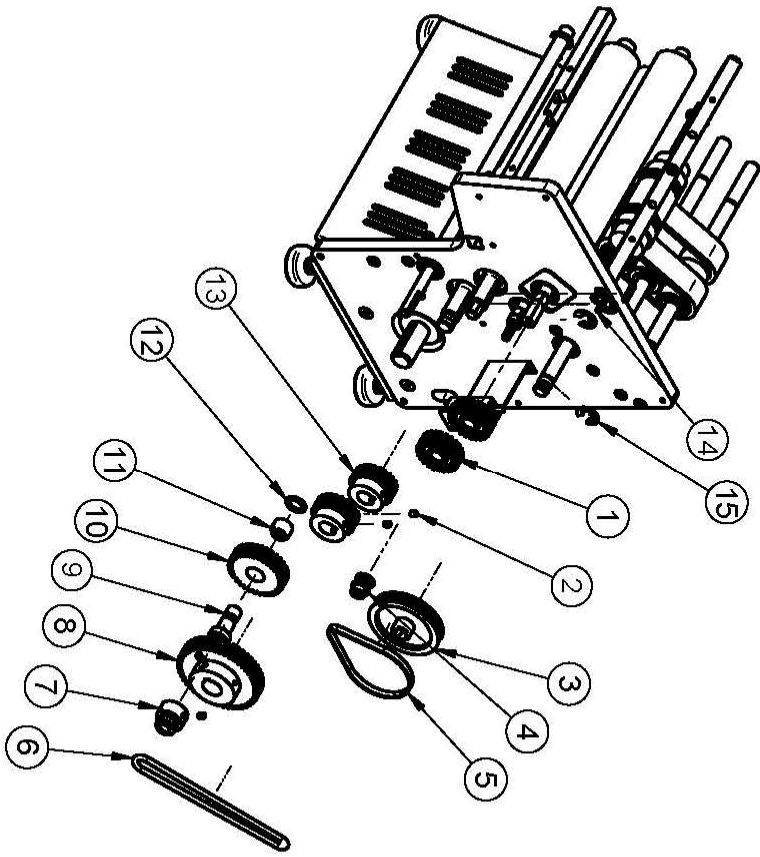
| ITEM | QTY | DESCRIPTION | PART/DWG # |
|------|-----|------------------------------|------------|
| 22 | 2 | BHSCS 10-32 x 1.00 | 80-0214-00 |
| 21 | 1 | PACESETTER AC-3PH DRIVE | 29-0580-00 |
| 20 | 6 | FLAT WASHER 3/16 | 82-0157-00 |
| 19 | 4 | BHSCS 6-32 x 3/8 | 80-0521-00 |
| 18 | 1 | LMQII CONTROL BOARD | 47-0468-00 |
| 17 | 1 | CONTROL PANEL ASSEMBLY | 18-0929-00 |
| 16 | 3 | 5/8 THREADED STANDOFF | 80-0465-00 |
| 15 | 1 | 5A IEC BRACKET ASSY | 18-0930-00 |
| 14 | 6 | BHSCS 10-32 x 3/8 | 80-0204-00 |
| 13 | 1 | DOOR SWITCH ASSEMBLY | 18-0917-00 |
| 12 | 1 | FHSCS 10-32 x 1 | 80-0214-00 |
| 11 | 2 | FHCS 10-32 x 3/4 | 80-0152-00 |
| 10 | 1 | REAR MOTOR COVER | 70-0247-00 |
| 9 | 1 | ROLL #2 CONVEYOR DRIVE | 70-0233-00 |
| 8 | 1 | HEX END ROLL | 70-0234-00 |
| 7 | 1 | LMQII URETHANE FEED ROLLER | 70-0485-00 |
| 6 | 1 | LMQ URETHANE FLOATING ROLL | 70-0232-00 |
| 5 | 1 | SENSOR MOUNT X-TIE ELONGATED | 70-0781-00 |
| 4 | 1 | FRONT MOTOR COVER | 70-0246-00 |
| 3 | 1 | MOTOR SIDE FRAME ASSY | 18-0915-00 |
| 2 | 1 | EL SIDE FRAME ASSY | 18-0914-00 |
| 1 | 1 | BASE PLATE ASSY | 18-0913-00 |

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| MATERIAL | | SCALE: 1:1 | | DATE: 8/29/2008 | | DRAWN BY: A LIEBECK | |
| FINISH: | | PART/DRAWING #: | | REV: A | | APPROVED BY: | |
|  Bri-Lin Corporation 16 Amarosa Drive Rochester, NH 03868 | | DRAWING TITLE: MAIN CHASSIS ASSEMBLY | | | | | |

| REV | DATE | DESCRIPTION | ECR |
|-----|------|-------------|-----|
| | | | |



| 15 | 3 | 1/2" E-CLIP | 84-0150-00 |
|------|-----|------------------------------|------------|
| 14 | 2 | 1/8 KEY | 84-0042-00 |
| 13 | 2 | ISM / LMQ / LMQII ROLL GEAR | 26-0248-00 |
| 12 | 1 | NYLON WASHER | 82-0776-00 |
| 11 | 1 | B88 NEEDLE BEARING | 25-0449-00 |
| 10 | 1 | ISM / LMQ / LMQII IDLER GEAR | 26-0026-00 |
| 9 | 1 | SHOULDER SCREW 1/2 X 5/8 | 80-0168-00 |
| 8 | 1 | LMQ / LMQII MOTOR GEAR | 26-0040-00 |
| 7 | 1 | CONVEYOR DRIVE PULLEY | 70-0415-00 |
| 6 | 1 | CONVEYOR / FEED DRIVE O-RING | 28-0863-00 |
| 5 | 1 | LMQII FEED DRIVE BELT | 28-0665-00 |
| 4 | 1 | LMQ FEED DRIVE PULLEY | 27-0516-00 |
| 3 | 1 | LMQ FEED PULLEY | 27-0515-00 |
| 2 | 6 | 10-32 X 1/4 SET SCREW | 80-0188-00 |
| 1 | 2 | FLOATING ROLL GEAR | 26-0818-00 |
| ITEM | QTY | DESCRIPTION | PART/DWG # |

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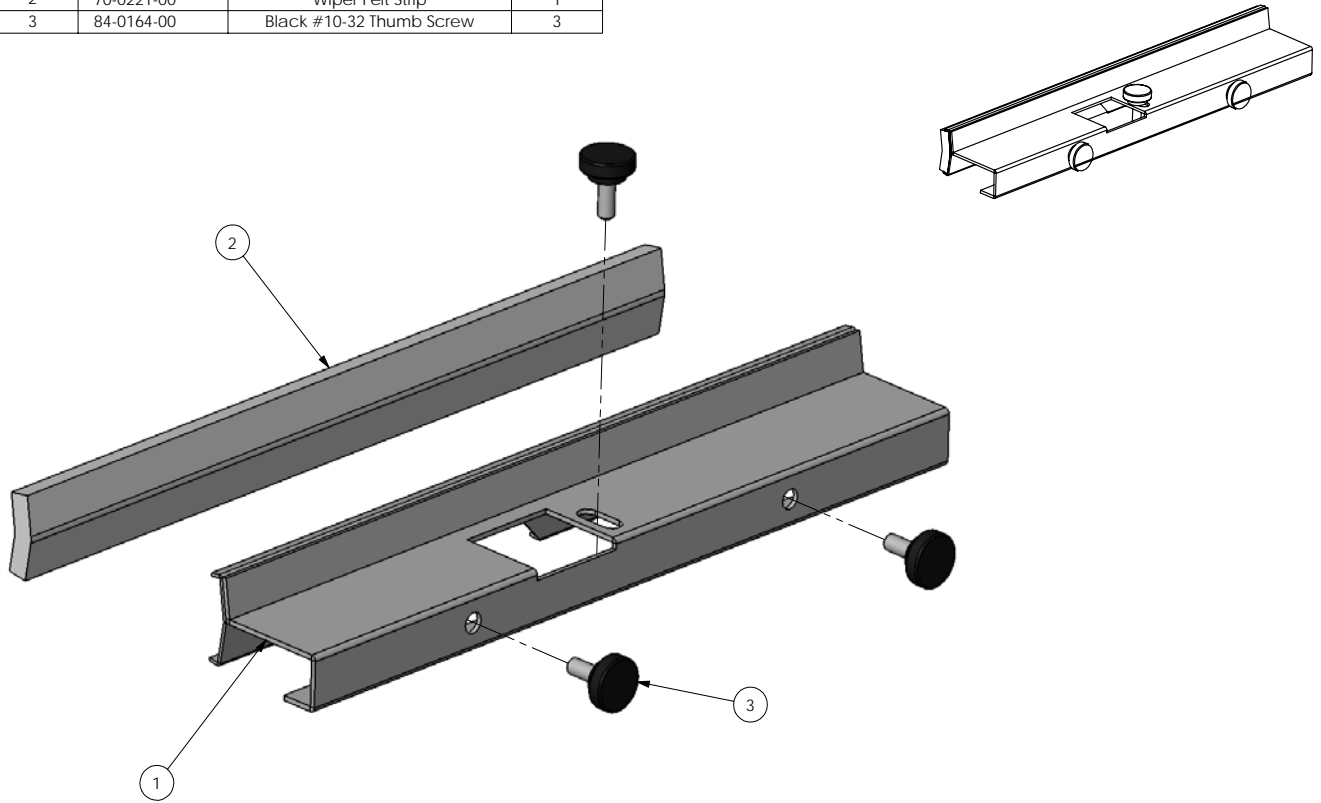
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|----------|--|----------------|--|------|--|-------------|--|
| MATERIAL | | SCALE | | DATE | | DRAWN BY | |
| FINISH | | PART/DRAWING # | | REV | | APPROVED BY | |
| | | | | | | | |
| | | | | | | | |

Br-Lin Corporation
16 Amarosa Drive
Rochester, NH 03868

DRAWING TITLE
LMQII GEAR TRAIN
EXPLODE

| ITEM | PartNo | DESCRIPTION | QTY. |
|------|------------|--------------------------|------|
| 1 | 70-0220-00 | Felt Holder | 1 |
| 2 | 70-0221-00 | Wiper Felt Strip | 1 |
| 3 | 84-0164-00 | Black #10-32 Thumb Screw | 3 |



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TOLERANCES:
 ANGLES $\pm 1^\circ$
 1 PLACE DECIMALS $\pm .05$
 2 PLACE DECIMALS $\pm .010$
 3 PLACE DECIMALS $\pm .005$
 4 PLACE DECIMALS $\pm .0005$

BL Bri-Lin Corporation
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DRAWING TITLE
WIPER ASSEMBLY

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| | | | |
|----------|------------|----------|--------------|
| MATERIAL | PART # | REVISION | DRAWN BY |
| FINISH | 18-0219-00 | A | AAS |
| | DRAWING # | SCALE | DRAWING DATE |
| | MD-0219-00 | 1:1.5 | 1/11/2005 |



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