

# MEYER

## FORMULA IIII



PB-MIXER-MLP-19



# FORMULA MIXER

Models F585 • F700 • F815 • F1015 • F1215

Starting 2019 Model Year

## Parts Book



# IMPORTANT INFORMATION

The serial number plate is located on the left hand side of the mixing tub.  
Please enter the model, serial number and additional information in the space provided for future reference.



Model No. \_\_\_\_\_

Mixer Serial No. \_\_\_\_\_

Trailer Serial No. \_\_\_\_\_

Date of Purchase \_\_\_\_\_

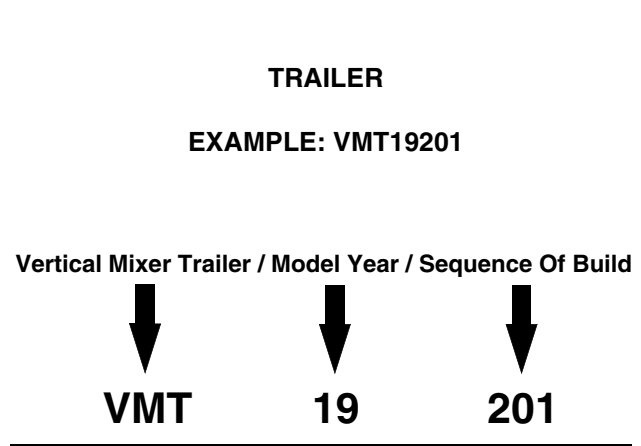
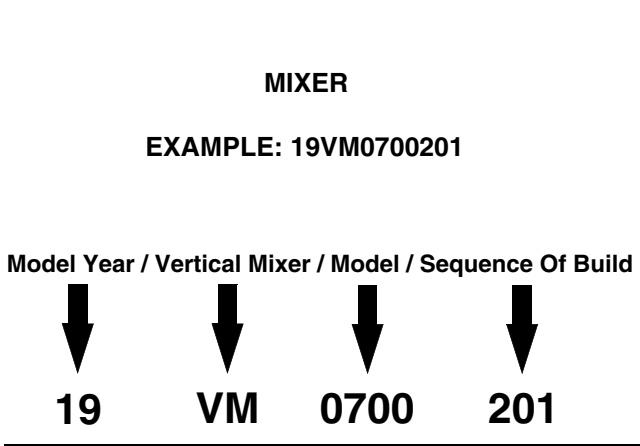
Dealership \_\_\_\_\_

Dealership Phone No. \_\_\_\_\_



Always use your serial number when requesting information or when ordering parts.

## HOW TO READ YOUR SERIAL NUMBER



Meyer Manufacturing Corporation  
674 W. Business Cty Rd A  
Dorchester, WI 54425  
Phone: 1-800-325-9103  
Fax: 715-654-5513  
Email: sales@meyermfg.com  
Website: www.meyermfg.com



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# MANUFACTURER'S WARRANTY

10/2016

## MEYER FORMULA MIXER

- I. The "Owners Registration Form" must be completed in full and promptly returned to Meyer Mfg. Corp. for this warranty to become both valid and effective. All warranties on New Meyer Mixers shall apply only to the original retail customer from an authorized Meyer Mfg. Corp. dealership.
- II. This warranty shall not apply to any Meyer Mixer which has been subjected to misuse, negligence, alteration, accident, incorrect operating procedures, has been used for an application not designed for or pre-authorized by Meyer in writing, has had the serial numbers altered, or which shall have been repaired with parts other than those obtained through Meyer Mfg. Corp. Meyer is not responsible for the following: Depreciation or damage caused by normal wear, lack of reasonable and proper maintenance, failure to follow the operator's manual recommendations or normal maintenance parts and service. Meyer is not responsible for rental of replacement equipment during warranty repairs, damage to a power unit (including but not limited to a truck or tractor), loss of earnings due to equipment down time, or damage to equipment while in transit to or from the factory or dealer.
- III. Meyer Mfg. Corp. warrants New Meyer Mixer to be free from defects in material and workmanship under recommended use and maintenance service, as stated in the Operator's and Parts Manual, as follows:
  - A. Meyer Mfg. Corp. will repair or replace F.O.B. Dorchester, WI, as Meyer Mfg. Corp. elects, any part of a new Meyer Mixer which is defective in material or workmanship:
    - i. Without charge for either parts or labor during the first (1) year from purchase date to the original retail customer.
  - B. In addition to the above basic warranty, Meyer Mfg. Corp. will repair or replace F.O.B. Dorchester, WI as Meyer Mfg. Corp. elects:
    - i. Any part of the following which is defective in material or workmanship (not neglect to recommended use and service) with a "pro-rated" charge for parts only (not labor) during the stated time period from date of purchase to the original retail customer. 1st year 100%, 2nd year 100%, 3rd year 50%, 4th year 25%, 5th year 10%
      - a. The Formula Mixer Planetary Gearbox. Meyer Part #'s 119-18-13.92-1, 119-21-25.57-1, 119-32-24.8-1.
- IV. COMMERCIAL USE: Coverage as in paragraph III.A.i. only, except warranty coverage is for (90) days for parts and labor to the original commercial retail customer.
- V. Repairs eligible for labor warranty must be made by Meyer Mfg. Corp. or an authorized Meyer dealership. The original retail customer is responsible for any service call and/or transportation of the mixer to the dealership or the factory for warranty service.
- VI. Except as stated above, Meyer Mfg. Corp. shall not be liable for injuries or damages of any kind or nature, direct, consequential, or contingent, to persons or property. This warranty does not extend to loss of crop or for any other reasons.
- VII. No person is authorized to give any other warranties or to assume any other obligation on Meyer Mfg. Corp.'s behalf unless made or assumed in writing by Meyer Mfg. Corp. This warranty is the sole and exclusive warranty which is applicable in connection with the manufacture and sale of this product and Meyer Mfg. Corp.'s responsibility is limited accordingly.

### Purchased Product Warranty:

This warranty does not apply to component parts not manufactured by Meyer such as but not limited to wheels, tires, tubes, PTO shafts, clutches, hydraulic cylinders, scales, tarps, etc.





# FORMULA MIXER PARTS

## REPLACEMENT PARTS



Before servicing this equipment, ensure that all personnel, including family members are familiar with the equipment and the safety hazards that are present, along with the safety practices that should be observed while working on this equipment.



Inspect the chassis' axles, o-beams, spindles, tires, hitches & all safety shielding, safety signs and safety lighting regularly. These parts, if not watched closely, may pose potential injury or death. If any part is found in need of repair, follow the SHUTOFF & LOCKOUT POWER recommendations and have qualified personnel repair immediately.

Any individual that will be adjusting, servicing, maintaining, or clearing an obstruction from this machine needs to ensure that this machine stays safely "OFF" until the adjustment, service, or maintenance has been completed, or when the obstruction has been cleared, and that all guards, shields, and covers have been restored to their original position. The safety of all individuals working on or around this machine, including family members, is affected. The following procedure will be referred to throughout this manual, so be familiar with the following steps.

### SHUTOFF & LOCKOUT POWER RECOMENDATIONS

#### 1. Think, Plan and Check

- a. **Think** through the entire procedure and identify all the steps that are required.
- b. **Plan** what personnel will be involved, what needs to be shut down, what guards / shields need to be removed, and how the equipment will be restarted.
- c. **Check** the machine over to verify all power sources and stored energy have been identified including engines, hydraulic and pneumatic systems, springs and accumulators, and suspended loads.

2. **Communicate** - Inform everyone involved, including those working on or around this machine, that work is being done which involves keeping this machine safely "OFF".

#### 3. Power Sources

- a. **LOCKOUT** - Shut off engines and take the key, or physically lock the start/on switch or control. Disconnect any power sources which are meant to be disconnected (i.e. electrical, hydraulic, and PTO of pull-type units).
- b. **TAGOUT** - Place a tag on the machine noting the reason for the power source being tagged out and what work is being done. This is particularly important if the power source is not within your sight and/or will need to be isolated for a longer period of time.

4. **Stored Energy** - Neutralize all stored energy from its power source. Ensure that this machine is level, set the parking brake, and chock the wheels. Disconnect electricity, block moveable parts, release or block spring energy, release pressure from hydraulic and pneumatic lines, and lower suspended parts to a resting position.

5. **Test** - Do a complete test and personally double check all of the above steps to verify that all of the power sources are actually disconnected and locked out.

6. **Restore Power** - When the work has been completed, follow the same basic procedures, ensuring that all individuals working on or around this machine are safely clear of the machine before locks and tags are removed and power is restored.

## IMPORTANT

It is important that everyone who works on this equipment is properly trained to help ensure that they are familiar with this procedure and that they follow the steps outlined above. This instruction sheet will remind you when to **Shutoff & Lockout Power**.

At times, parts on this implement will become worn or damaged. Performing repairs on this implement can pose a risk of injury including death. To reduce risk, the party that will be doing the repair should be very knowledgeable of the implement and the equipment that they will be using to do the repair.

- Review the repair so that a plan can be put together and the proper equipment can be used to repair this implement safely and correctly.
- Personal safety equipment may include items such as safety glasses, protective footwear, hearing protection, gloves, fire retardant clothes, etc.



## WARNING

### Crushing Hazard

**Do Not work under suspended or blocked parts.**



- The use of hoists and/or supports may be needed to handle heavy components.
- If the implement is being repaired in the field, make sure the parking brake of the tractor is engaged, and the implement is on solid and level ground.
- Welding and torching should be done by properly trained individuals who have proven their skills.

Throughout this manual, when directed to shutoff and lockout power, be familiar with the previously described procedures for the type of machine you are operating.

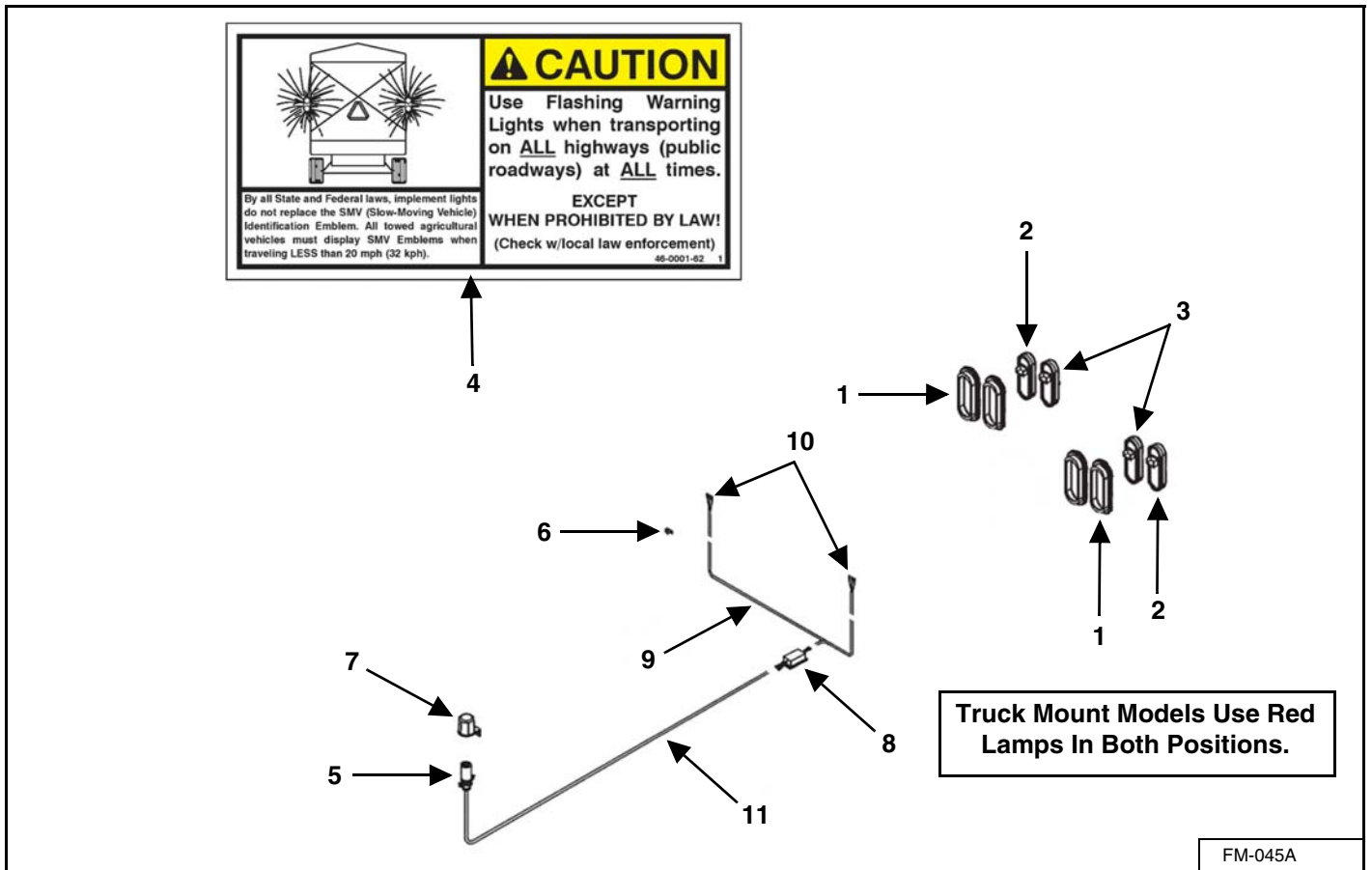
## IMPORTANT

**Call the factory for any additional details you may need to perform the repair. Some parts may come with instruction sheets to assist in the repair. Instruction sheets may be provided with your parts order. Otherwise, if available, instruction sheets can be e-mailed or faxed for your convenience. Call Meyer Manufacturing Corporation toll free at 1-800-325-9103 or email [sales@meyermfg.com](mailto:sales@meyermfg.com).**

**NOTE: Be environmentally friendly and dispose of any waste materials properly. Recycle when appropriate.**

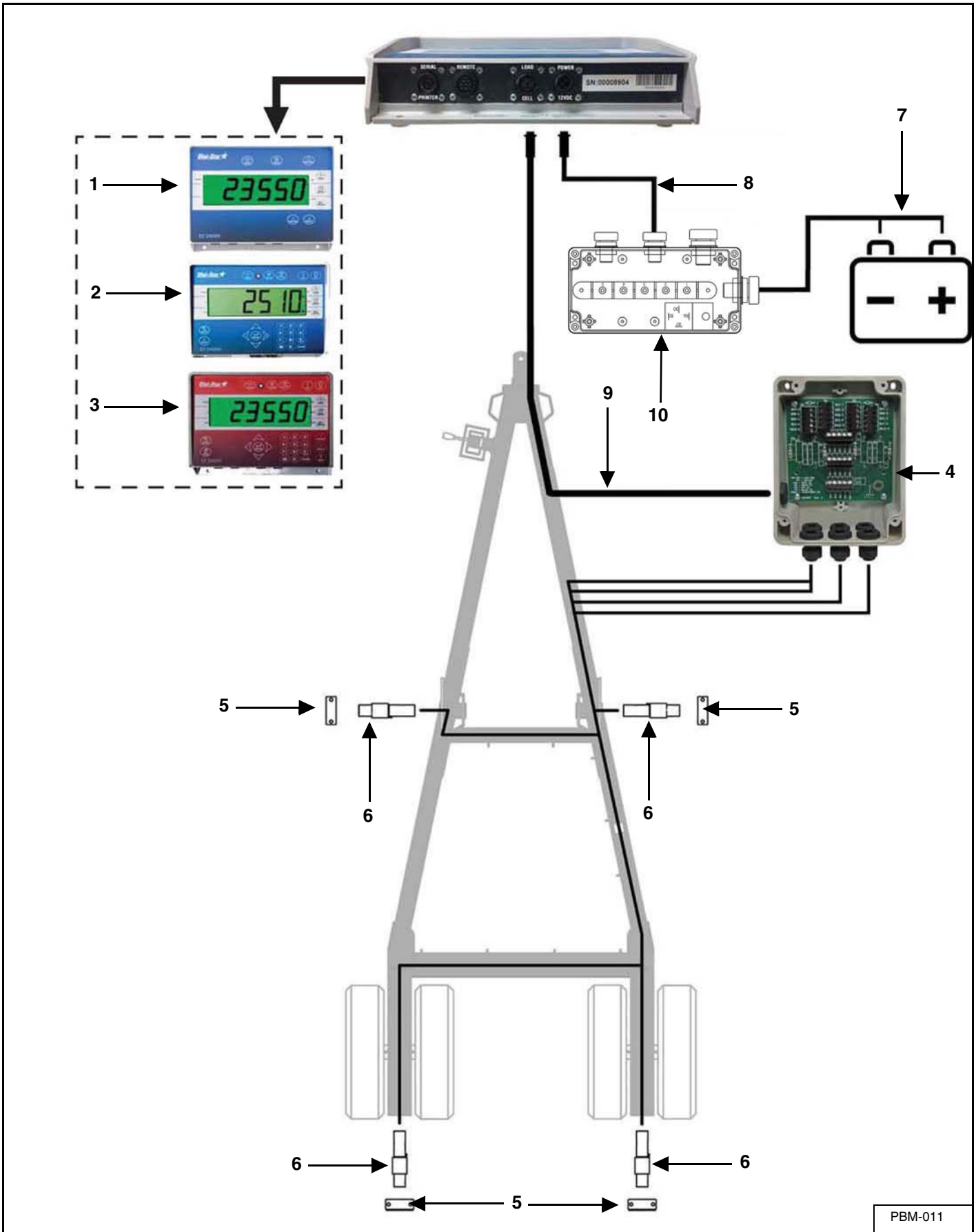
# ELECTRICAL

## LIGHTS



| KEY | PART NUMBER | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|-------------|-----|--|---------------|
| 1   | 56-0082     | 4   | 6" Oval Grommet  | 585 - 1215    |
| 2   | 56-0081     | 2/0 | 6" Oval Amber LED Light                                      | 585 - 1215    |
| 3   | 56-0115     | 2/4 | 6" Oval Red LED Light  | 585 - 1215    |
| 4   | 46-0001-62  | 1   | Caution Tail Light Decal                                     | 585 - 1215    |
| 5   | 56-0005-2   | 1   | 7-Contact Plug End Only                                      | 585 - 1215    |
| 6   | 56-0008     | 2   | Harness Frame Clip   | 585 - 1215    |
| 7   | 56-0009     | 1   | 7-Way "Stor-A-Way" Plug Holder                               | 585 - 1215    |
| 8   | 56-0084     | 1   | LED Ag Enhancer Module (Trailer Mounts Only)                 | 585 - 1215    |
| 9   | 56-0130-1   | 1   | Y-Harness Less Light Plug Leads                              | 585 - 1215    |
| 10  | 56-0130-2   | 2   | Right/Left Light Pigtail Lead                                | 585 - 1215    |
| 11  | 56-0211     | 1   | Front Discharge 24' LED Light Cord 6-Pin & 7-Pin Connector   | 585/700       |
|     | 56-0212     | 1   | Side Discharge 20.75' LED Light Cord 6-Pin & 7-Pin Connector | 585/700       |
|     | 56-0209     | 1   | Front Discharge 28' LED Light 6-Pin & 7-Pin Connector        | 815/1015/1215 |
|     | 56-0210     | 1   | Side Discharge 24.5' LED Light 6-Pin & 7-Pin Connector       | 815/1015/1215 |

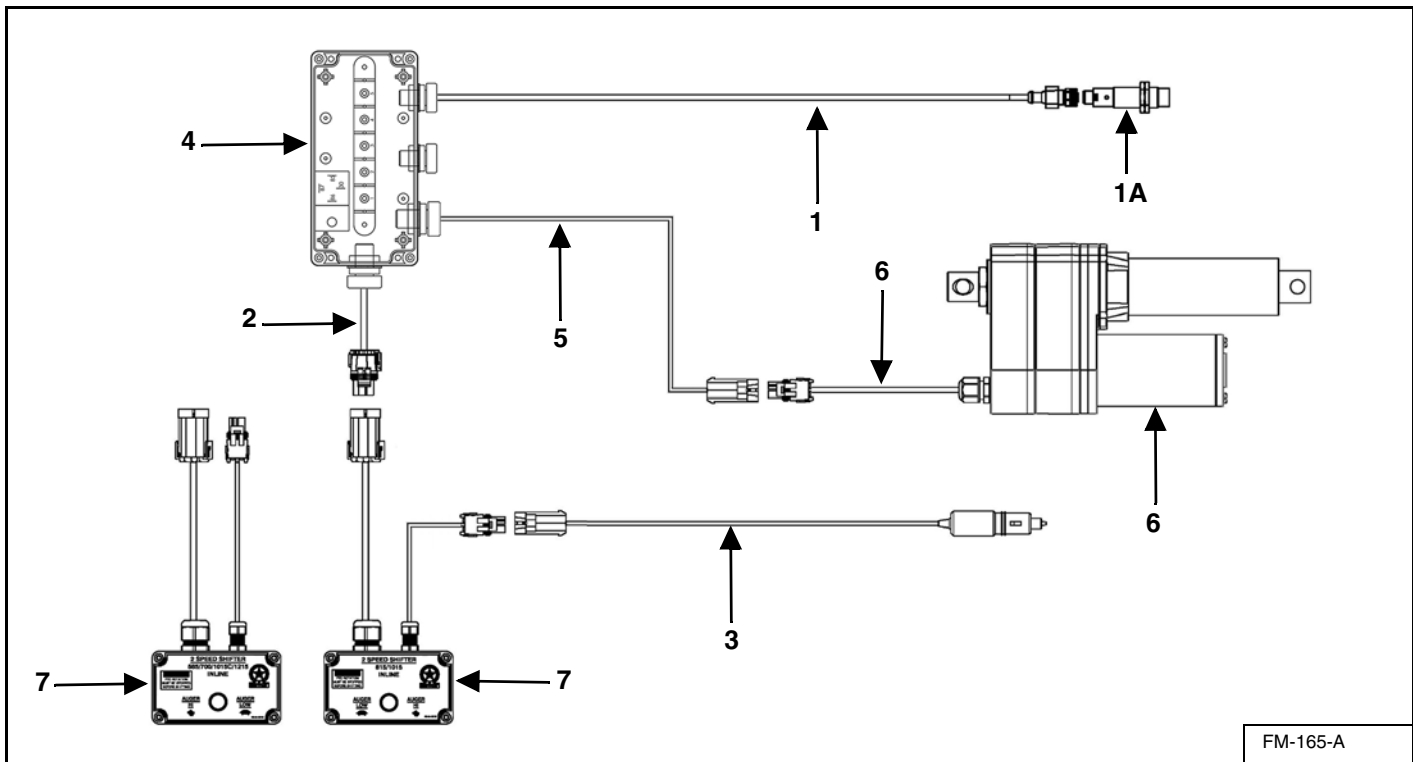
585 - 1215 WEIGH BAR WIRING DIAGRAM



PBM-011

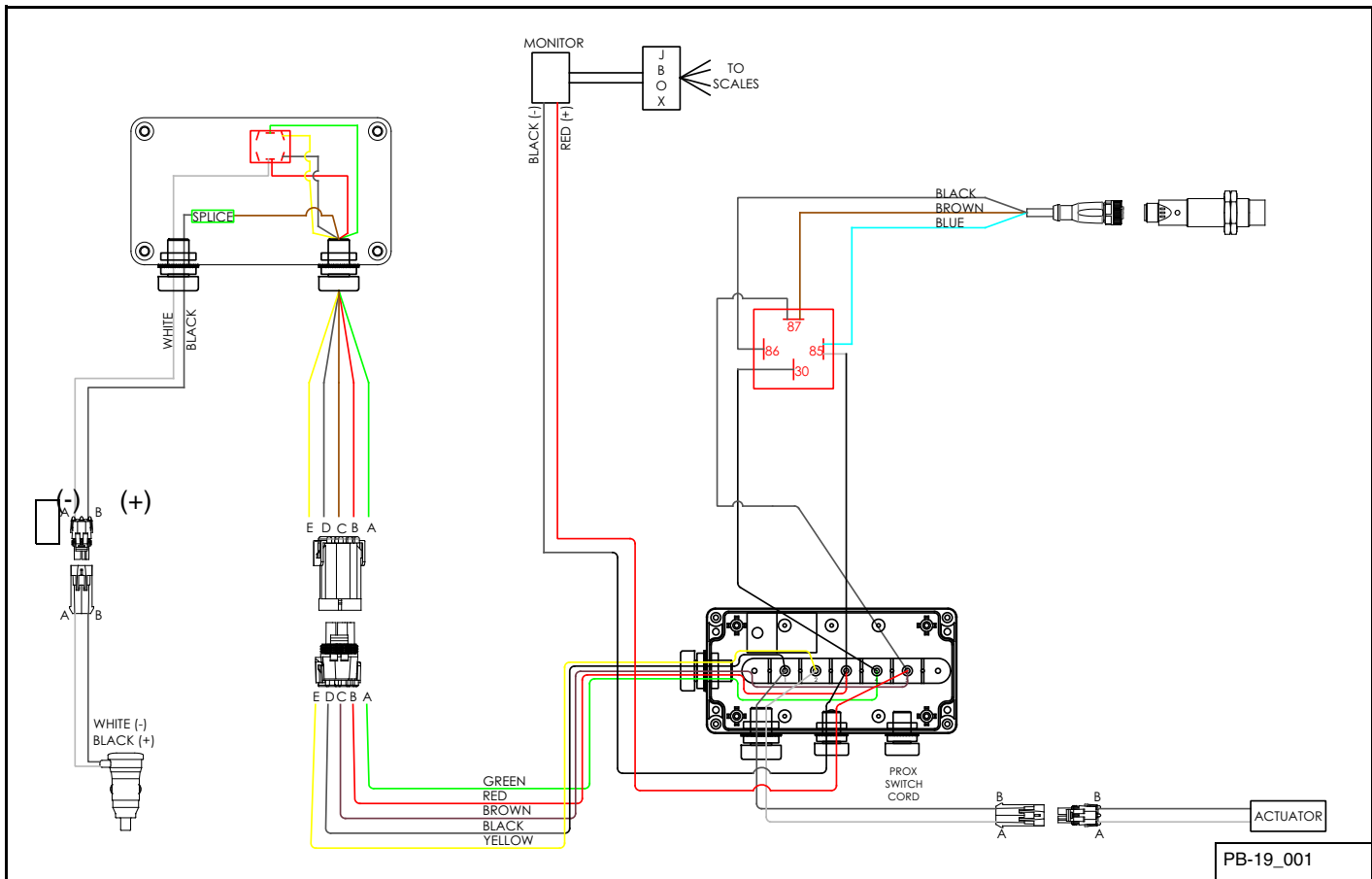
| KEY | PART NUMBER    | QTY | DESCRIPTION  | MIXER MODEL |
|-----|----------------|-----|--|-------------|
| 1   | 58-0002-407120 | 1   | EZ2500V Scale Indicator Monitor With Serial Port   | 585 - 1215  |
|     | 58-0002-407094 | 1   | EZ2500V Scale Indicator Monitor  | 585 - 1215  |
|     | 58-0002-404516 | 1   | EZ2400V Scale Indicator Monitor  | 585 - 1215  |
| 2   | 58-0002-408944 | 1   | EZ3400V Scale Indicator Monitor  | 585 - 1215  |
| 3   | 58-0002-406552 | 1   | EZ3600V Scale Indicator Monitor  | 585 - 1215  |
| 4   | 58-0020        | 1   | 6 Point Mobil J-Box  | 585 - 1215  |
|     | 58-0008        | 1   | 6 Point Mobil J-Box With Monitor Cable   | 585 - 1215  |
| 5   | M9-1-8-0001    | 4   | DB Bar Mount   | 585 - 1215  |
|     | 881-7510-2.5Z  | 8   | 3/4-10 x 2-1/2" Bolt   | 585 - 1215  |
| 6   | 58-0034        | 4   | 2.875" x 14" Load Cell Prior to SN 17VM(0585220, 0700209, 0815205, 1015211, 1215205)                               | 585 - 1215  |
|     | 58-0034-WT     | 4   | 2.875" x 14" Load Cell SN 17VM(0585220, 0700209, 0815205, 1015211, 1215205) & Later Including SN 17VM(0585213/214) | 585 - 1215  |
| 7   | See Page 14    | 1   | 12V Male Plug Auxiliary Power Cord Assembly  | 585 - 1215  |
|     | See Page 14    | 1   | 3-Pin Auxiliary Power Cord Assembly  | 585 - 1215  |
|     | See Page 14    | 1   | Battery Box Package  | 585 - 1215  |
| 8   | 58-0035-10     | 1   | 10' Power Cord   | 585 - 1215  |
| 9   | 58-0029        | 1   | Junction Box To Monitor Cable 30'  | 585 - 1215  |
| 10  | See Page 14    | 1   | 7-Terminal Enclosure Mixer   | 585 - 1215  |

**2-SPEED ELECTRICAL SYSTEM**



FM-165-A

**WIRING SCHEMATIC**

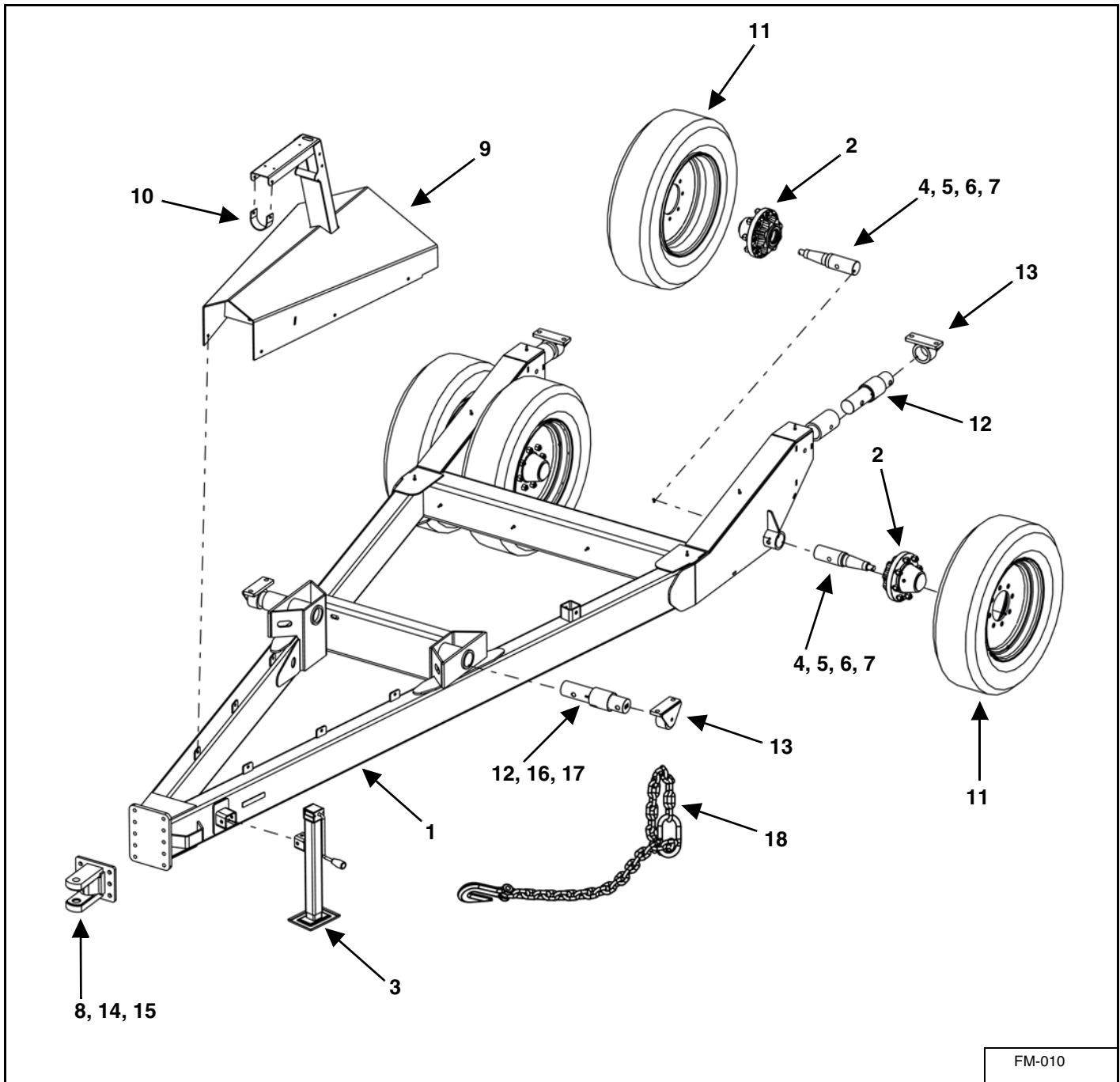


PB-19\_001

| KEY | PART NUMBER | QTY | DESCRIPTION                                  | MIXER MODEL        |
|-----|-------------|-----|--|--------------------|
| 1   | 56-0202     | 1   | Proximity Switch Assembly                    | 585 - 1215         |
| 1A  | 56-0200-1   | 1   | Proximity Switch                             | 585 - 1215         |
| 2   | 56-0205     | 1   | 5-Wire Tractor to Junction Power Cord        | 585 - 1215         |
| 3   | 56-0204     | 1   | 2-Speed Power Cord Assembly                  | 585 - 1215         |
|     | 56-0136     | 1   | 3-Pin Aux Power Cord Assembly (Optional)     | 585 - 1215         |
|     | VA-BBL      | 1   | Battery Box Package (Optional)               | 585 - 1215         |
|     | 656-0001-2  | 1   | 10 Amp 250V Fuse                             | 585 - 1215         |
| 4   | 56-0280     | 1   | 7-Terminal Enclosure                         | 585 - 1215         |
|     | 56-0200-3   | 1   | Normally Open Relay                          | 585 - 1215         |
| 5   | 56-0224     | 1   | 2-Speed Actuator Power Cord, Front Discharge | 585/700            |
|     | 56-0225     | 1   | 2-Speed Actuator Power Cord, Side Discharge  | 585/700            |
|     | 56-0203     | 1   | 2-Speed Actuator Power Cord, Front Discharge | 815/1015/1215      |
|     | 56-0223     | 1   | 2-Speed Actuator Power Cord, Side Discharge  | 815/1015/1215      |
| 6   | 56-0123     | 1   | 12V Linear Actuator With Plug                | 585 - 1215         |
| 7   | 56-0282     | 1   | 2-Speed Control Box ASM                      | 585/700/1015C/1215 |
|     | 56-0283     | 1   | 2-Speed Control Box                          | 815/1015           |

### SINGLE AXLE TRAILER

VA-IF-TR-0507-S4, VA-IS-TR-0507-S4, VA-IF-TR-0810-S4, VA-IS-TR-0810-S4, VA-IF-TR-1215-S4 & VA-IS-TR-1215-S4



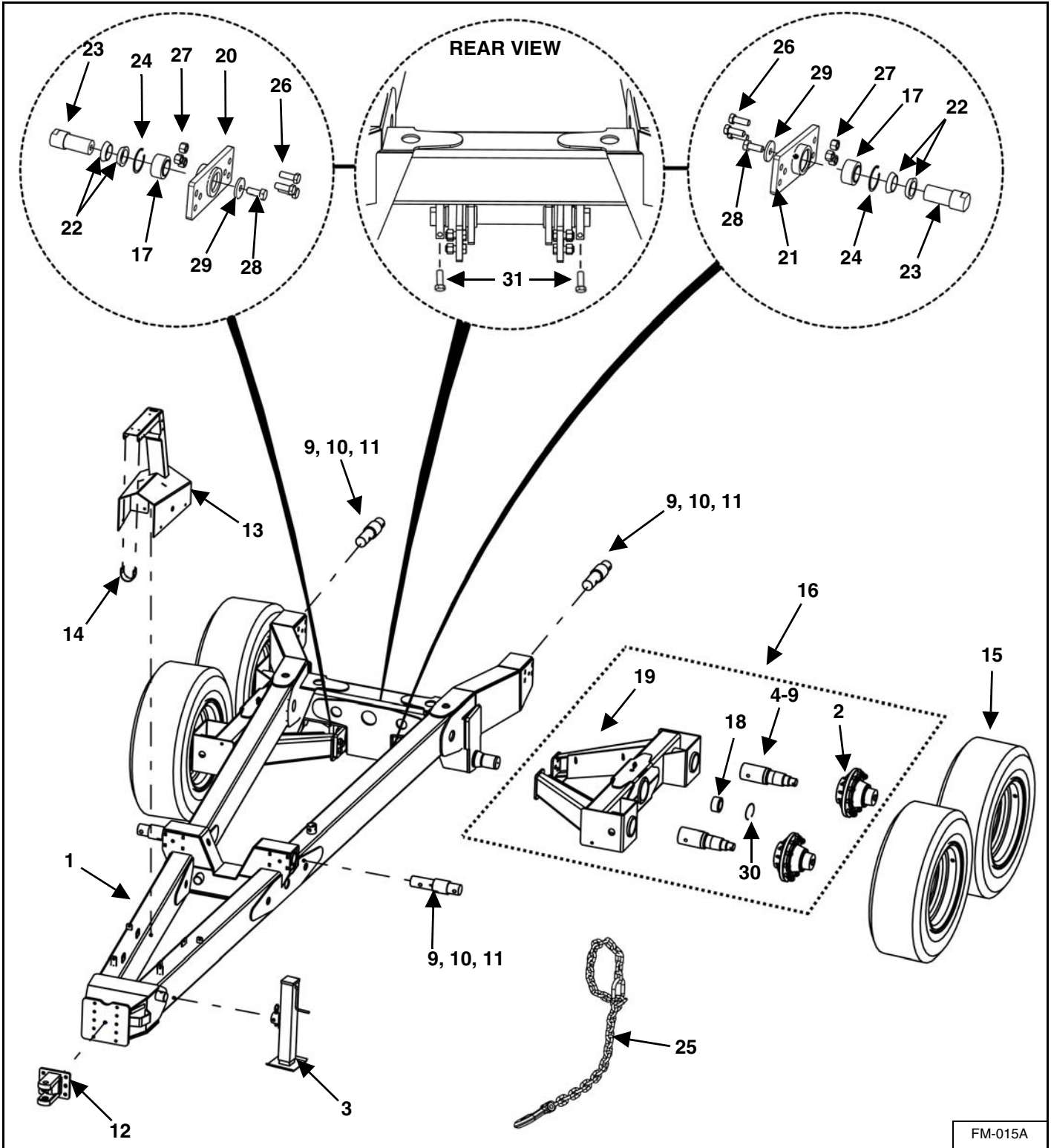
FM-010

| KEY | PART NUMBER  | QTY | DESCRIPTION  | MIXER MODEL |
|-----|--------------|-----|--|-------------|
| 1   | M1-7-0007    | 1   | Single Axle Trailer Frame Assembly (Side Discharge)  | 585/700     |
|     | M1-7-0001-1  | 1   | Single Axle Trailer Frame Assembly (Front Discharge) | 585/700     |
|     | M1-10-0012-1 | 1   | Single Axle Trailer Frame Assembly (Side Discharge)  | 815/1015    |
|     | M1-8-0006-1  | 1   | Single Axle Trailer Frame Assembly (Front Discharge) | 815/1015    |
|     | M1-12-0005-1 | 1   | Single Axle Trailer Frame Assembly (Side Discharge)  | 1215        |
|     | M1-12-0001-1 | 1   | Single Axle Trailer Frame Assembly (Front Discharge) | 1215        |



| KEY | PART NUMBER        | QTY | DESCRIPTION  | MIXER MODEL      |
|-----|--------------------|-----|--|------------------|
| 2   | 75-0209            | 4   | Hub, 8,000# Capacity                                 | 585/700          |
|     | 75-0211            | 4   | Hub, 15,000# Capacity                                | 815/1015         |
|     | 75-0216            | 4   | Hub, 20,000# Capacity                                | 1215             |
|     | 75-0217            | 4   | Oil Bath Hub, 20,000# Capacity                       | 1215             |
|     | 75-0218            | 4   | Oil Bath Hub, 22,500# Capacity (Brake Trailer)       | 1215             |
| 3   | 956-3803           | 1   | 8,000 # Square Jack Without Mount Tube               | 585/700          |
|     | 956-3804           | 1   | 10,000# Square Jack Without Mount Tube               | 815/1015/1215    |
| 4   | M1-7-0006-L        | 4   | Spindle, 2.725 x 14.25" With Nut, Washer, Cotter Pin | 585/700          |
|     | M1-8-0002-AS       | 4   | Spindle, 3.475 x 12.75" With Nut, Washer, Cotter Pin | 815/1015         |
|     | 75-0116            | 4   | Spindle, 4.474 x 16" With Nut, Washer, Cotter Pin    | 1215             |
|     | M1-12-0024         | 4   | Spindle, 4.464 x 18.5" (Brake Trailer)               | 1215             |
| 5   | 75-0205-7          | 4   | Spindle Washer                                       | 585/700          |
|     | 75-0208-7          | 4   | Spindle Washer                                       | 815/1015         |
|     | 75-0213-12         | 4   | Spindle Washer                                       | 1215             |
|     | 75-0218-2          | 4   | Spindle Washer (Brake Trailer)                       | 1215             |
| 6   | 75-0205-8          | 4   | Spindle Nut  | 585/700          |
|     | 75-0208-8          | 4   | Spindle Nut  | 815/1015         |
|     | 75-0213-13         | 4   | Spindle Nut  | 1215             |
|     | 75-0218-4          | 4   | Spindle Nut (Brake Trailer)                          | 1215             |
| 7   | 75-0205-9          | 4   | Cotter Pin   | 585/700          |
|     | 823-25-3Z          | 4   | Cotter Pin   | 815/1015         |
|     | 75-0213-14         | 4   | Cotter Pin   | 1215             |
|     | 75-0218-9          | 4   | Cotter Pin (Brake Trailer)                           | 1215             |
| 8   | M1-8-0010          | 1   | Adjustable Hitch Front Plate                         | 585 - 1215       |
| 9   | M8-1-7-0005        | 1   | PTO Shroud (Side Discharge)                          | 585/700          |
|     | M8-1-7-0001        | 1   | PTO Shroud (Front Discharge)                         | 585/700          |
|     | M8-1-8-0009        | 1   | PTO Shroud (Side Discharge)                          | 815/1015/1215    |
|     | M8-1-8-0003        | 1   | PTO Shroud (Front Discharge)                         | 815/1015/1215    |
| 10  | M8-1-8-0006-7      | 1   | Rubber Hose Holder                                   | 585 - 1215       |
| 11  | Call1-800-325-9103 | 4   | Tire & Wheel   | 585 - 1215       |
| 12  | See Page 12        | 4   | 2.875" x 14" Load Cell                               | 585 - 1215       |
| 13  | See Page 12        | 4   | DB Bar Mount   | 585 - 1215       |
| 14  | 881-7510-1.75Z     | 6   | 3/4-10 x 1-1/2" Machine Bolt Grade 8                 | 585 - 1215       |
| 15  | 822-0075-Z         | 6   | 3/4" Split Lock Washer                               | 585 - 1215       |
| 16  | 851-7510-5Z        | 8   | 3/4-10 x 5" Grade 5 Bolt Zinc                        | 585/700          |
|     | 851-7510-5.5Z      | 4   | 3/4-10 x 5-1/2" Grade 5 M Bolt Zinc                  | 815/1015         |
|     | 851-7510-7Z        | 4   | 3/4-10 x 7" Grade 5 M Bolt Zinc (Side Discharge)     | 1215             |
|     | 851-7510-6Z        | 4   | 3/4-10 x 6" Grade 5 M Bolt Zinc (Front Discharge)    | 1215             |
| 17  | 815-7510-Z         | 4   | 3/4-10 Nylon Insert Lock Nut                         | 585 - 1215       |
| 18  | 52-0051            | 1   | Safety Chain, 40,000# Capacity                       | 585/700/815/1015 |
|     | 52-0052            | 1   | Safety Chain, 60,000# Capacity                       | 1215             |

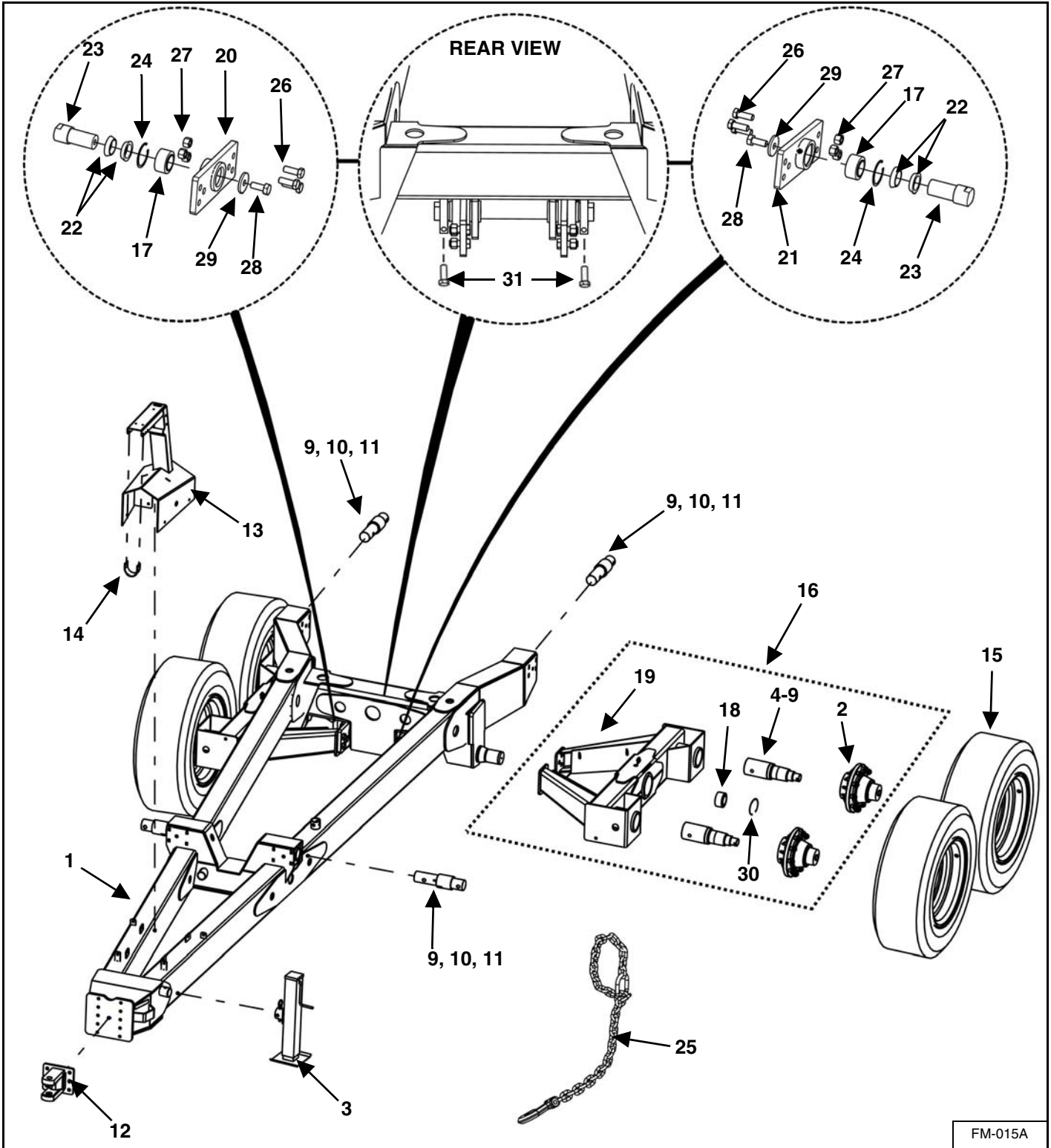
TANDEM AXLE TRAILER  
 VA-IF-TR-05-07-T4, VA-IF-TR-08-10-T4, VA-IF-TR-1215-T4, VA-IS-TR-08-10-T4 & VA-IS-TR-1215-T4



FM-015A

| KEY | PART NUMBER    | QTY | DESCRIPTION   | MIXER MODEL |
|-----|----------------|-----|---|-------------|
| 1   | M1-7-0015-1    | 1   | Tandem Axle Trailer Frame Assembly (Front Discharge)        | 585/700     |
|     | M1-10-0016-1   | 1   | Tandem Axle Trailer Frame Assembly (Side Discharge)         | 815/1015    |
|     | M1-10-0022-1   | 1   | Tandem Axle Trailer Frame Assembly (Front Discharge)        | 815/1015    |
|     | M1-12-0013-1   | 1   | Tandem Axle Trailer Frame Assembly (Side Discharge)         | 1215        |
|     | M1-12-0020-1   | 1   | Tandem Axle Trailer Frame Assembly (Front Discharge)        | 1215        |
| 2   | 75-0209        | 4   | Hub, 8,000# Capacity  | 585/700     |
|     | 75-0211        | 4   | Hub, 15,000# Capacity                                       | 815/1015    |
|     | 75-0216        | 4   | Hub, 20,000# Capacity (Prior to SN VMT16226)                | 1215        |
|     | 75-0217        | 4   | Oil Bath Hub, 20,000# Capacity (SN VMT16226 & Later)        | 1215        |
|     | 75-0219        | 4   | Brake Hub, 15,000# Capacity (Brake Trailer)                 | 1215        |
| 3   | 956-3803       | 1   | 8,000 # Square Jack With Storage Mount Tube                 | 585/700     |
|     | 956-3804       | 1   | 10,000 # Square Jack With Storage Mount Tube                | 815 - 1215  |
| 4   | M1-7-0006-L    | 4   | Spindle, 2.725" x 14.250" With Nut, Washer, Cotter Pin      | 585/700     |
|     | 75-0111-3      | 4   | Spindle, 3.480 x 16.219" With Nut, Washer, Cotter Pin       | 815/1015    |
|     | 75-0116-2      | 4   | Spindle, 4.474 x 15.50" With Nut, Washer, Cotter Pin        | 1215        |
|     | 75-0117        | 4   | Brake Spindle, 4.480 x 16.219" With Nut, Washer, Cotter Pin | 1215        |
| 5   | 75-0205-7      | 4   | Spindle Washer  | 585/700     |
|     | 75-0208-7      | 4   | Spindle Washer  | 815/1015    |
|     | 75-0213-12     | 4   | Spindle Washer  | 1215        |
|     | 75-0208-7      | 4   | Spindle Washer (Brake Trailer)                              | 1215        |
| 6   | 75-0205-8      | 4   | Spindle Nut   | 585/700     |
|     | 75-0208-8      | 4   | Spindle Nut   | 815/1015    |
|     | 75-0213-13     | 4   | Spindle Nut   | 1215        |
|     | 75-0208-8      | 4   | Spindle Nut (Brake Trailer)                                 | 1215        |
| 7   | 75-0205-9      | 4   | Cotter Pin  | 585/700     |
|     | 823-25-3Z      | 4   | Cotter Pin  | 815/1015    |
|     | 75-0213-14     | 4   | Cotter Pin  | 1215        |
|     | 823-25-3Z      | 4   | Cotter Pin (Brake Trailer)                                  | 1215        |
| 8   | 851-7510-5Z    | 4   | 3/4-10 x 5" Bolt  | 585/700     |
|     | 851-7510-7Z    | 4   | 3/4-10 x 7" Bolt  | 815 - 1215  |
| 9   | 815-7510-Z     | 8   | 3/4-10 Nylon Insert Lock Nut                                | 585 - 1215  |
| 10  | 881-7510-8Z    | 4   | 3/4-10 x 8" Bolt  | 815 - 1215  |
| 11  | See Page 12    | 4   | 2.875" x 14" Load Cell                                      | 585 - 1215  |
| 12  | M1-8-0010      | 1   | Adjustable Hitch Front Plate                                | 585 - 1215  |
|     | 881-7510-1.75Z | 6   | 3/4-10 x 1-1/2" Machine Bolt Grade 8                        | 585 - 1215  |
|     | 822-0075-Z     | 6   | 3/4" Split Lock Washer                                      | 585 - 1215  |

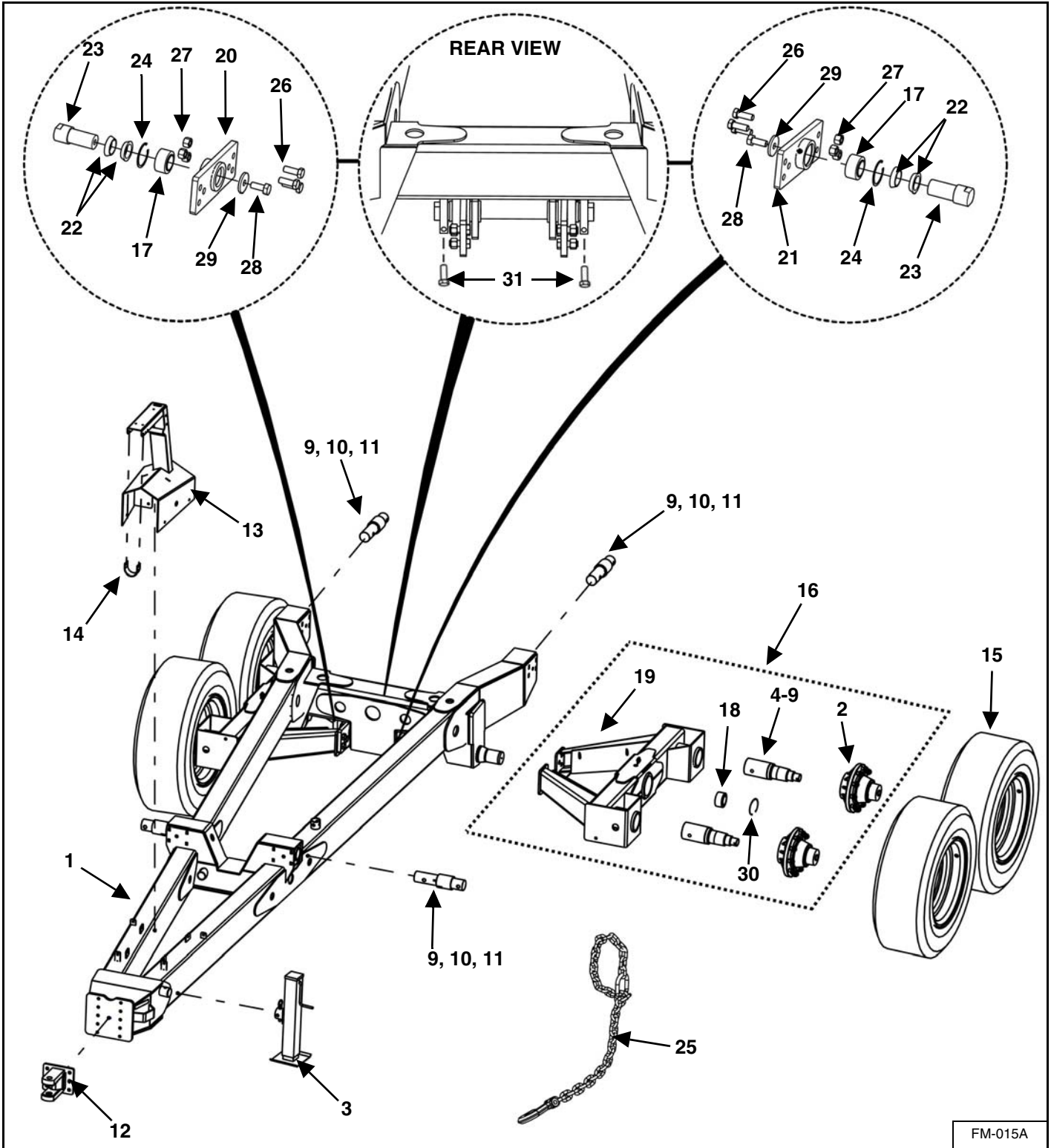
TANDEM AXLE TRAILER (CONT'D)  
 VA-IF-TR-05-07-T4, VA-IF-TR-08-10-T4, VA-IF-TR-1215-T4, VA-IS-TR-08-10-T4 & VA-IS-TR-1215-T4



FM-015A

| KEY             | PART NUMBER     | QTY   | DESCRIPTION  | MIXER MODEL |
|-----------------|-----------------|---|--|-------------|
| 13              | M8-1-7-0001     | 1   | PTO Shroud (Front Discharge)   | 585/700     |
|                 | M8-10-0009-1    | 1   | PTO Shroud (Front Discharge)   | 815 - 1215  |
|                 | M8-12-0001-1    | 1   | PTO Shroud (Side Discharge)  | 585 - 1215  |
| 14              | M8-1-8-0006-7   | 1   | Rubber Hose Holder   | 815 - 1215  |
| 15              | -----           | 4   | Call Factory With Model Information  | 585 - 1215  |
| 16              | M1-7-0013-R     | 1   | Right Tandem O-Beam Assembly (Including Key #'s 17, 20, 24, 26 & 27)                             | 585/700     |
|                 | M1-7-0013-NHR   | 1   | Right Tandem O-Beam Assembly Without Hubs (Including Key #'s 17, 20, 24, 26 & 27)                | 585/700     |
|                 | M1-7-0013-L     | 1   | Left Tandem O-Beam Assembly (Including Key #'s 17, 21, 24, 26 & 27)                              | 585/700     |
|                 | M1-7-0013-NHL   | 1   | Left Tandem O-Beam Assembly Without Hubs (Including Key #'s 17, 21, 24, 26 & 27)                 | 585/700     |
|                 | M1-10-0021-R    | 1   | Right Tandem O-Beam Assembly (Including Key #'s 17, 20, 24, 26 & 27)                             | 815/1015    |
|                 | M1-10-0021-NHR  | 1   | Right Tandem O-Beam Assembly Without Hubs (Including Key #'s 17, 20, 24, 26 & 27)                | 815/1015    |
|                 | M1-10-0021-L    | 1   | Left Tandem O-Beam Assembly (Including Key #'s 17, 21, 24, 26 & 27)                              | 815/1015    |
|                 | M1-10-0021-NHL  | 1   | Left Tandem O-Beam Assembly Without Hubs (Including Key #'s 17, 21, 24, 26 & 27)                 | 815/1015    |
|                 | M1-12-0010-R    | 1   | Right Tandem O-Beam Assembly (Including Key #'s 17, 20, 24, 26 & 27)                             | 1215        |
|                 | M1-12-0010-NHR  | 1   | Right Tandem O-Beam Assembly Without Hubs (Including Key #'s 17, 20, 24, 26 & 27)                | 1215        |
|                 | M1-12-0010-L    | 1   | Left Tandem O-Beam Assembly (Including Key #'s 17, 21, 24, 26 & 27)                              | 1215        |
|                 | M1-12-0010-NHL  | 1   | Left Tandem O-Beam Assembly Without Hubs (Including Key #'s 17, 21, 24, 26 & 27)                 | 1215        |
|                 | M1-12-0010B-R   | 1   | Right Tandem Brake O-Beam Assembly With Brake Assemblies (Including Key #'s 17, 20, 24, 26 & 27) | 1215        |
|                 | M1-12-0010B-NHR | 1   | Right Tandem Brake O-Beam Assembly Without Hubs (Including Key #'s 17, 20, 24, 26 & 27)          | 1215        |
|                 | M1-12-0010B-L   | 1   | Left Tandem Brake O-Beam Assembly (Including Key #'s 17, 21, 24, 26 & 27)                        | 1215        |
| M1-12-0010B-NHL | 1               | Left Tandem Brake O-Beam Assembly With Brake Assemblies (Including Key #'s 17, 21, 24, 26 & 27) | 1215   |             |
| 17              | 114-VM-0002     | 2   | Plain Spherical Bearing 2.5" ID Motion   | 585 - 1215  |
| 18              | 914-3822        | 2   | Sealed Spherical Bearing 3" ID x 4.75" OD x 2.625"   | 585 - 1215  |
|                 | 114-VM-0003     | 2   | Sealed Spherical Bearing 3.5" ID x 5.5 OD X 3.062"   | 1215        |

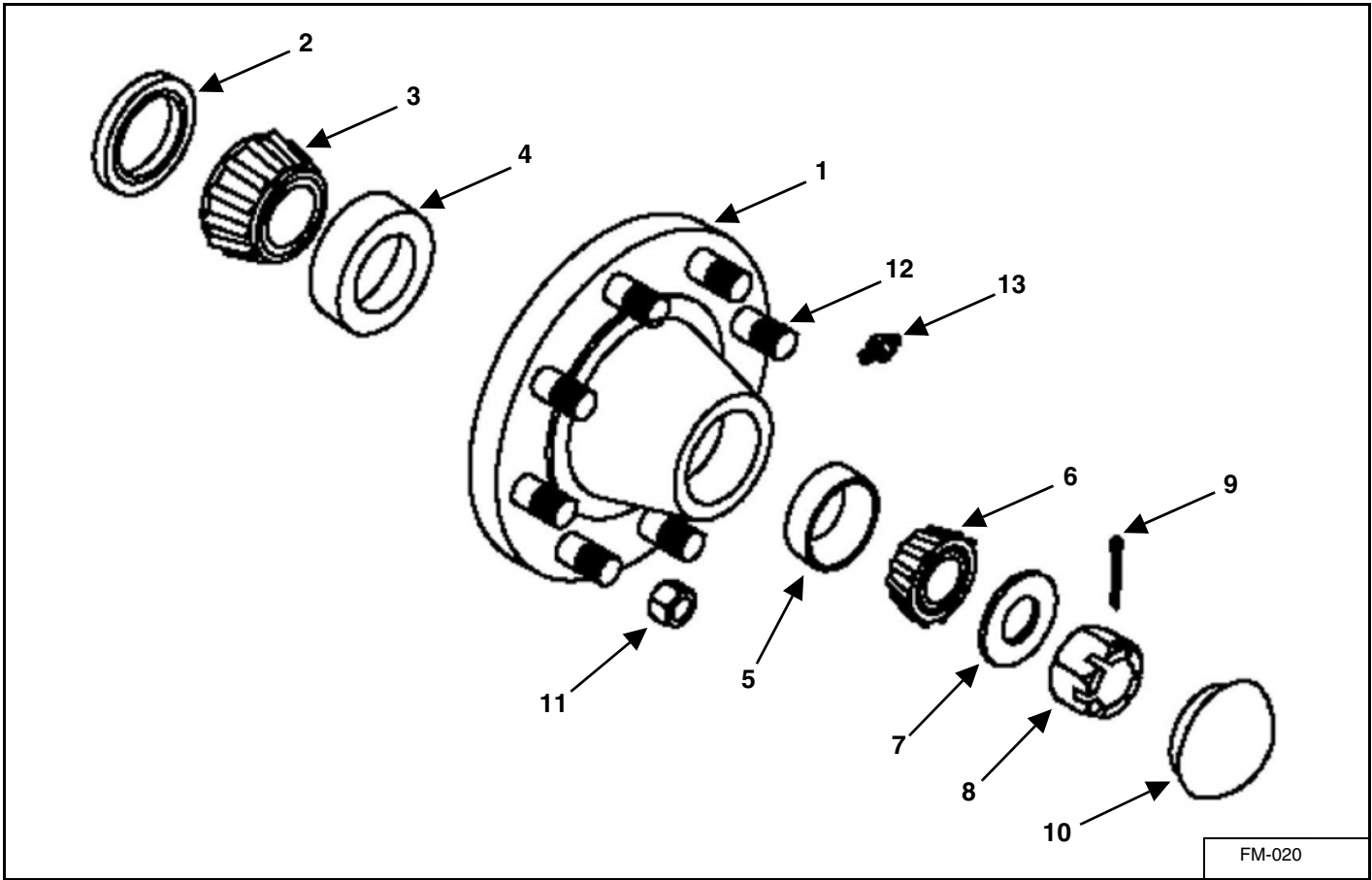
TANDEM AXLE TRAILER (CONT'D)  
 VA-IF-TR-05-07-T4, VA-IF-TR-08-10-T4, VA-IF-TR-1215-T4, VA-IS-TR-08-10-T4 & VA-IS-TR-1215-T4



FM-015A

| KEY | PART NUMBER     | QTY | DESCRIPTION  | MIXER MODEL |
|-----|-----------------|-----|--|-------------|
| 19  | M1-7-0013-NHS   | 2   | Tandem O-Beam Assembly (Including Key #'s 18 & 30)       | 585/700     |
|     | M1-10-0021-NHS  | 2   | Tandem O-Beam Assembly (Including Key #'s 18 & 30)       | 815/1015    |
|     | M1-12-0010-NHS  | 2   | Tandem O-Beam Assembly (Including Key #'s 18 & 30)       | 1215        |
|     | M1-12-0010B-NHS | 2   | Tandem Brake O-Beam Assembly (Including Key #'s 18 & 30) | 1215        |
| 20  | M1-12-0017      | 1   | Right Tandem Inner Bearing Weldment With Grease Fittings | 585 - 1215  |
| 21  | M1-12-0017      | 1   | Left Tandem Inner Bearing Weldment With Grease Fittings  | 585/700     |
|     | M1-12-0018      | 1   | Left Tandem Inner Bearing Weldment With Grease Fittings  | 815 - 1215  |
| 22  | M1-10-0004-1-1  | 4   | Tandem Inner Bearing Torque Collar                       | 585 - 1215  |
| 23  | M1-10-0004-1-2  | 2   | Tandem Inner Bearing Pin                                 | 585 - 1215  |
| 24  | 33-0056         | 2   | Internal Snap Ring Fits 3.938" ID Tube                   | 585 - 1215  |
| 25  | 52-0051         | 1   | Safety Chain, 40,000# Capacity                           | 585 - 1015  |
|     | 52-0052         | 1   | Safety Chain, 60,000 # Capacity                          | 1215        |
| 26  | 851-1008-2.75Z  | 12  | 1-8 x 2-3/4" Bolt  | 585 - 1215  |
| 27  | 884-1008        | 12  | 1"-8 Lock Nut  | 585 - 1215  |
| 28  | 881-1014-2.5Z   | 2   | 1-14 x 2-1/2" Bolt (Torque to 500 ft./lbs. lubricated)   | 585 - 1215  |
| 29  | M1-10-0004-1-3  | 2   | Inner Bearing Washer                                     | 585 - 1215  |
| 30  | 33-0057         | 4   | 4-3/4" Internal Snap Ring                                | 585 - 1215  |
| 31  | 881-7510-7Z     | 2   | 3/4-10 x 7" Machine Bolt Grade 8                         | 585 - 1215  |
|     | 814-7510-Z      | 2   | 3/4-10 Center Lock Nut                                   | 585 - 1215  |

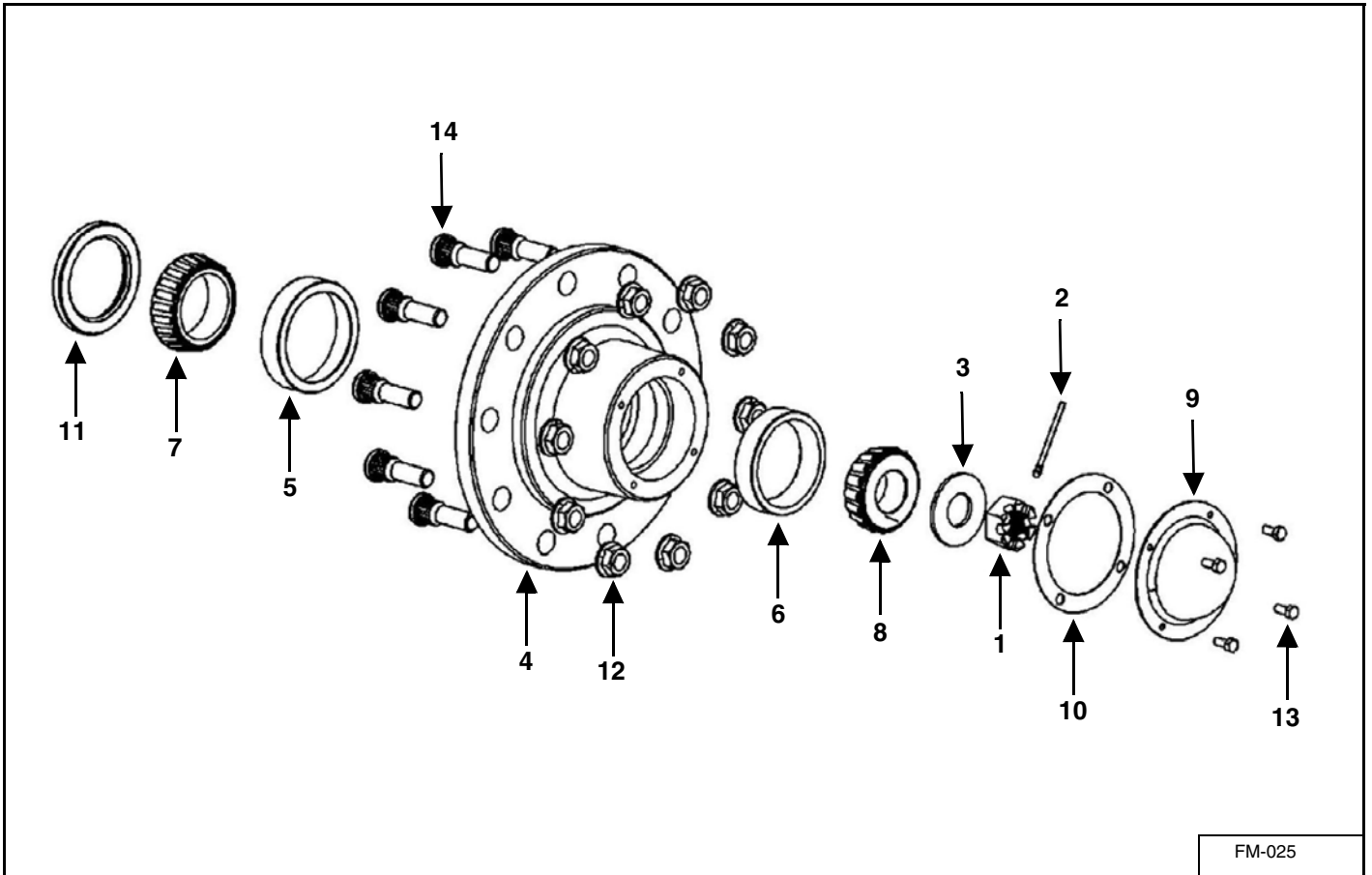
### 75-0209 HUB ASSEMBLY



| KEY | PART NUMBER  | QTY | DESCRIPTION  |
|-----|--------------|-----|--|
| 0   | 75-0209      | 4   | Hub, Complete Assembly                                 |
| 1   | 75-0207-1    | 1   | Hub With Races   |
| 2   | 75-0209-2    | 1   | Grease Seal  |
| 3   | 75-0207-3    | 1   | Inner Wheel Bearing                                    |
| 4   | 75-0207-4    | 1   | Inner Wheel Race                                       |
| 5   | 75-0202-4    | 1   | Outer Wheel Race                                       |
| 6   | 75-0202-3    | 1   | Outer Wheel Bearing                                    |
| 7   | 75-0205-7    | 1   | Washer   |
| 8   | 75-0205-8    | 1   | Nut  |
| 9   | 75-0205-9    | 1   | Cotter Pin   |
| 10  | 75-0205-10   | 1   | Cap  |
| 11  | 75-0205-11-H | 8   | 5/8"-18 Lug Bolt / Lug Nut, Grade 5, Torque 160 ft/lbs |
| 12  | 75-0207-12   | 8   | 5/8"-18 x 2-1/2" Stud Bolt                             |
| 13  | 30-0002      | 1   | 1/8" NPS Straight Zerk                                 |

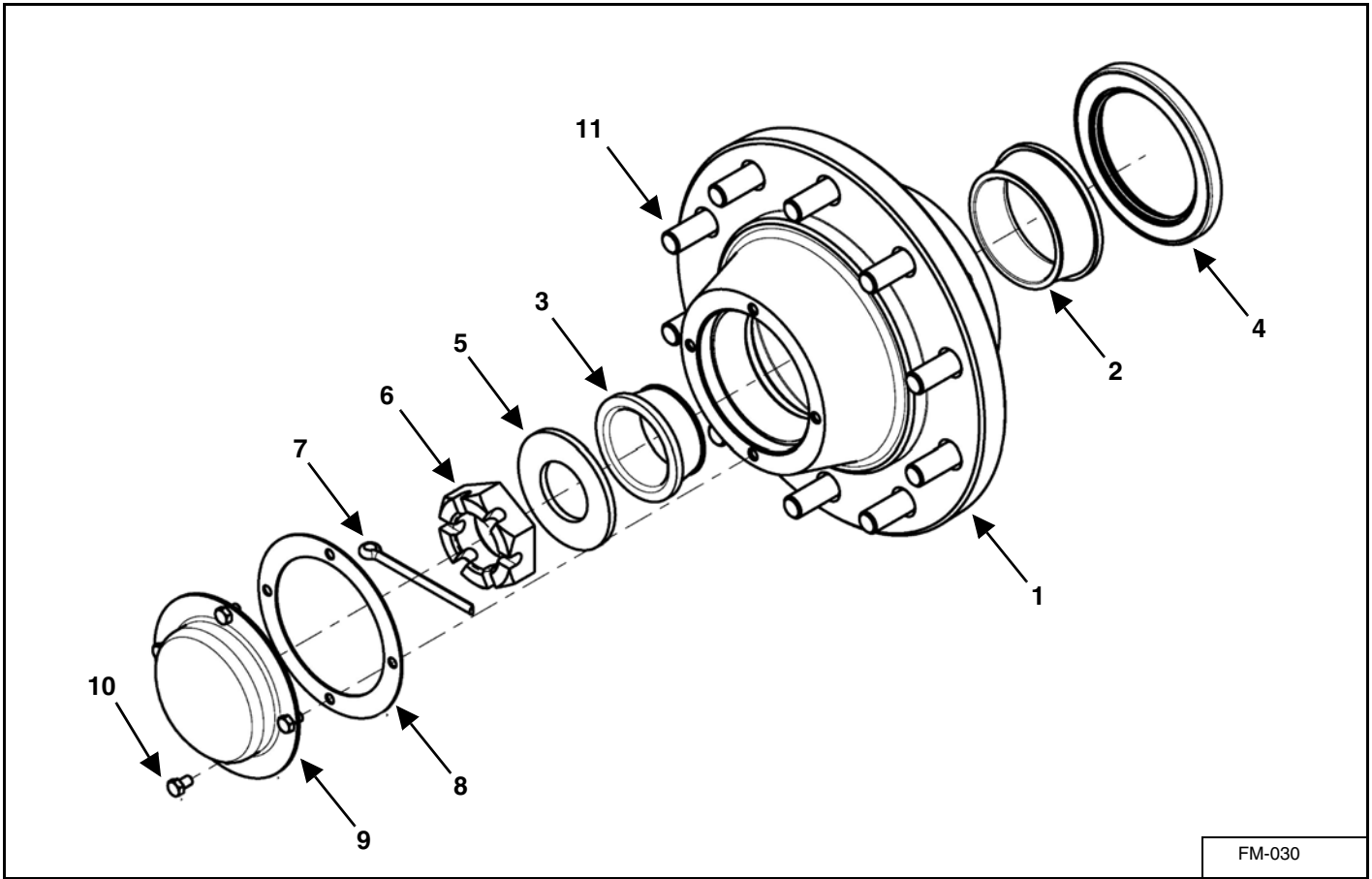


## 75-0219 HUB ASSEMBLY



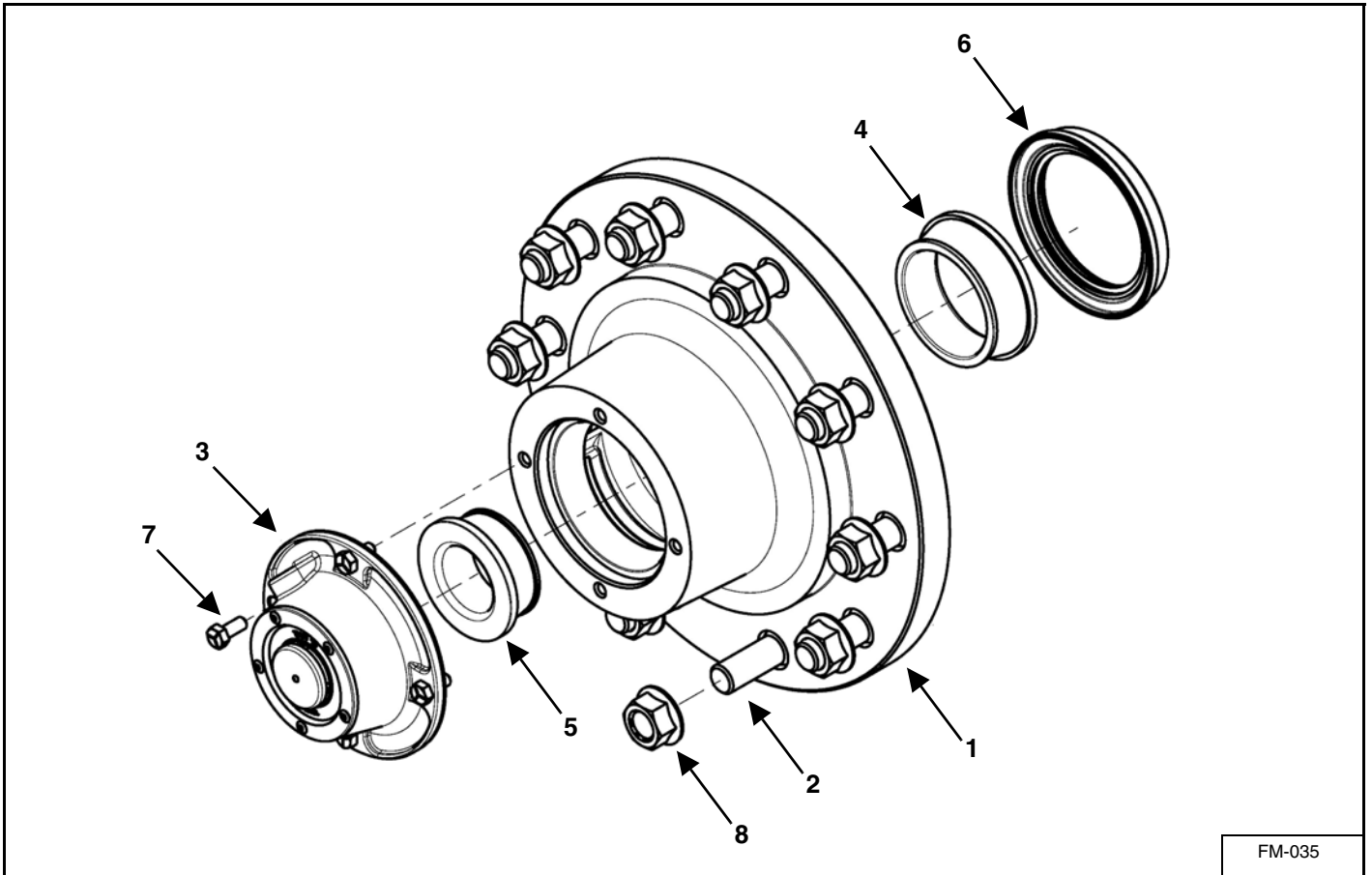
| KEY | PART NUMBER | QTY | DESCRIPTION   |
|-----|-------------|-----|---|
| 0   | 75-0219A    | 1   | Hub Assembly  |
| 1   | 75-0208-8   | 1   | Nut, Castle   |
| 2   | 823-25-3Z   | 1   | Cotter Pin  |
| 3   | 75-0208-7   | 1   | Washer  |
| 4   | 75-0211-1   | 1   | Hub with Bearing Races                              |
| 5   | 75-0211-4   | 1   | Inner Wheel Race                                    |
| 6   | 75-0208-5   | 1   | Outer Wheel Race                                    |
| 7   | 75-0211-3   | 1   | Inner Wheel Bearing Cone                            |
| 8   | 75-0208-6   | 1   | Outer Wheel Bearing Cone                            |
| 9   | 75-0208-10  | 1   | Hub Cap   |
| 10  | 75-0208-14  | 1   | Hub Cap Gasket                                      |
| 11  | 75-0211-2   | 1   | Grease Seal   |
| 12  | 75-0208-11  | 10  | 3/4"-16 Lug Nut-Flanged, Grade 8, Torque 378 ft/lbs |
| 13  | 75-0208-13  | 4   | Hex Bolt, 0.3125-18 x .75                           |
| 14  | 75-0208-12  | 10  | 3/4"-16 Lug Bolt                                    |

### 75-0216 HUB ASSEMBLY



| KEY | PART NUMBER     | QTY | DESCRIPTION   |
|-----|-----------------|-----|---|
| 1   | 75-0216-1       | 1   | Hub W/Races Only                                      |
|     | 75-0213-10      | 1   | Inner Race  |
|     | 75-0213-3       | 1   | Outer Race  |
|     | 75-0208-12      | 10  | Stud Bolt   |
| 2   | 75-2410-1-1-1-5 | 1   | Inner Bearing   |
| 3   | 75-2410-1-1-1-8 | 1   | Outer Bearing   |
| 4   | 75-0213-2       | 1   | Grease Seal   |
| 5   | 75-0213-12      | 1   | Washer  |
| 6   | 75-0213-13      | 1   | Spindle Nut   |
| 7   | 75-0213-14      | 1   | Cotter Pin  |
| 8   | 75-0213-11      | 1   | Hub Cap Gasket  |
| 9   | 75-0216-3       | 1   | Hub Cap   |
| 10  | 75-0208-13      | 1   | Hub Cap Bolt  |
| 11  | 75-0208-12      | 10  | Bolt Stud 3/4"-16 UNF x 2-3/4", Grade 8               |
|     | 75-0208-11      | 10  | Hex Flange Nut 3/4"-16 UNF, Grade 8 Torque 378 ft/lbs |

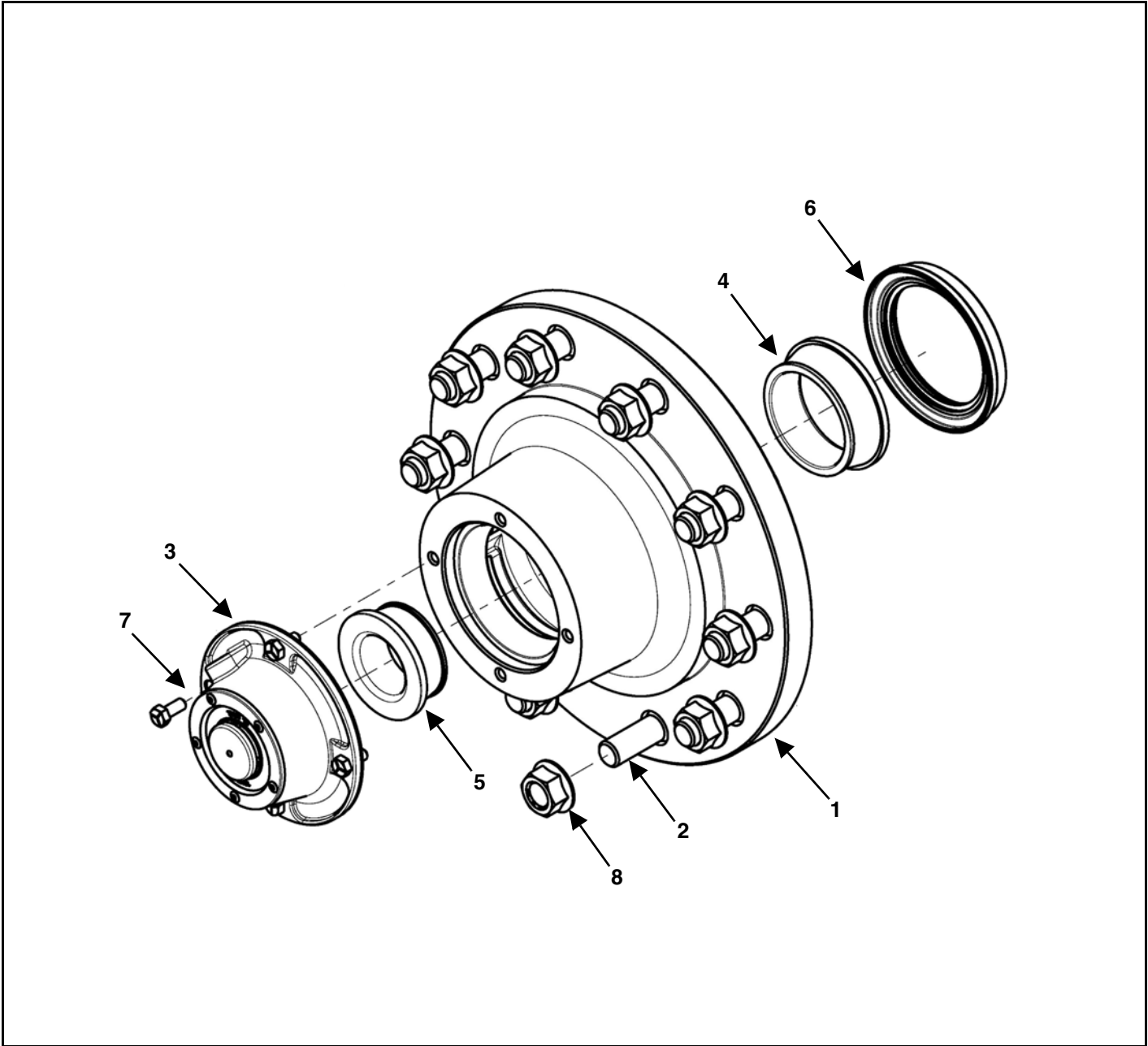
## 75-0217 OIL BATH HUB ASSEMBLY



FM-035

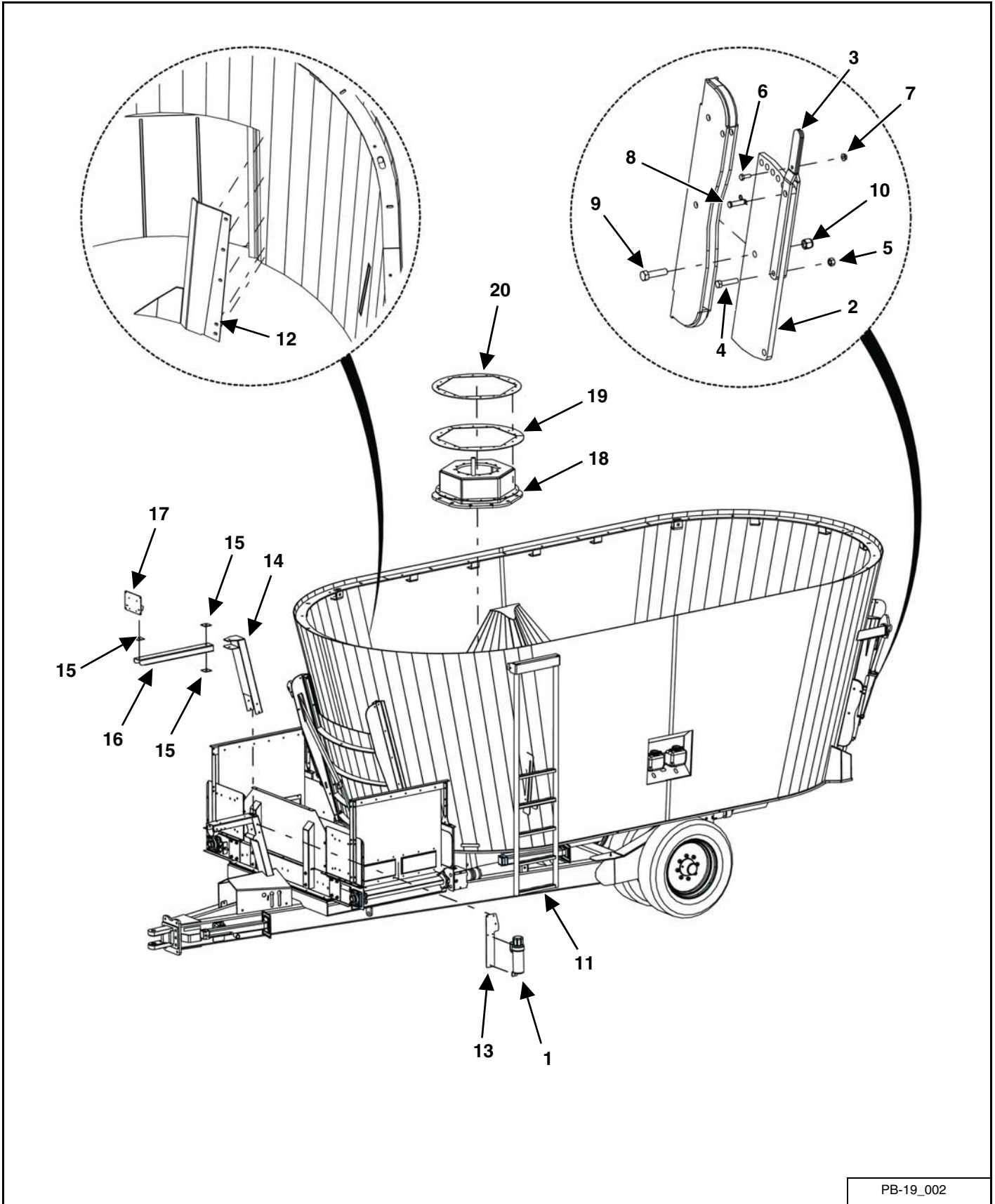
| KEY | PART NUMBER     | QTY | DESCRIPTION   |
|-----|-----------------|-----|---|
| 1   | 75-0217-1       | 1   | Hub   |
|     | 75-0213-10      | 1   | Inner Bearing Cup                                       |
|     | 75-0213-3       | 1   | Outer Bearing Cup                                       |
| 2   | 75-0208-12      | 10  | Bolt Stud 3/4-16 UNF x 2-3/4", Grade 8                  |
| 3   | 75-2410-1-1-1-3 | 1   | 25K Oil Hub Cap With Gasket                             |
| 4   | 975-0200-3-1    | 1   | Inner Bearing Cone                                      |
| 5   | 975-0200-3-2    | 1   | Outer Bearing Cone                                      |
| 6   | 75-0217-2       | 1   | Oil Bath Seal   |
| 7   | 851-3118-.75Z   | 6   | Bolt Hex 5/16-18 UNC x 3/4" LG, Grade 5                 |
| 8   | 75-0208-11      | 10  | Hex Flange Nut - 3/4-16 UNF, Grade 8, Torque 378 ft/lbs |
| NS  | 75-0213-12      | 1   | Washer  |
| NS  | 75-0213-13      | 1   | Spindle Nut   |
| NS  | 75-0213-14      | 1   | Cotter Pin  |

75-0218 OIL BATH HUB ASSEMBLY



| KEY | PART NUMBER     | QTY | DESCRIPTION   |
|-----|-----------------|-----|---|
| 1   | 75-0218-1       | 1   | Hub   |
|     | 75-0218-6       | 1   | Inner Bearing Cup                                       |
|     | 75-0218-7       | 1   | Outer Bearing Cup                                       |
| 2   | 75-0208-12      | 10  | Bolt Stud 3/4-16 UNF x 2-3/4", Grade 8                  |
| 3   | 75-2410-1-1-1-3 | 1   | 25K Oil Hub Cap With Gasket                             |
| 4   | 75-0218-8       | 1   | Inner Bearing Cone                                      |
| 5   | 75-0218-9       | 1   | Outer Bearing Cone                                      |
| 6   | 75-0218-5       | 1   | Oil Bath Seal   |
| 7   | 851-3118-.75Z   | 6   | Bolt Hex 5/16-18 UNC x 3/4" LG, Grade 5                 |
| 8   | 75-0208-11      | 10  | Hex Flange Nut - 3/4-16 UNF, Grade 8, Torque 378 ft/lbs |
| NS  | 75-0218-2       | 1   | Washer  |
| NS  | 75-0218-4       | 1   | Spindle Nut   |
| NS  | 75-0218-3       | 1   | Cotter Pin  |

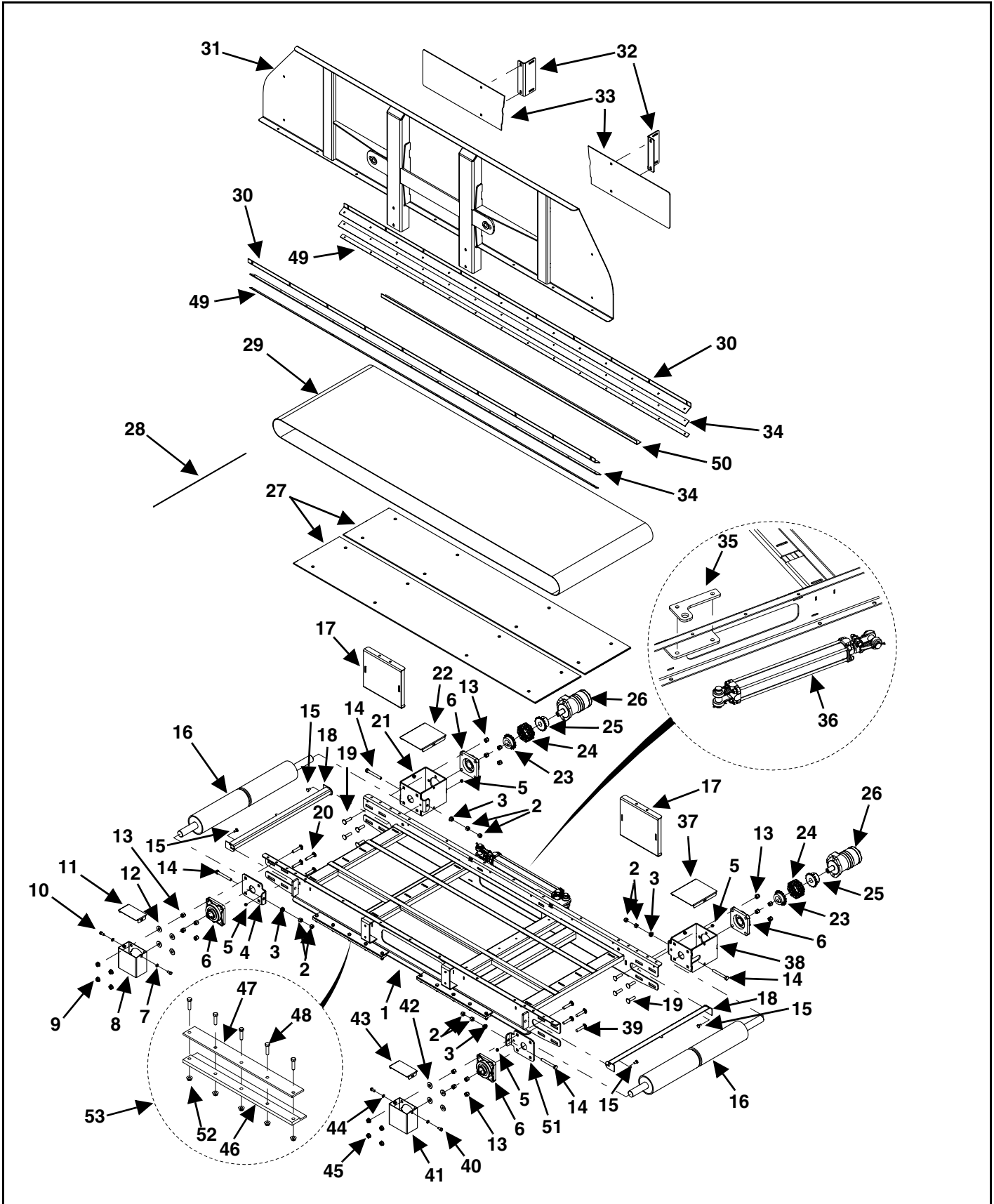
MIXER  
585 - 1215



PB-19\_002

| KEY | PART NUMBER    | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|----------------|-----|--|---------------|
| 1   | 33-0060        | 1   | Manual Holder  | 585 - 1215    |
| 2   | M7-1-8-0002    | 2   | Hay Stop   | 585 - 1215    |
| 3   | M7-1-8-0003    | 4   | Hay Stop Handle  | 585 - 1215    |
| 4   | 851-3816-1.75Z | 2   | 3/8-16 x 1-3/4" Machine Bolt                           | 585 - 1215    |
| 5   | 815-3816-Z     | 2   | 3/8-16 Nylon Insert Lock Nut                           | 585 - 1215    |
| 6   | 851-2520-.75Z  | 2   | 1/4-20 x 3/4" Machine Bolt                             | 585 - 1215    |
| 7   | 810-2520-Z     | 2   | 1/4" Spin Lock Nut                                     | 585 - 1215    |
| 8   | 32-0042        | 2   | 1/2 x 1-1/2" Clevis Pin With Clip                      | 585 - 1215    |
| 9   | 851-5013-2Z    | 2   | 1/2-13 x 2" Machine Bolt                               | 585 - 1215    |
| 10  | 815-5013-Z     | 2   | 1/2-13 Nylon Lock Nut                                  | 585 - 1215    |
| 11  | See Page 82    | 1   | Ladder Weldment  | 585 - 1215    |
| 12  | M6-1-7-0016    | 1   | Front/Rear Door Deflector                              | 585/700       |
|     | M6-1-8-0018    | 1   | Front/Rear Door Deflector                              | 815/1015/1215 |
|     | 803-3816-1.25Z | 5   | 3/8-16 x 1-1/4" Flat Head Socket Cap Screw             | 585 - 1215    |
|     | 815-3816-Z     | 5   | 3/8-16 Nylon Insert Lock Nut                           | 585 - 1215    |
| 13  | M8-1-4-0004    | 1   | Manual Holder Mount                                    | 585 - 1215    |
| 14  | M9-1-8-0007    | 1   | Scale Mount Extension Weldment (Without Platform Only) | 585 - 1215    |
| 15  | M9-1-8-0004    | 3   | Scale Arm Rubber Washer (Without Platform Only)        | 585 - 1215    |
| 16  | M9-1-4-0001    | 1   | Load Display Pivot Arm (Without Platform Only)         | 585 - 1215    |
| 17  | M9-1-8-0002    | 1   | Scale Indicator Mount (Without Platform Only)          | 585 - 1215    |
| 18  | M2-1-10-0003   | 2   | Planetary Mount Weldment                               | 815/1015      |
|     | M2-1-10-0002   | 2   | Planetary Mount Weldment                               | 1015C/1215    |
| 19  | M2-1-5-0011-2  | 6   | Auger Seal Belting                                     | 585/700       |
|     | M2-1-8-0035-2  | 6   | Auger Seal Belting                                     | 815 - 1215    |
| 20  | M2-1-5-0011-3  | 2   | Auger Seal Cover                                       | 585/700       |
|     | M2-1-8-0035-3  | 2   | Auger Seal Cover                                       | 815 - 1215    |
|     | 851-3816-1Z    | 36  | 3/8-16 x 1" Machine Bolt                               | 585 - 1215    |
|     | 815-3816-Z     | 36  | 3/8-16 Nylon Lock Nut                                  | 585 - 1215    |

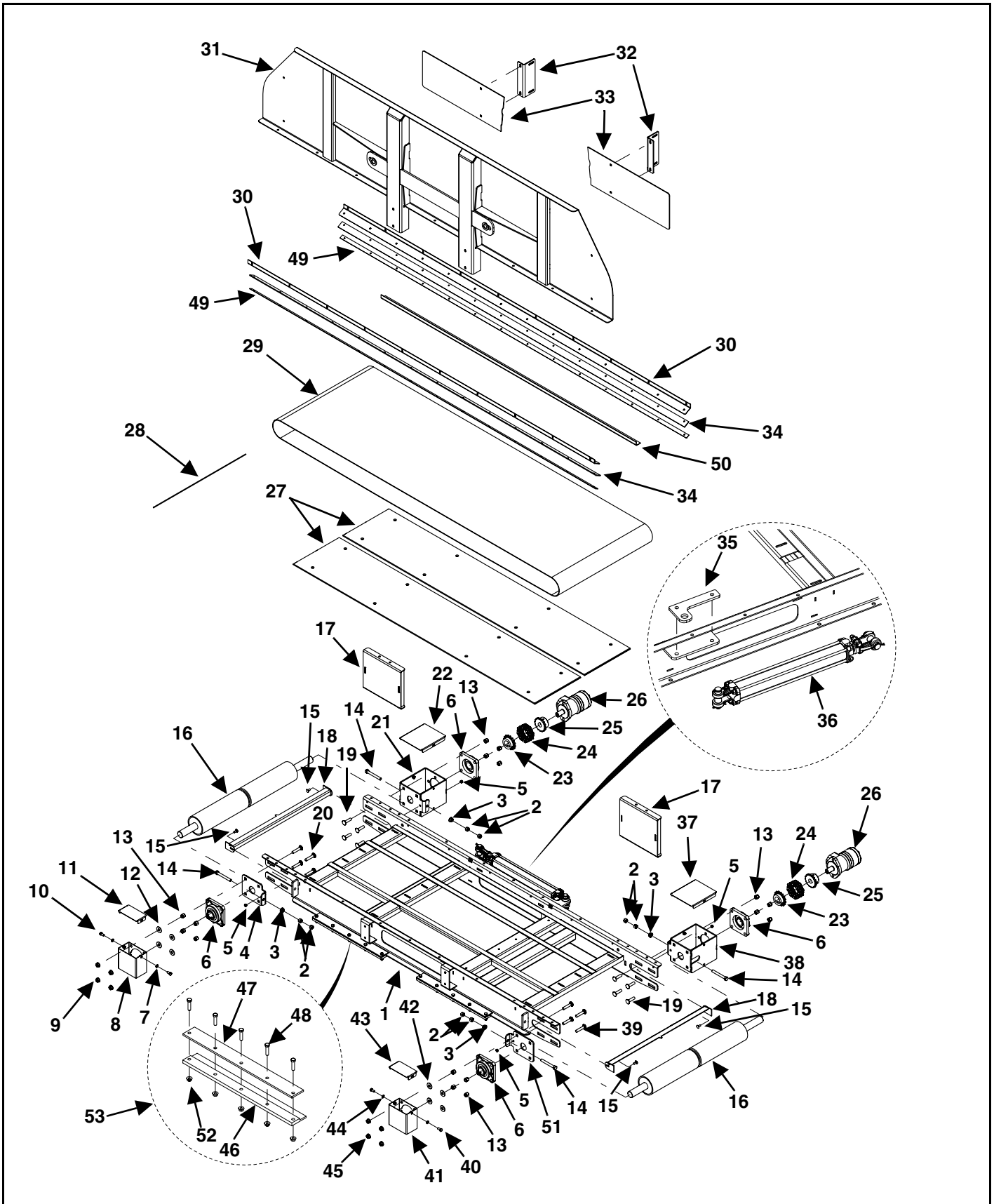
# FRONT FLAT & INCLINE BASE BELT CONVEYOR





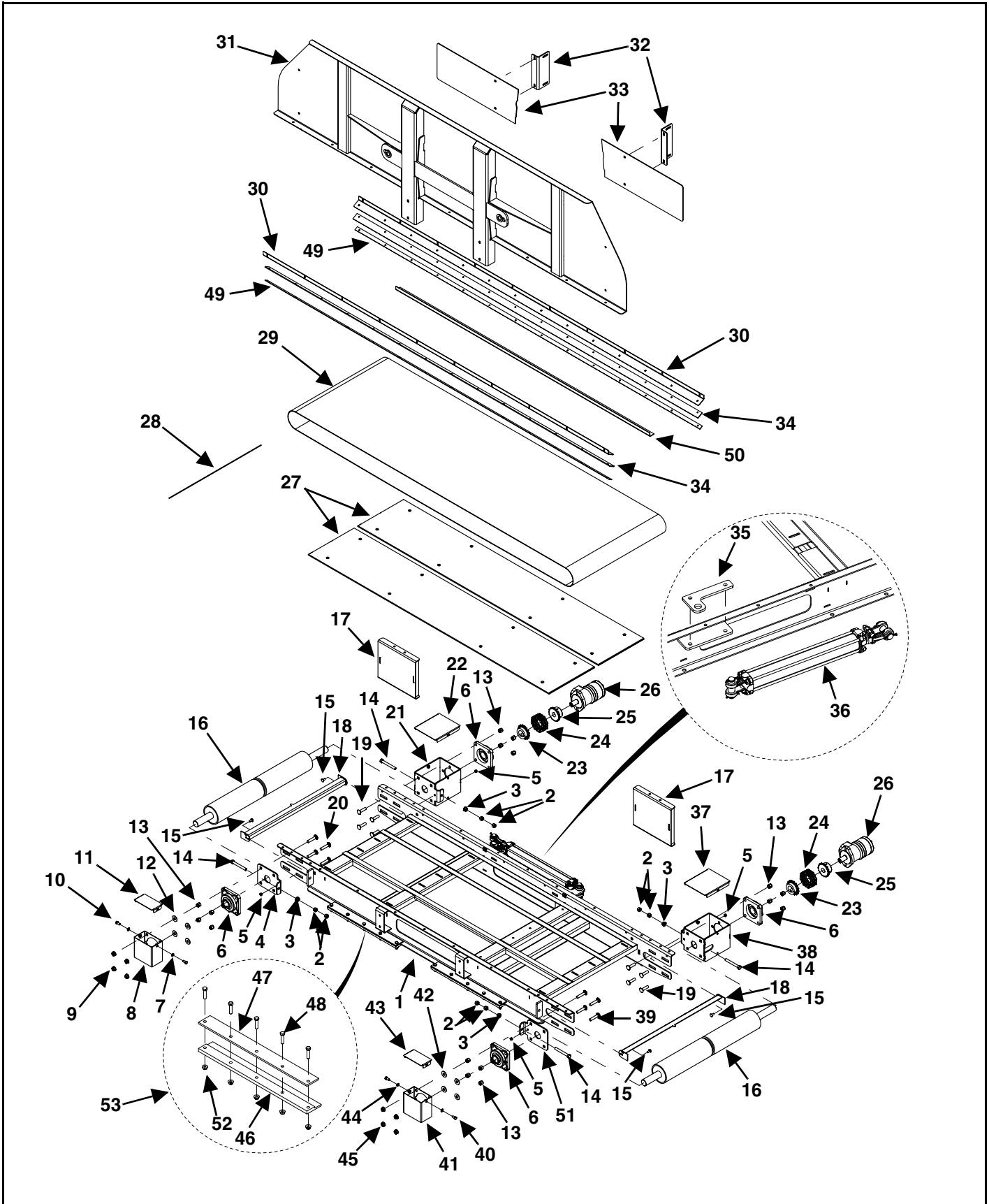
| KEY | PART NUMBER      | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|------------------|-----|--|---------------|
| 0   | VAM-FDB-36-2MI   | 1   | 2 Motor Front Discharge Flat Belt Conveyor (Incline Ready)     | 585/700       |
|     | VAM-FDBI-3636-L3 | 1   | 3 Motor Front LH Discharge Incline Belt Conveyor (36" Incline) | 585/700       |
|     | VAM-FDBI-3636-R3 | 1   | 3 Motor Front RH Discharge Incline Belt Conveyor (36" Incline) | 585/700       |
|     | VAM-FDBI-3648-L3 | 1   | 3 Motor Front LH Discharge Incline Belt Conveyor (48" Incline) | 585/700       |
|     | VAM-FDBI-3648-R3 | 1   | 3 Motor Front RH Discharge Incline Belt Conveyor (48" Incline) | 585/700       |
|     | VAM-FDBI-3660-L3 | 1   | 3 Motor Front LH Discharge Incline Belt Conveyor (60" Incline) | 585/700       |
|     | VAM-FDBI-3660-R3 | 1   | 3 Motor Front RH Discharge Incline Belt Conveyor (60" Incline) | 585/700       |
|     | VAL-FDB-36-2MI   | 1   | 2 Motor Front Discharge Flat Belt Conveyor (Incline Ready)     | 815/1015/1215 |
|     | VAL-FDBI-3636-L3 | 1   | 3 Motor Front LH Discharge Incline Belt Conveyor (36" Incline) | 815/1015/1215 |
|     | VAL-FDBI-3636-R3 | 1   | 3 Motor Front RH Discharge Incline Belt Conveyor (36" Incline) | 815/1015/1215 |
|     | VAL-FDBI-3648-L3 | 1   | 3 Motor Front LH Discharge Incline Belt Conveyor (48" Incline) | 815/1015/1215 |
|     | VAL-FDBI-3648-R3 | 1   | 3 Motor Front RH Discharge Incline Belt Conveyor (48" Incline) | 815/1015/1215 |
|     | VAL-FDBI-3672-L3 | 1   | 3 Motor Front LH Discharge Incline Belt Conveyor (72" Incline) | 815/1015/1215 |
|     | VAL-FDBI-3672-R3 | 1   | 3 Motor Front RH Discharge Incline Belt Conveyor (72" Incline) | 815/1015/1215 |
| 1   | M3-1-5-0060-1    | 1   | Incline Base Conveyor Weldment                                 | 585/700       |
|     | M3-1-10-0017-1   | 1   | Incline Base Conveyor Weldment                                 | 815/1015/1215 |
| 2   | 813-5013-Z       | 8   | 1/2-13 Nut   | 585 - 1215    |
| 3   | 810-5013-Z       | 4   | 1/2" Spin Lock Nut   | 585 - 1215    |
| 4   | M3-1-5-0044-1    | 2   | Front Conveyor Bearing Mount                                   | 585 - 1215    |
|     | See Page 134     | 1   | Bearing Mount Weldment (RH Power Magnet)                       | 585 - 1215    |
| 5   | 814-3118-Z       | 4   | 5/16-18 Indented Lock Nut                                      | 585 - 1215    |
| 6   | 14-0070          | 4   | 1-1/2" 4-Bolt Bearing Narrow Inner Race                        | 585 - 1215    |
| 7   | 822-0038-Z       | 2   | 3/8" Split Lock Washer (No Incline, LH Incline)                | 585 - 1215    |
| 8   | M3-1-8-0047      | 1   | Shaft Cover Weldment (No Incline, LH Incline)                  | 585 - 1215    |
| 9   | 810-5013-Z       | 4   | 1/2" Spin Lock Nut (No Incline, LH Incline)                    | 585 - 1215    |
| 10  | 851-3816-.75Z    | 2   | 3/8-16 x 3/4" Machine Bolt (No Incline, LH Incline)            | 585 - 1215    |
| 11  | M3-1-8-0048      | 1   | Shaft Cover Plate (No Incline, LH Incline)                     | 585 - 1215    |
| 12  | 805-0050-Z       | 4   | 1/2" Flat Washer (No Incline, LH Incline)                      | 585 - 1215    |
| 13  | 815-5013-Z       | 16  | 1/2-13 Nylon Lock Nut  | 585 - 1215    |
| 14  | 830-5013-4Z      | 4   | 1/2-13 x 4" Tap Bolt Full Threaded                             | 585 - 1215    |
| 15  | 850-3118-.75Z    | 4   | 5/16-18 x 3/4" Carriage Bolt                                   | 585 - 1215    |
| 16  | 23-0269          | 2   | Drive Pulley Urethane Lagged                                   | 585 - 1215    |

FRONT FLAT & INCLINE BASE BELT CONVEYOR (CONT'D)



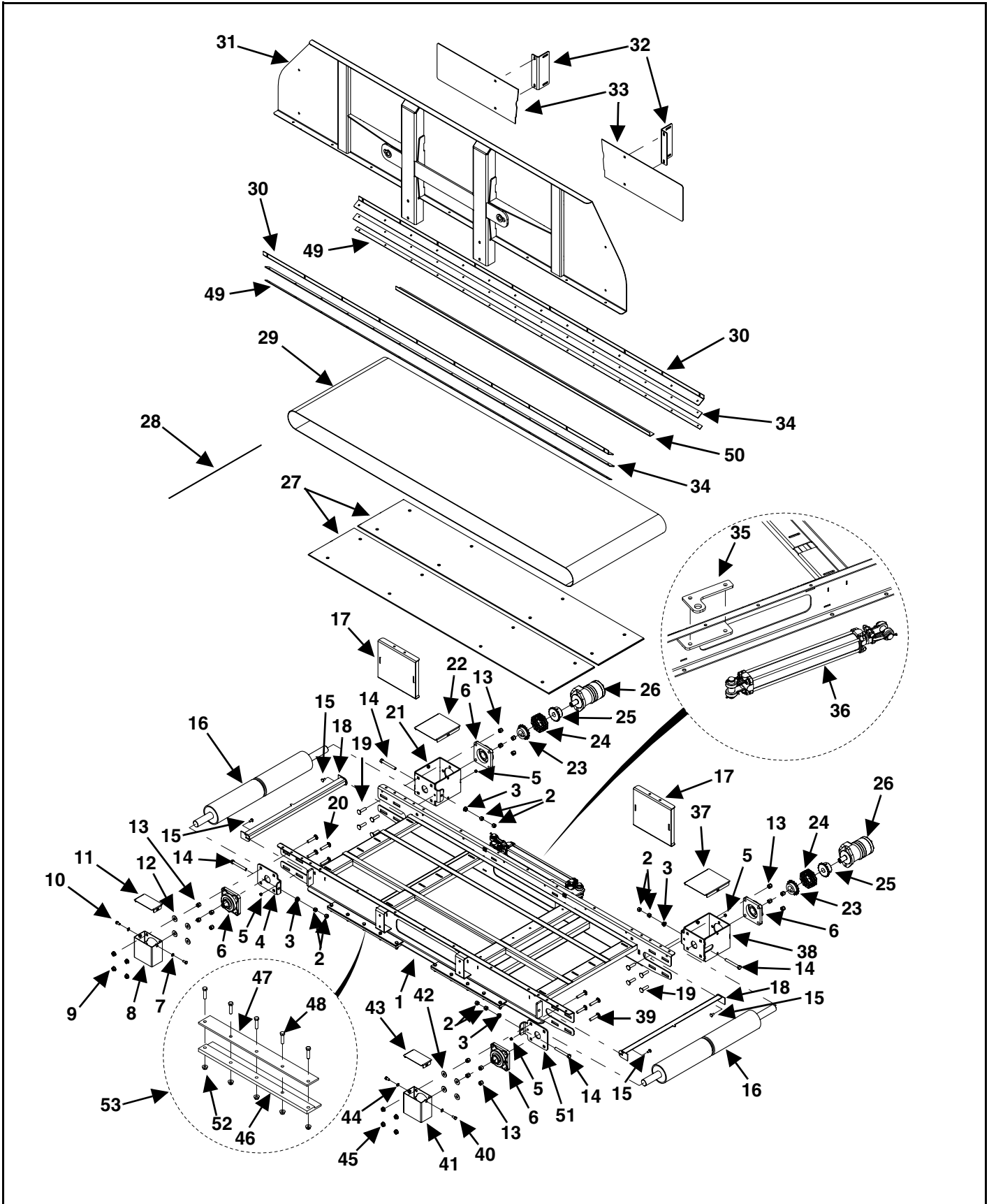
| KEY | PART NUMBER      | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|------------------|-----|--|---------------|
| 17  | M3-1-7-0051      | 2   | Conveyor Shield Weldment (Front Flat Sliding Conveyor Only)  | 585/700       |
|     | M3-1-10-0022     | 2   | Conveyor Shield Weldment (Front Flat Sliding Conveyor Only)  | 815/1015/1215 |
| 18  | M3-1-10-0023     | 2   | Conveyor Pulley Scraper                                      | 585 - 1215    |
| 19  | 850-5013-1.75Z   | 8   | 1/2-13 x 1-3/4" Carriage Bolt                                | 585 - 1215    |
| 20  | 850-5013-2.25Z   | 4   | 1/2-13 x 2-1/4" Carriage Bolt (No Incline, LH Incline)       | 585 - 1215    |
|     | 850-5013-1.75Z   | 4   | 1/2-13 x 1-3/4" Carriage Bolt (RH Incline)                   | 585 - 1215    |
| 21  | M3-1-8-0046      | 1   | Front Conveyor Motor Mount Weldment (No Incline, LH Incline) | 585 - 1215    |
|     | M3-1-5-0044-1    | 1   | Front Conveyor Bearing Mount (RH Incline)                    | 585 - 1215    |
|     | See Page 134     | 1   | Motor Mount Weldment (RH Power Magnet)                       | 585 - 1215    |
| 22  | M3-1-8-0045      | 1   | Chain Coupler Cover Plate (No Incline, LH Incline)           | 585 - 1215    |
|     | 851-3816-.75Z    | 2   | 3/8-16 x 3/4" Machine Bolt (No Incline, LH Incline)          | 585 - 1215    |
|     | 822-0038-Z       | 2   | 3/8" Split Lock Washer (No Incline, LH Incline)              | 585 - 1215    |
| 23  | 110-50B16-1.50-1 | 2   | Coupler Sprocket   | 585 - 1215    |
|     | 35-0006          | 2   | Key  | 585 - 1215    |
| 24  | 37-0013-2        | 2   | Coupler Chain  | 585 - 1215    |
| 25  | 37-0013-1        | 2   | Coupler Sprocket   | 585 - 1215    |
| 26  | See Page 40      | 2   | 12.1 Cubic Inch 2-Bolt Motor                                 | 585 - 1215    |
|     | 135-2525-1.25-1  | 2   | Key  | 585 - 1215    |
| 27  | M3-1-5-0060-3    | 2   | Front Belt Discharge Conveyor Floor                          | 585/700       |
|     | M3-1-10-0019     | 2   | Front Belt Discharge Conveyor Floor                          | 815/1015/1215 |
|     | 803-3118-1Z      | 16  | 5/16"-18 x 1" Flat Socket Head Cap Screw                     | 585 - 1215    |
|     | 805-0031-Z       | 16  | 5/16" Flat Washer  | 585 - 1215    |
|     | 815-3118-Z       | 16  | 5/16"-18 Nylon Insert Lock Nut                               | 585 - 1215    |
| 28  | 49-0156-4-AS     | 1   | Conveyor Belt Lacing Pin Kit                                 | 585 - 1215    |
| 29  | 49-0247-MB       | 1   | Front Conveyor Mini Bite Belt                                | 585/700       |
|     | 49-0156-MB       | 1   | Front Conveyor Mini Bite Belt                                | 815/1015/1215 |
| 30  | M3-1-5-0060-6    | 2   | Front Conveyor Skirt Bracket                                 | 585/700       |
|     | M3-1-10-0017-7   | 2   | Front Conveyor Skirt Bracket                                 | 815/1015/1215 |
| 31  | M3-1-5-0061      | 1   | Base Conveyor Front Panel Weldment                           | 585/700       |
|     | M3-1-10-0018     | 1   | Base Conveyor Front Panel Weldment                           | 815/1015/1215 |
| 32  | M3-1-7-0021      | 2   | Front Conveyor Shield Mounting Bracket                       | 585/700       |
|     | M3-1-8-0028      | 2   | Front Conveyor Shield Mounting Bracket                       | 815/1015/1215 |
| 33  | M3-1-7-0024      | 2   | Front Conveyor Shield  | 585/700       |
|     | M3-1-10-0009     | 1   | Front Conveyor Shield, Left (Flat Sliding Conveyors)         | 815/1015/1215 |
|     | M3-1-8-0012      | 1   | Front Conveyor Shield, Left (Front Incline Conveyors)        | 815/1015/1215 |
|     | M3-1-10-0008     | 1   | Front Conveyor Shield, Right (Flat Sliding Conveyors)        | 815/1015/1215 |
|     | M3-1-8-0013      | 1   | Front Conveyor Shield, Right (Front Incline Conveyors)       | 815/1015/1215 |
| 34  | 49-0339          | 2   | Base Conveyor Skirting                                       | 585/700       |
|     | 49-0336          | 2   | Base Conveyor Skirting                                       | 815/1015/1215 |

FRONT FLAT & INCLINE BASE BELT CONVEYOR (CONT'D)



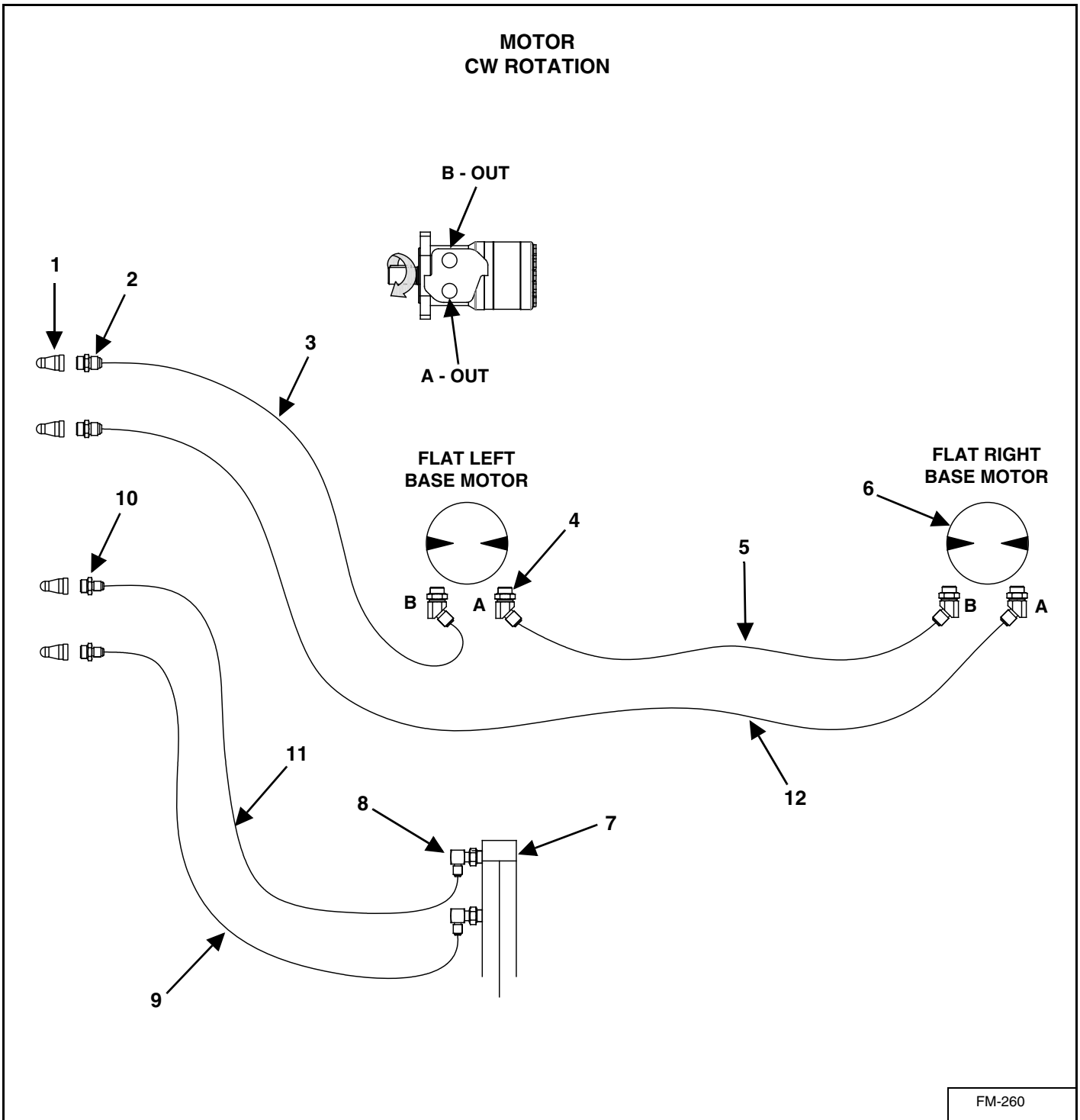
| KEY | PART NUMBER    | QTY | DESCRIPTION   | MIXER MODEL   |
|-----|----------------|-----|---|---------------|
| 35  | M3-1-8-0057    | 1   | Front Conveyor Cylinder Mount (Front Flat Sliding Conveyor Only)                                  | 585/700       |
|     | M3-1-8-0027    | 1   | Front Conveyor Cylinder Mount (Front Flat Sliding Conveyor Only)                                  | 815/1015/1215 |
|     | 851-5013-1.75Z | 2   | 1/2-13 x 1-3/4" Machine Bolt (Front Flat Sliding Conveyor Only)                                   | 585 - 1215    |
|     | 810-5013-Z     | 2   | 1/2" Spin Lock Nut (Front Flat Sliding Conveyor Only)   | 585 - 1215    |
| 36  | See Page 40    | 1   | 2" x 16" x 1-1/8" Hydraulic Cylinder (Front Flat Sliding Conveyor Only)                           | 585 - 1215    |
| 37  | M3-1-8-0045    | 1   | Chain Coupler Cover Plate (No Incline, RH Incline)  | 585 - 1215    |
|     | 851-3816-.75Z  | 2   | 3/8-16 x 3/4" Machine Bolt (No Incline, RH Incline)   | 585 - 1215    |
|     | 822-0038-Z     | 2   | 3/8" Split Lock Washer (No Incline, RH Incline)   | 585 - 1215    |
| 38  | M3-1-8-0046    | 1   | Front Conveyor Motor Mount Weldment (No Incline, RH Incline)                                      | 585 - 1215    |
|     | M3-1-5-0044-1  | 1   | Front Conveyor Bearing Mount (LH Incline)   | 585 - 1215    |
|     | See Page 134   | 1   | Motor Mount Weldment (LH Power Magnet)  | 585 - 1215    |
| 39  | 850-5013-2.25Z | 4   | 1/2-13 x 2-1/4" Carriage Bolt (No Incline, RH Incline)  | 585 - 1215    |
|     | 850-5013-1.75Z | 4   | 1/2-13 x 1-3/4" Carriage Bolt (LH Incline)  | 585 - 1215    |
| 40  | 851-3816-.75Z  | 2   | 3/8-16 x 3/4" Machine Bolt (No Incline, RH Incline)   | 585 - 1215    |
| 41  | M3-1-8-0047    | 1   | Shaft Cover Weldment (No Incline, RH Incline)   | 585 - 1215    |
| 42  | 805-0050-Z     | 4   | 1/2" Flat Washer (No Incline, RH Incline)   | 585 - 1215    |
| 43  | M3-1-8-0048    | 1   | Shaft Cover Plate (No Incline, RH Incline)  | 585 - 1215    |
| 44  | 822-0038-Z     | 2   | 3/8" Split Lock Washer (No Incline, RH Incline)   | 585 - 1215    |
| 45  | 810-5013-Z     | 4   | 1/2" Spin Lock Nut (No Incline, RH Incline)   | 585 - 1215    |
| 46  | VAM-CSK        | 1   | Conveyor Slide Update Kit (Flat Sliding Conveyor Only) Prior to SN 20VM(0585211, 0700204)         | 585/700       |
|     | M3-1-7-0056    | 4   | Conveyor Bottom Slide (Flat Sliding Conveyor Only) SN 20VM(0585211, 0700204) & Later              | 585/700       |
|     | VAL-CSK        | 1   | Conveyor Slide Update Kit (Flat Sliding Conveyor Only) Prior to SN 20VM(0815206, 1015208,1215201) | 815/1015/1215 |
|     | M3-1-8-0053    | 4   | Conveyor Bottom Slide (Flat Sliding Conveyor Only) SN 20VM(0815206, 1015208, 1215201) & Later     | 815/1015/1215 |
| 47  | VAM-CSK        | 1   | Conveyor Slide Update Kit (Flat Sliding Conveyor Only) Prior to SN 20VM(0585211, 0700204)         | 585/700       |
|     | M3-1-7-0057    | 4   | Conveyor Slide Cap (Flat Sliding Conveyor Only) SN 20VM(0585211, 0700204) & Later                 | 585/700       |
|     | VAL-CSK        | 1   | Conveyor Slide Update Kit (Flat Sliding Conveyor Only) Prior to SN 20VM(0815206, 1015208,1215201) | 815/1015/1215 |
|     | M3-1-8-0052    | 4   | Conveyor Slide Cap (Flat Sliding Conveyor Only) SN 20VM(0815206, 1015208, 1215201) & Later        | 815/1015/1215 |
| 48  | 851-3816-1.5Z  | 20  | 3/8"-16 x 1-1/2" Hex Cap Screw  | 585 - 1215    |
| 49  | M3-1-5-0060-7  | 2   | Front Conveyor Skirt Backer   | 585/700       |
|     | M3-1-10-0017-8 | 2   | Front Conveyor Skirt Backer   | 815/1015/1215 |
| 50  | M3-1-5-0060-2  | 1   | Floor Seal  | 585/700       |
|     | M3-1-10-0017-4 | 1   | Floor Seal  | 815/1015/1215 |

FRONT FLAT & INCLINE BASE BELT CONVEYOR (CONT'D)



| KEY | PART NUMBER    | QTY | DESCRIPTION   | MIXER MODEL   |
|-----|----------------|-----|---|---------------|
| 51  | M3-1-5-0044-1  | 1   | Front Conveyor Bearing Mount  | 585 - 1215    |
|     | See Page 134   | 1   | Bearing Mount Weldment (LH Power Magnet)  | 585 - 1215    |
| 52  | 810-3816-Z     | 20  | 3/8" -16 Spin Lock Nut  | 585 - 1215    |
| 53  | VAM-CSK        | 1   | Conveyor Slide Update Kit (Flat Sliding Conveyor Only) Prior to SN 20VM(0585211, 0700204)               | 585/700       |
|     | M3-1-7-0056-AS | 4   | Conveyor Bottom Slide With Cap & Hardware (Flat Sliding Conveyor Only) SN 20VM(0585211, 0700204)& Later | 585/700       |
|     | VAL-CSK        | 1   | Conveyor Slide Update Kit (Flat Sliding Conveyor Only) Prior to SN 20VM(0815206, 1015208,1215201)       | 815/1015/1215 |
|     | M3-1-8-0053-AS | 4   | Conveyor Bottom Slide With Cap & Hardware SN 20VM(0815206, 1015208, 1215201) & Later                    | 815/1015/1215 |

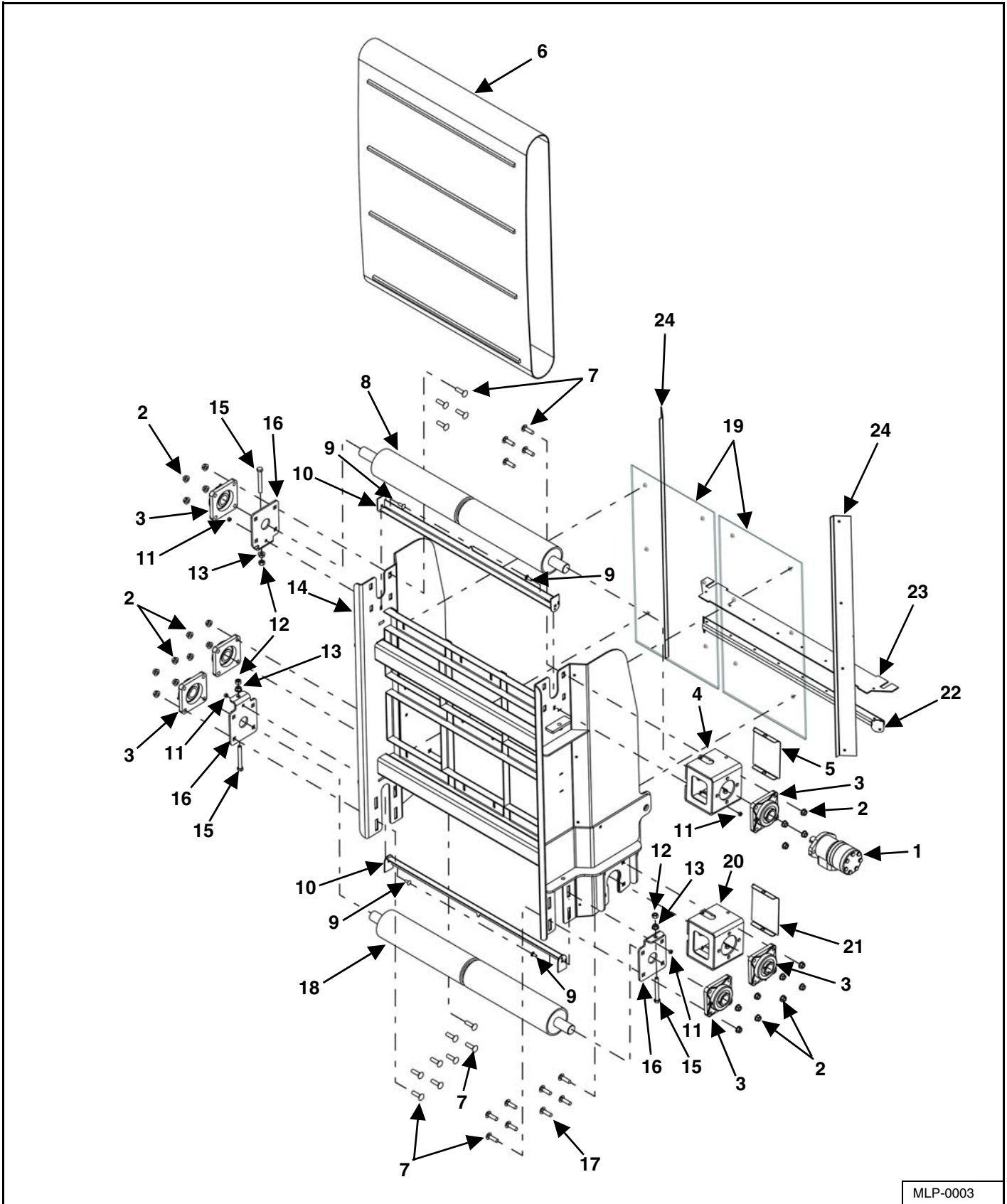
# FRONT FLAT BELT CONVEYOR HYDRAULIC SCHEMATIC





| KEY | PART NUMBER       | QTY | DESCRIPTION   | MIXER MODEL   |
|-----|-------------------|-----|---|---------------|
| 1   | 155-8010-15       | 4   | #8 ORB Male Tip 1/2" Body Size  | 585 - 1215    |
| 2   | 155-6400-8-8      | 2   | #8 JIC Male, #8 ORB Male Straight Connector                                 | 585 - 1215    |
| 3   | 155-08R17-189-1   | 1   | 1/2" x 189" Hose Assembly   | 585/700       |
|     | 155-08R17-208-1   | 1   | 1/2" x 208" Hose Assembly   | 815/1015/1215 |
| 4   | 155-6802-8-10     | 4   | #8 JIC Male, #10 ORB Male Adjustable 45°                                    | 585 - 1215    |
| 5   | 155-08R17-166-1   | 1   | 1/2" x 166" Hose Assembly   | 585/700       |
|     | 155-08R17-189-1   | 1   | 1/2" x 189" Hose Assembly   | 815/1015/1215 |
| 6   | 155-WR-12.1-1     | 2   | 12.1 Cubic Inch 2-Bolt Motor  | 585 - 1215    |
|     | 155-WR-SK-1       | AR  | Motor Seal Kit  | 585 - 1215    |
| 7   | 155-2-16-1.125-2  | 1   | 2" x 16" x 1-1/8" Hydraulic Cylinder, Modified Port                         | 585 - 1215    |
|     | 155-2-1.125-1-DSK | 1   | Cylinder Seal Kit   | 585 - 1215    |
| 8   | 155-6801-6-8      | 2   | #6 JIC Male, #8 ORB Male Adjustable 90°                                     | 585 - 1215    |
| 9   | 155-04R17-185-1   | 1   | 1/4" x 185" Hose Assembly   | 585/700       |
|     | 155-04R17-197-1   | 1   | 1/4" x 197" Hose Assembly (Single Axle & LH Discharge Tandem Axle Trailers) | 815/1015/1215 |
|     | 155-04R17-218-1   | 1   | 1/4" x 218" Hose Assembly (RH Discharge Tandem Axle Trailer)                | 815/1015/1215 |
| 10  | 155-6400-6-8      | 2   | #6 JIC Male, #8 ORB Male Straight Connector                                 | 585 - 1215    |
| 11  | 155-04R17-173-1   | 1   | 1/4" x 173" Hose Assembly   | 585/700       |
|     | 155-04R17-197-1   | 1   | 1/4" x 197" Hose Assembly (Single Axle & LH Discharge Tandem Axle Trailers) | 815/1015/1215 |
|     | 155-04R17-233-1   | 1   | 1/4" x 233" Hose Assembly (RH Discharge Tandem Axle Trailer)                | 815/1015/1215 |
| 12  | 155-08R17-189-1   | 1   | 1/2" x 189" Hose Assembly   | 585/700       |
|     | 155-08R17-208-1   | 1   | 1/2" x 208" Hose Assembly   | 815/1015/1215 |

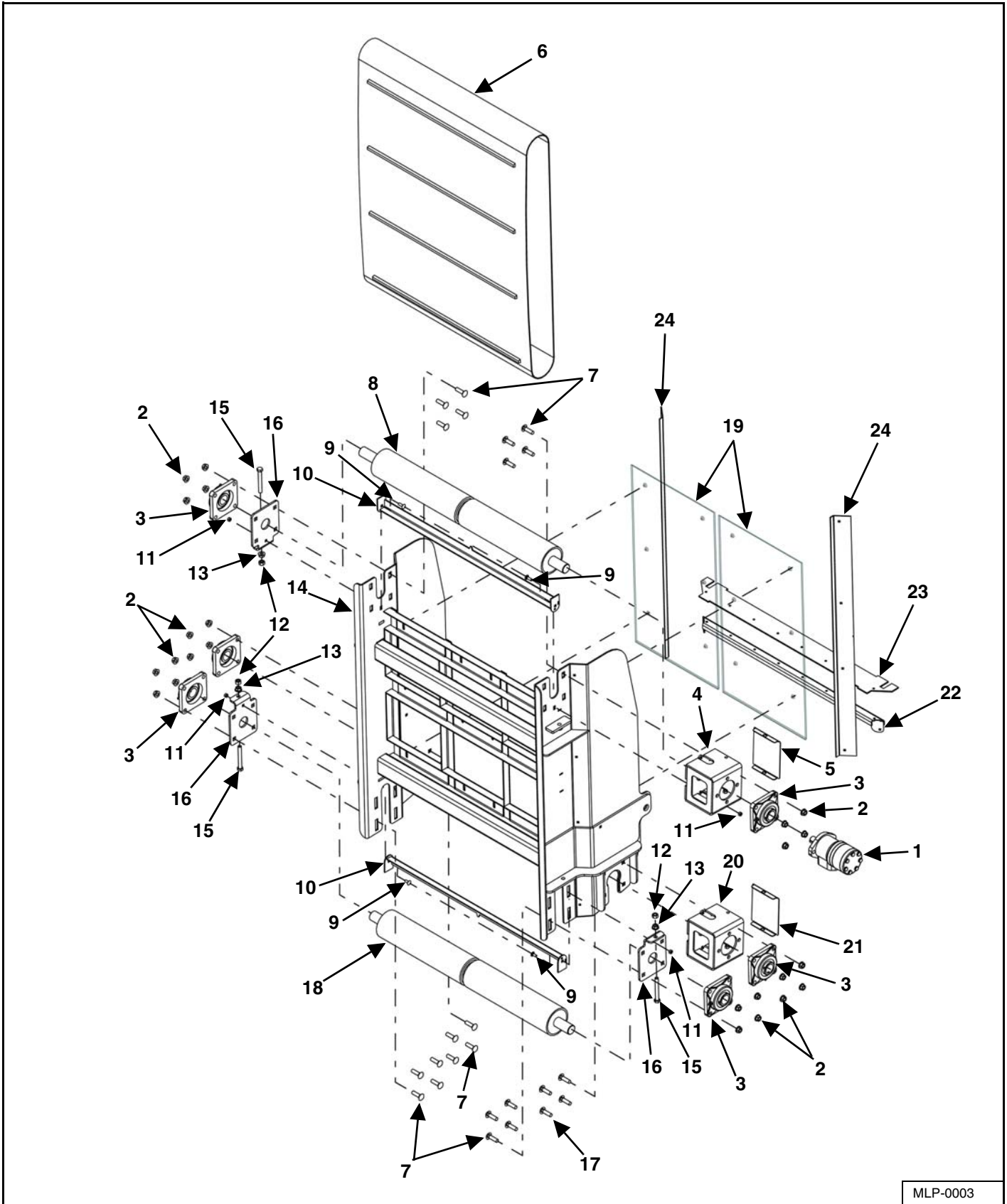
# FRONT INCLINE BELT CONVEYOR



MLP-0003

| KEY | PART NUMBER    | QTY | DESCRIPTION   | MIXER MODEL   |
|-----|----------------|-----|---|---------------|
| 0   | VAM-FDB-LI36K  | 1   | 36" Front LH Belt Conveyor, Incline Section Only Kit    | 585/700       |
|     | VAM-FDB-RI36K  | 1   | 36" Front RH Belt Conveyor, Incline Section Only Kit    | 585/700       |
|     | VAM-FDB-LI48K  | 1   | 48" Front LH Belt Conveyor, Incline Section Only Kit    | 585/700       |
|     | VAM-FDB-RI48K  | 1   | 48" Front RH Belt Conveyor, Incline Section Only Kit    | 585/700       |
|     | VAL-FDB-LI36K  | 1   | 36" Front LH Belt Conveyor, Incline Section Only Kit    | 815/1015/1215 |
|     | VAL-FDB-RI36K  | 1   | 36" Front RH Belt Conveyor, Incline Section Only Kit    | 815/1015/1215 |
|     | VAL-FDB-LI48K  | 1   | 48" Front LH Belt Conveyor, Incline Section Only Kit    | 815/1015/1215 |
|     | VAL-FDB-RI48K  | 1   | 48" Front RH Belt Conveyor, Incline Section Only Kit    | 815/1015/1215 |
|     | VAL-FDB-LI72K  | 1   | 72" Front LH Belt Conveyor, Incline Section Only Kit    | 815/1015/1215 |
|     | VAL-FDB-RI72K  | 1   | 72" Front RH Belt Conveyor, Incline Section Only Kit    | 815/1015/1215 |
| 1   | See Page 46    | 1   | 7.9 Cubic Inch 2-Bolt Motor                             | 585 - 1215    |
| 2   | 810-5013-Z     | 24  | 1/2" Spin Lock Nut                                      | 585 - 1215    |
| 3   | 14-0070        | 6   | 1-1/2" 4-Bolt Bearing Narrow Inner Race                 | 585 - 1215    |
| 4   | M3-1-5-0049    | 1   | Conveyor Motor Mount Weldment                           | 585 - 1215    |
| 5   | M3-1-8-0006    | 1   | Coupler Cover Plate                                     | 585 - 1215    |
|     | 851-3816-.75Z  | 2   | 3/8-16 x 3/4" Machine Bolt                              | 585 - 1215    |
|     | 822-0038-Z     | 2   | 3/8" Split Lock Washer                                  | 585 - 1215    |
| 6   | 49-0232-MB     | 1   | 24" Incline Mini Bite Belt                              | 585 - 1215    |
|     | 49-0168-MB     | 1   | 36" Incline Mini Bite Belt                              | 585 - 1215    |
|     | 49-0195-MB     | 1   | 48" Incline Mini Bite Belt                              | 585 - 1215    |
|     | 49-0196-MB     | 1   | 60" Incline Mini Bite Belt                              | 585 - 1215    |
|     | 49-0216-MB     | 1   | 72" Incline Mini Bite Belt                              | 585 - 1215    |
|     | 49-0156-4-AS   | 1   | Conveyor Belt Lacing Pin Kit                            | 585 - 1215    |
| 7   | 850-5013-1.75Z | 20  | 1/2-13 x 1-3/4" Carriage Bolt                           | 585 - 1215    |
| 8   | 23-0251        | 1   | Drive Pulley Urethane Lagged                            | 585 - 1215    |
| 9   | 850-3118-1Z    | 4   | 5/16-18 x 1" Carriage Bolt                              | 585 - 1215    |
| 10  | M3-1-10-0023   | 2   | Conveyor Pulley Scraper                                 | 585 - 1215    |
| 11  | 814-3118-Z     | 4   | 5/16-18 Indented Lock Nut                               | 585 - 1215    |
| 12  | 813-5013-Z     | 3   | 1/2-13 Nut  | 585 - 1215    |
| 13  | 810-5013-Z     | 3   | 1/2" Spin Lock Nut                                      | 585 - 1215    |
| 14  | M3-1-5-0063-1  | 1   | 24" Front Incline Belt Conveyor, Incline Frame Weldment | 585 - 1215    |
|     | M3-1-5-0041-1  | 1   | 36" Front Incline Belt Conveyor, Incline Frame Weldment | 585 - 1215    |
|     | M3-1-5-0051-1  | 1   | 48" Front Incline Belt Conveyor, Incline Frame Weldment | 585 - 1215    |
|     | M3-1-5-0064-1  | 1   | 60" Front Incline Belt Conveyor, Incline Frame Weldment | 585 - 1215    |
|     | M3-1-5-0065-1  | 1   | 72" Front Incline Belt Conveyor, Incline Frame Weldment | 585 - 1215    |
| 15  | 830-5013-4Z    | 3   | 1/2-13 x 4" Tap Bolt Full Threaded                      | 585 - 1215    |
| 16  | M3-1-5-0044-1  | 3   | Front Conveyor Bearing Mount                            | 585 - 1215    |
| 17  | 850-5013-2Z    | 4   | 1/2-13 x 2" Carriage Bolt                               | 585 - 1215    |

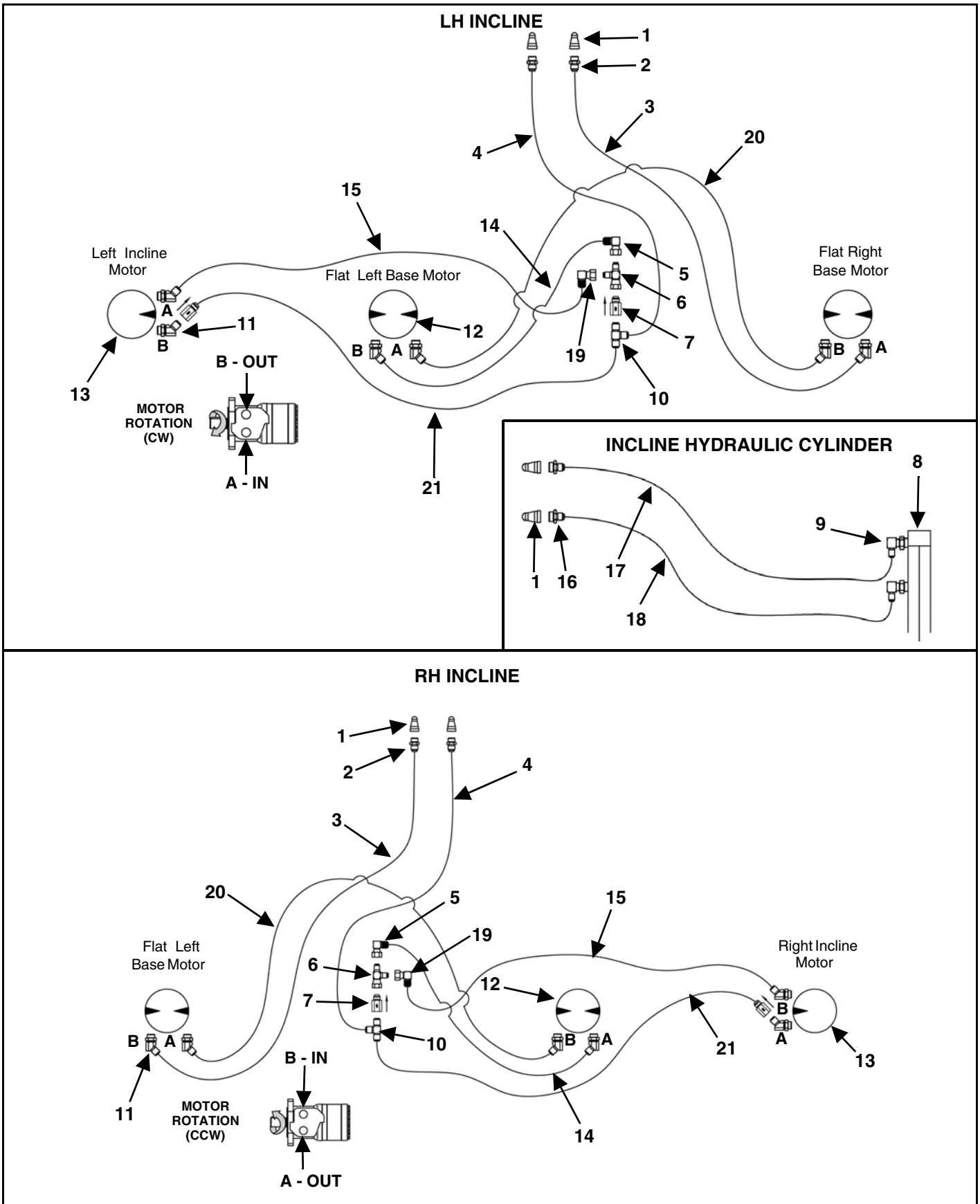
FRONT INCLINE BELT CONVEYOR (CONT'D)



MLP-0003

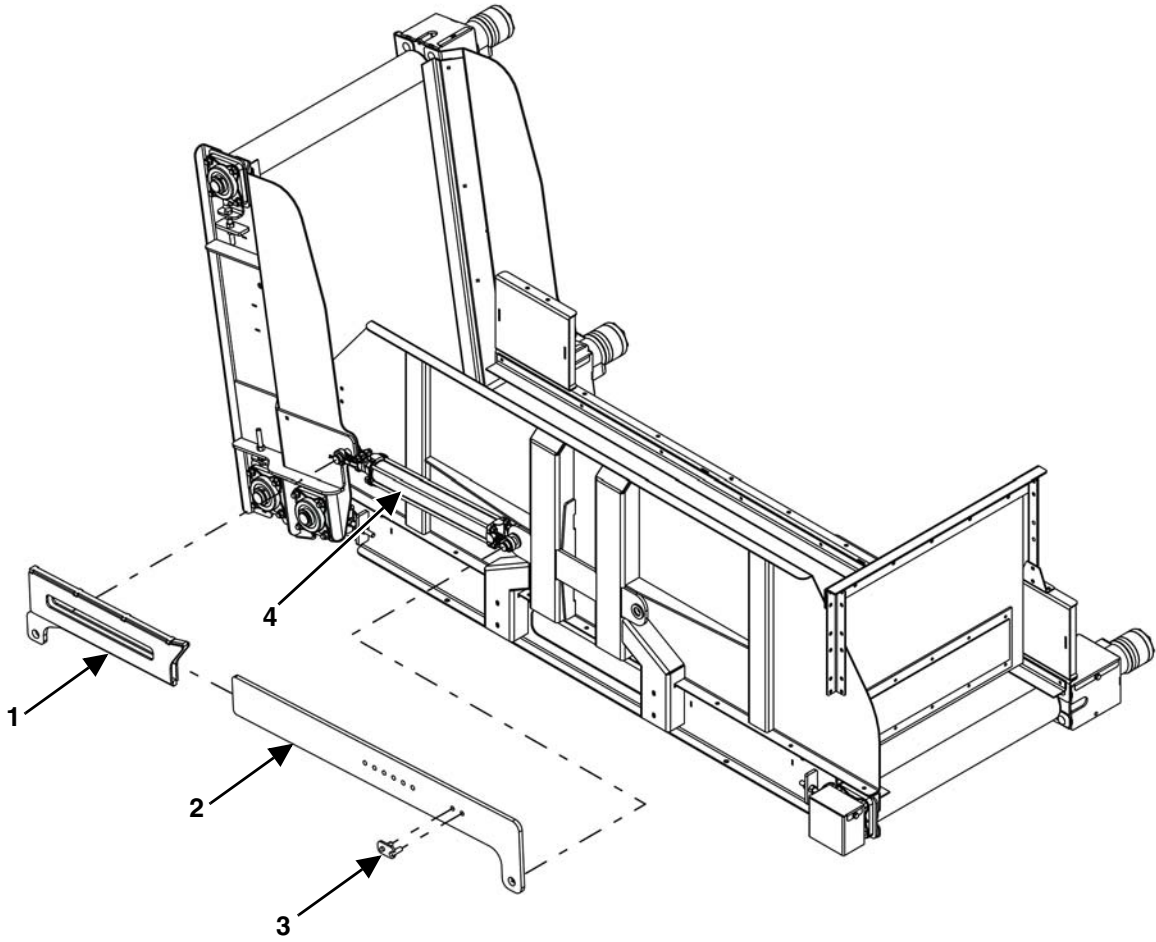
| KEY | PART NUMBER   | QTY | DESCRIPTION                             | MIXER MODEL |
|-----|---------------|-----|---|-------------|
| 18  | 23-0257       | 1   | Idler Pulley                            | 585 - 1215  |
| 19  | M3-1-4-0075   | 2   | 24" Incline Floor                       | 585 - 1215  |
|     | M3-1-4-0036   | 2   | 36" Incline Floor                       | 585 - 1215  |
|     | M3-1-4-0048   | 2   | 36" Incline Floor                       | 585 - 1215  |
|     | M3-1-4-0052   | 2   | 60" Incline Floor                       | 585 - 1215  |
|     | M3-1-4-0058   | 2   | 72" Incline Floor                       | 585 - 1215  |
| 20  | M3-1-8-0034   | 1   | Conveyor Motor Mount Weldment           | 585 - 1215  |
| 21  | M3-1-8-0006   | 1   | Coupler Cover Plate                     | 585 - 1215  |
| 22  | M3-1-5-0041-3 | 1   | Incline Belt Conveyor Seal Weldment     | 585 - 1215  |
| 23  | 49-0241       | 1   | Incline Belt Conveyor Seal              | 585 - 1215  |
| 24  | M3-1-5-0063-2 | 2   | 24" Incline Conveyor Side Skirt Bracket | 585 - 1215  |
|     | M3-1-5-0041-2 | 2   | 36" Incline Conveyor Side Skirt Bracket | 585 - 1215  |
|     | M3-1-5-0051-2 | 2   | 48" Incline Conveyor Side Skirt Bracket | 585 - 1215  |
|     | M3-1-5-0064-2 | 2   | 60" Incline Conveyor Side Skirt Bracket | 585 - 1215  |
|     | M3-1-5-0065-2 | 2   | 72" Incline Conveyor Side Skirt Bracket | 585 - 1215  |
|     | 49-0231       | 2   | 24" Incline Conveyor Side Skirting      | 585 - 1215  |
|     | 49-0169       | 2   | 36" Incline Conveyor Side Skirting      | 585 - 1215  |
|     | 49-0194       | 2   | 48" Incline Conveyor Side Skirting      | 585 - 1215  |
|     | 49-0197       | 2   | 60" Incline Conveyor Side Skirting      | 585 - 1215  |
|     | 49-0217       | 2   | 72" Incline Conveyor Side Skirting      | 585 - 1215  |

# FRONT INCLINE BELT CONVEYOR HYDRAULIC SCHEMATIC



| KEY | PART NUMBER       | QTY | DESCRIPTION                                       | MIXER MODEL   |
|-----|-------------------|-----|---|---------------|
| 1   | 155-8010-15       | 4   | #8 ORB Male Tip 1/2" Body Size                    | 585 - 1215    |
| 2   | 155-6400-8-8      | 2   | #8 JIC Male, #8 ORB Male Straight Connector       | 585 - 1215    |
| 3   | 155-08R17-189-1   | 1   | 1/2" x 189" Hose Assembly                         | 585/700       |
|     | 155-08R17-208-1   | 1   | 1/2" x 208" Hose Assembly                         | 815/1015/1215 |
| 4   | 155-08R17-159-1   | 1   | 1/2" x 159" Hose Assembly                         | 585/700       |
|     | 155-08R17-133-1   | 1   | 1/2" x 133" Hose Assembly                         | 815/1015/1215 |
| 5   | 155-6500-08-08    | 1   | #8 JIC Male, #8 JIC Female Swivel 90°             | 585 - 1215    |
| 6   | 155-6602-08-08-08 | 1   | #8 MJ x #8 FJS x #8 MJ Tee                        | 585 - 1215    |
| 7   | 155-CV-8-1        | 2   | Check Valve                                       | 585 - 1215    |
| 8   | 155-2-16-1.125-1  | 1   | 2" x 16" x 1-1/8" Hydraulic Cylinder              | 585 - 1215    |
|     | 155-2-1.125-1-DSK | 1   | Cylinder Seal Kit                                 | 585 - 1215    |
| 9   | 155-6801-6-8-55   | 2   | #6 x #8 90° Adjustable Elbow with 0.055" Orifice  | 585 - 1215    |
| 10  | 155-2603-08-08-08 | 1   | #8 x #8 x #8 JIC Male Tube Tee                    | 585 - 1215    |
| 11  | 155-6802-8-10     | 6   | #8 JIC Male, #10 ORB Male Adjustable 45°          | 585 - 1215    |
| 12  | 155-WR-12.1-1     | 2   | 12.1 Cubic Inch 2-Bolt Motor                      | 585 - 1215    |
|     | 155-WR-SK-1       | AR  | Motor Seal Kit                                    | 585 - 1215    |
| 13  | 155-WR-7.9-1      | 1   | 7.9 Cubic Inch 2-Bolt Motor                       | 585 - 1215    |
|     | 155-WR-SK-1       | AR  | Motor Seal Kit                                    | 585 - 1215    |
| 14  | 155-08R17-57-1    | 1   | 1/2" x 57" Hose Assembly                          | 585/700       |
|     | 155-08R17-81-1    | 1   | 1/2" x 81" Hose Assembly                          | 815/1015/1215 |
| 15  | 155-08R17-75-1    | 2   | 1/2" x 75" Hose Assembly (36" Incline)            | 585/700       |
|     | 155-08R17-87-1    | 2   | 1/2" x 87" Hose Assembly (48" Incline)            | 585/700       |
|     | 155-08R17-99-1    | 2   | 1/2" x 99" Hose Assembly (60" Incline)            | 585/700       |
|     | 155-08R17-117-1   | 2   | 1/2" x 117" Hose Assembly (36" Incline)           | 815/1015/1215 |
|     | 155-08R17-129-1   | 2   | 1/2" x 129" Hose Assembly (48" Incline)           | 815/1015/1215 |
|     | 155-08R17-153-1   | 2   | 1/2" x 153" Hose Assembly (72" Incline)           | 815/1015/1215 |
| 16  | 155-6400-6-8      | 2   | #6 x JIC Male Tube #8 ORB Male Straight Connector | 585 - 1215    |
| 17  | 155-04R17-121-1   | 1   | 1/4" x 121" Hose Assembly                         | 585 - 1215    |
| 18  | 155-04R17-102-1   | 1   | 1/4" x 102" Hose Assembly                         | 585 - 1215    |
| 19  | 155-6500-08-08    | 1   | #8 JIC Male, #8 JIC Female Swivel 90°             | 815/1015/1215 |
| 20  | 155-08R17-166-1   | 1   | 1/2" x 166" Hose Assembly                         | 585/700       |
|     | 155-08R17-189-1   | 1   | 1/2" x 189" Hose Assembly                         | 815/1015/1215 |
| 21  | 155-08R17-69-1    | 2   | 1/2" x 69" Hose Assembly (36" Incline)            | 585/700       |
|     | 155-08R17-81-1    | 2   | 1/2" x 81" Hose Assembly (48" Incline)            | 585/700       |
|     | 155-08R17-93-1    | 2   | 1/2" x 93" Hose Assembly (60" Incline)            | 585/700       |
|     | 155-08R17-117-1   | 2   | 1/2" x 117" Hose Assembly (36" Incline)           | 815/1015/1215 |
|     | 155-08R17-129-1   | 2   | 1/2" x 129" Hose Assembly (48" Incline)           | 815/1015/1215 |
|     | 155-08R17-153-1   | 2   | 1/2" x 153" Hose Assembly (72" Incline)           | 815/1015/1215 |

# FRONT INCLINE BELT CONVEYOR STOP

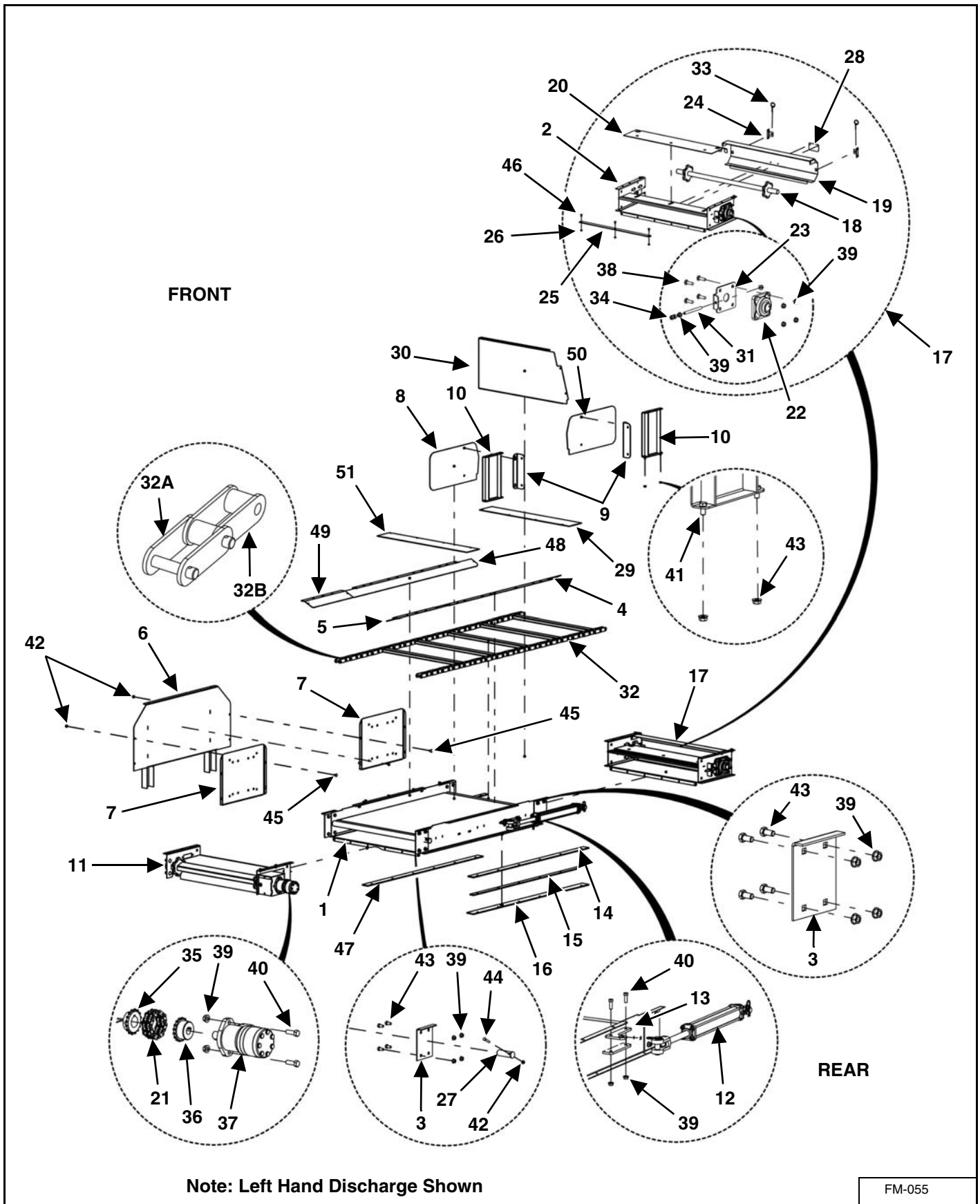


FM-066A



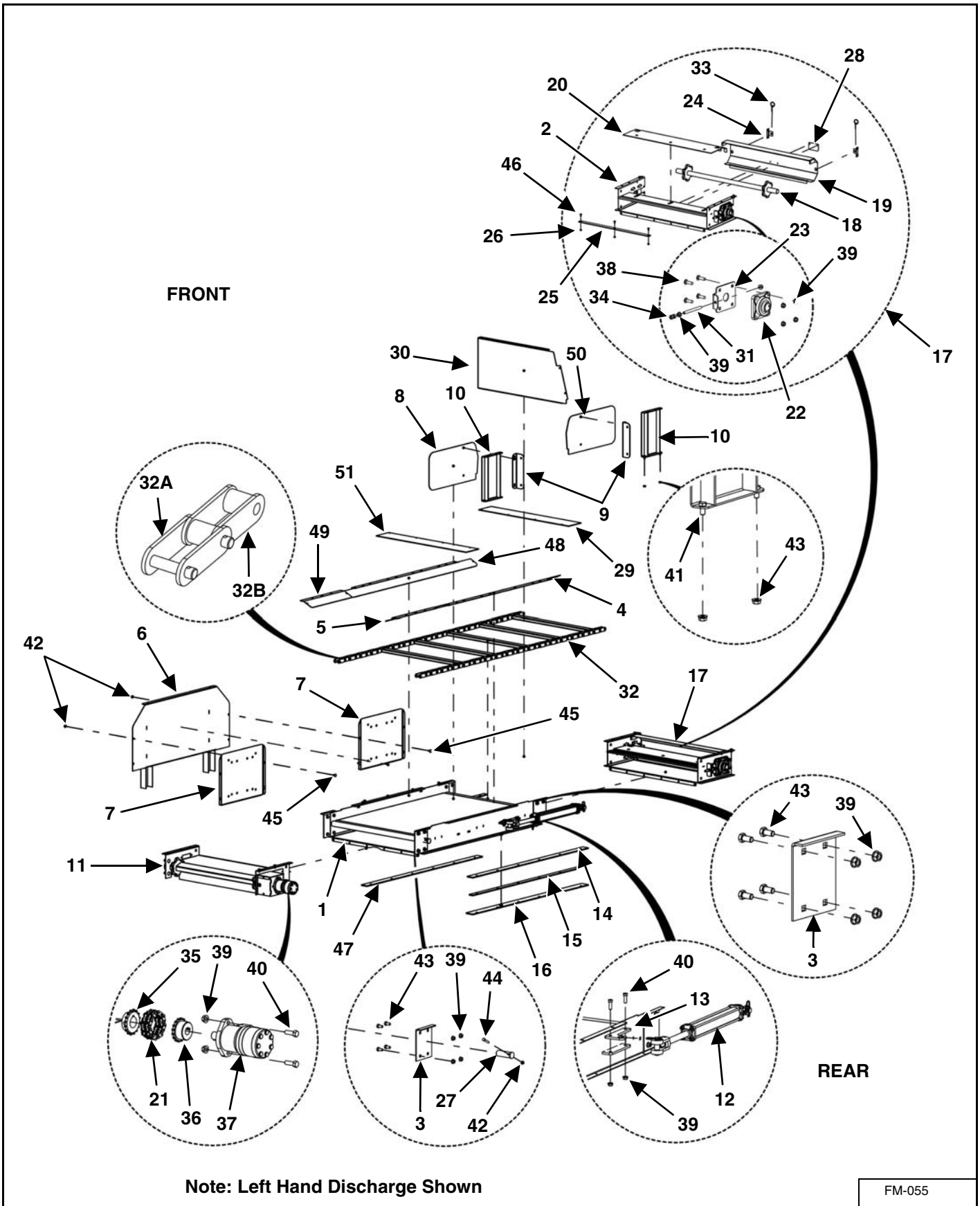
| KEY | PART NUMBER      | QTY | DESCRIPTION                           | MIXER MODEL |
|-----|------------------|-----|---------------------------------------|-------------|
| 0   | VA-IBCS          | 1   | Incline Belt Conveyor Stop            | 585 - 1215  |
| 1   | M3-1-5-0070      | 1   | Incline Conveyor Stop Slider Weldment | 585 - 1215  |
| 2   | M3-1-5-0052      | 1   | Incline Conveyor Stop Bar             | 585 - 1215  |
| 3   | M3-1-5-0055      | 1   | Belt Conveyor Stop Weldment           | 585 - 1215  |
|     | 32-0019          | 1   | Hair Spring Cotter Pin                | 585 - 1215  |
| 4   | See Page 46 & 58 | 1   | 2" x 16" x 1-1/8" Hydraulic Cylinder  | 585 - 1215  |

# FRONT FLAT & INCLINE CHAIN CONVEYOR ASSEMBLY



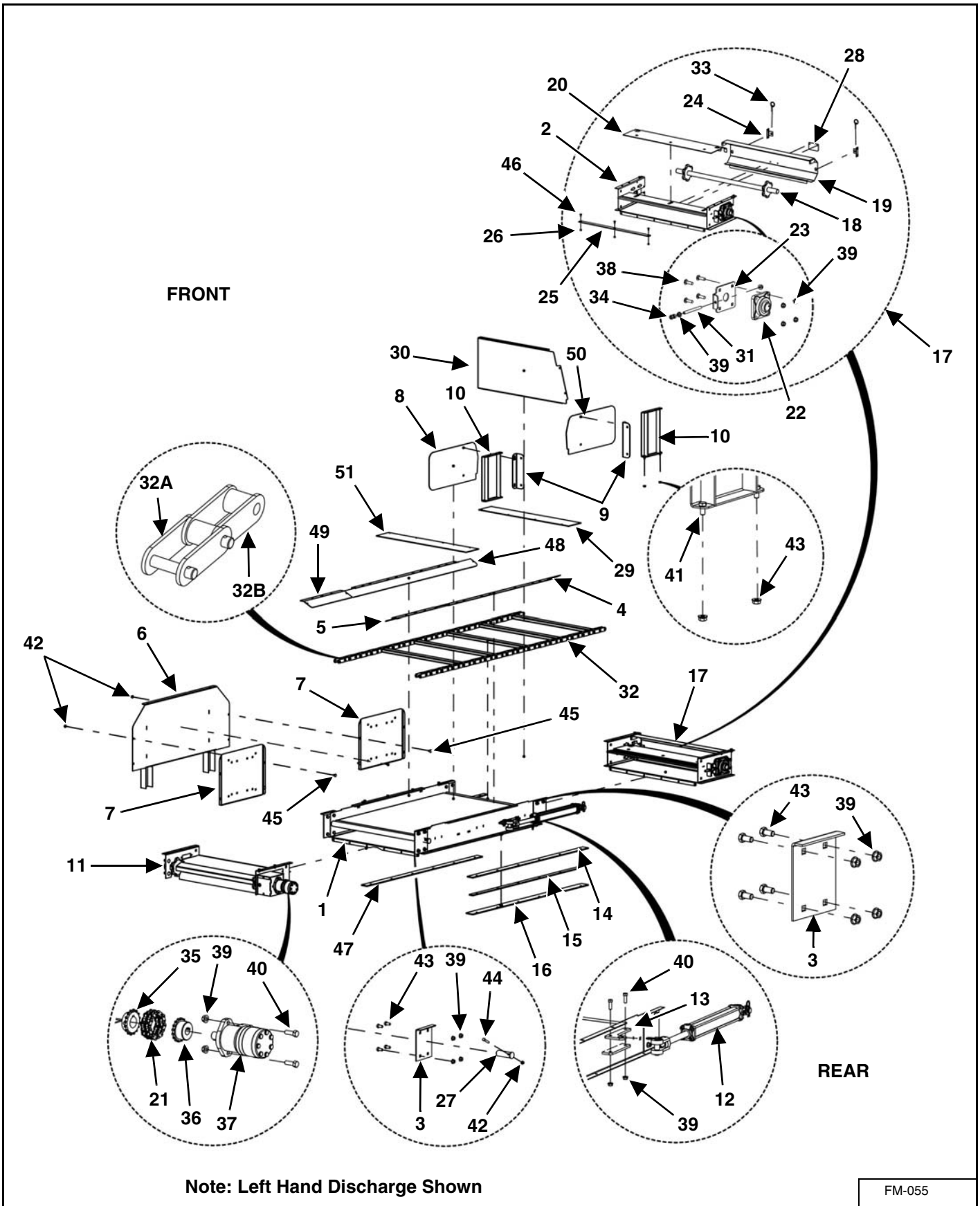
| KEY | PART NUMBER   | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|---------------|-----|--|---------------|
| 1   | M3-1-5-0001-1 | 1   | Front Conveyor-Center Section Weldment, Flat                       | 585/700       |
|     | M3-1-10-0003  | 1   | Front Conveyor-Center Section Weldment, Flat                       | 815/1015/1215 |
| 2   | M3-1-5-0002-1 | 1   | Front Conveyor Panel Weldment                                      | 585-1215      |
| 3   | M3-1-7-0014   | 4   | Front Conveyor Connecting Plate                                    | 585-1215      |
| 4   | M3-1-5-0022   | 1   | Conveyor Chain Cover, Flat (LH Discharge-Rear, RH Discharge-Front) | 585/700       |
|     | M3-1-10-0005  | 1   | Conveyor Chain Cover, Flat (LH Discharge-Rear, RH Discharge-Front) | 815/1015/1215 |
| 5   | M3-1-5-0012   | 1   | Conveyor Chain Cover, Flat (LH Discharge-Rear, RH Discharge-Front) | 585 - 1215    |
| 6   | M3-1-5-0009   | 1   | Front Conveyor Panel Weldment                                      | 585/700       |
|     | M3-1-10-0004  | 1   | Front Conveyor Panel Weldment                                      | 815/1015/1215 |
| 7   | M3-1-5-0010   | 2   | Front Conveyor Panel   | 585-1215      |
| 8   | M3-1-7-0024   | 2   | Front Conveyor Shield, Flat  | 585/700       |
|     | M3-1-7-0028   | 1   | Front Conveyor Shield, Incline (Left Discharge)                    | 585/700       |
|     | M3-1-10-0009  | 1   | Front Conveyor Shield, Flat  | 815/1015/1215 |
|     | M3-1-8-0029   | 1   | Front Conveyor Shield, Incline (Left Discharge)                    | 815/1015/1215 |
|     | M3-1-10-0007  | 1   | Front Conveyor Shield, Incline (Right Discharge)                   | 815/1015/1215 |
| 9   | M3-1-7-0021   | 2   | Front Shield Mounting Bracket                                      | 585/700       |
|     | M3-1-8-0028   | 2   | Front Shield Mounting Bracket                                      | 815/1015/1215 |
| 10  | M3-1-7-0023   | 2   | Conveyor Shield Assembly   | 585/700       |
|     | M3-1-10-0010  | 2   | Conveyor Shield Assembly   | 815/1015/1215 |

FRONT FLAT & INCLINE CHAIN CONVEYOR ASSEMBLY (CONT'D)



| KEY | PART NUMBER      | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|------------------|-----|--|---------------|
| 11  | See Page 56      | 1   | Front Flat & Incline Conveyor Assembly             | 585-1215      |
| 12  | See Page 58 & 60 | 1   | Hydraulic Cylinder                                 | 585-1215      |
|     | 33-0309          | 1   | Cylinder Pin Spacer, Flat & Incline                | 585-1215      |
| 13  | M3-1-8-0011      | 1   | Front Conveyor Cylinder Mount                      | 585/700       |
|     | M3-1-8-0027      | 1   | Front Conveyor Cylinder Mount                      | 815/1015/1215 |
| 14  | M3-1-7-0020      | 2   | Conveyor Slide Cap                                 | 585/700       |
|     | M3-1-8-0009      | 2   | Conveyor Slide Cap                                 | 815/1015/1215 |
| 15  | M3-1-7-0019      | 1   | Conveyor Middle Slide Rear                         | 585/700       |
|     | M3-1-8-0008      | 1   | Conveyor Middle Slide Rear                         | 815/1015/1215 |
| 16  | M3-1-7-0018      | 2   | Conveyor Bottom Slide                              | 585/700       |
|     | M3-1-8-0007      | 2   | Conveyor Bottom Slide                              | 815/1015/1215 |
| 17  | M3-1-5-0002      | 1   | Front Conveyor Extension Assembly                  | 585-1215      |
| 18  | 23-0255          | 1   | Conveyor Idler Shaft Assembly                      | 585-1215      |
| 19  | M3-1-7-0005      | 1   | Conveyor Extension Chain Guard                     | 585-1215      |
| 20  | M3-1-7-0013      | 1   | Extension Sprocket Cover                           | 585-1215      |
| 21  | 37-0013-2        | 1   | Unit Coupler Chain #50 16 Double W/Connector       | 585-1215      |
| 22  | 14-0070          | 4   | 1-1/2" 4 Bolt Bearing                              | 585-1215      |
| 23  | M3-1-8-0002      | 2   | Front Conveyor Bearing Mount                       | 585-1215      |
| 24  | M3-1-7-0034      | 2   | Conveyor Extension Cover Latch                     | 585-1215      |
| 25  | M3-1-4-0029      | 1   | 36" Extension Adjustment Bracket Weldment          | 585-1215      |
| 26  | 813-3118         | 3   | 5/16-18 Hex Nut Plain                              | 585-1215      |
| 27  | M3-1-5-0004-2    | 2   | Hinge Pin, Incline                                 | 585-1215      |
| 28  | M3-1-7-0005-2    | 1   | Conveyor Extension Cover Handle                    | 585-1215      |
| 29  | 49-0184          | 1   | Front Left Discharge Conveyor Chain Cover, Incline | 585-1215      |
| 30  | M3-1-7-0011      | 1   | Conveyor Cross Panel – Incline, LH                 | 585/700       |
|     | M3-1-7-0027      | 1   | Conveyor Cross Panel – Incline, RH                 | 585/700       |
|     | M3-1-10-0001     | 1   | Conveyor Cross Panel – Incline                     | 815/1015/1215 |
| 31  | 830-5013-4Z      | 2   | Tap Bolt, 1/2-13 x 4"                              | 585-1215      |
| 32  | 11-0505          | 1   | Front Discharge, 36" Flat Conveyor 81x Chain       | 585/700       |
|     | 11-0506          | 1   | Front Discharge, 36" Flat Conveyor 81x Chain       | 815/1015/1215 |
| 32A | 11-0272-4        | AR  | 81X Connector Link                                 | 585-1215      |
| 32B | 11-0272-5        | AR  | 81X Offset Link                                    | 585-1215      |
| 33  | 823-0003         | 2   | Lynch Pin 3/16" x 1-1/4"                           | 585-1215      |
| 34  | 813-5013-Z       | 4   | 1/2-13 Nut   | 585-1215      |
| 35  | 110-50B16-1.50-1 | 1   | Chain Coupler Sprocket 1.5 Bore x .375" Keyway     | 585-1215      |
| 36  | 37-0013-1        | 1   | Unit Coupler 1" Bore 1/4" Keyway                   | 585-1215      |

FRONT FLAT & INCLINE CHAIN CONVEYOR ASSEMBLY (CONT'D)



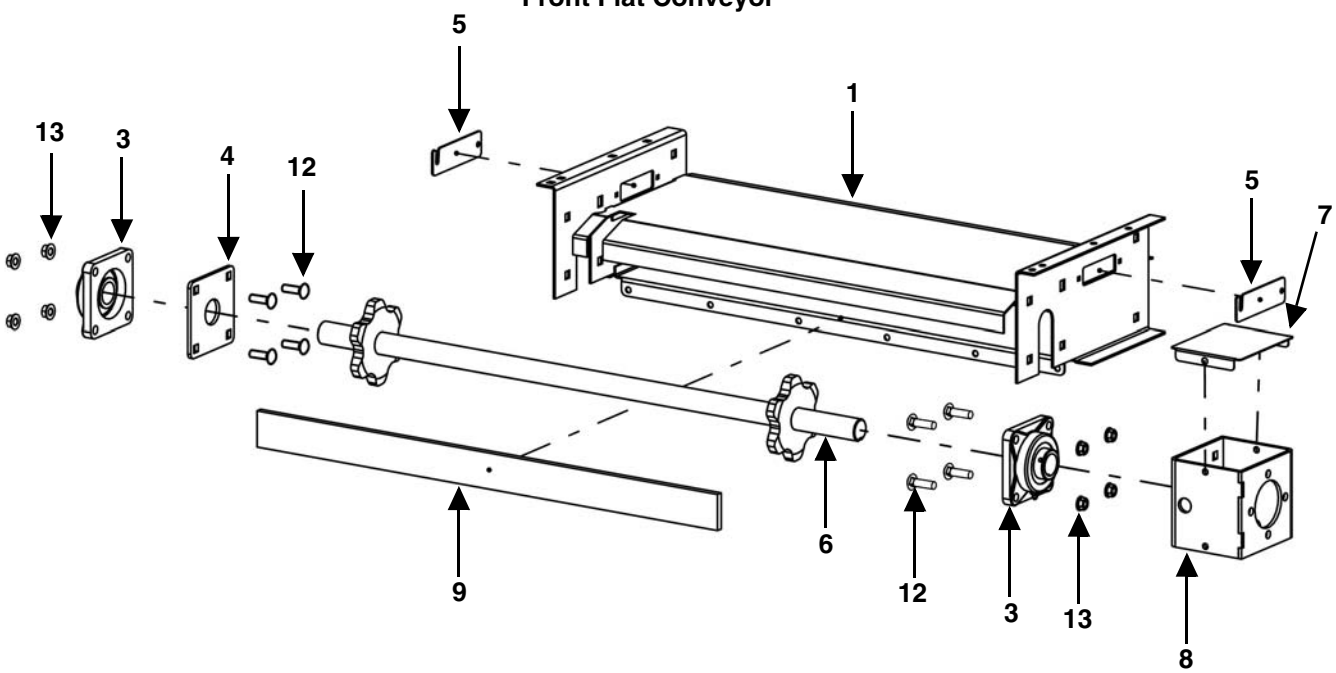
Note: Left Hand Discharge Shown

FM-055

| KEY | PART NUMBER    | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|----------------|-----|--|---------------|
| 37  | See Page 58    | 1   | 12.1 Cubic Inch 2-Bolt Motor   | 585-1215      |
| 38  | 850-5013-1.75Z | 16  | 1/2-13 x 1-3/4" Carriage Bolt, Grade 5                                       | 585-1215      |
| 39  | 810-5013-Z     | 28  | 1/2" Spin Lock Nut   | 585-1215      |
| 40  | 851-5013-1.5Z  | 4   | 1/2-13 x 1-1/2" Bolt   | 585-1215      |
| 41  | 851-3816-.75Z  | 4   | 3/8-16 x 3/4" Grade 5 Machine Bolt   | 585-1215      |
| 42  | 810-3816-Z     | 10  | 3/8 Spin Lock Nut  | 585-1215      |
| 43  | 851-5013-1Z    | 16  | 1/2-13 x 1" Bolt   | 585-1215      |
| 44  | 851-3816-2Z    | 2   | 3/8-16 x 2" Grade 5 Machine Bolt   | 585-1215      |
| 45  | 850-3816-.75Z  | 4   | 3/8-16 x 3/4" Grade 5 Carriage Bolt  | 585-1215      |
| 46  | 803-3118-.75Z  | 3   | 5/16-18 x 3/4" Flat Head Socket Cap Screw                                    | 585-1215      |
| 47  | M3-1-7-0047    | 1   | Conveyor Middle Slide Front  | 585/700       |
|     | M3-1-8-0035    | 1   | Conveyor Middle Slide Front  | 815/1015/1215 |
| 48  | M3-1-5-0028    | 1   | Conveyor Chain Cover, Flat (LH Discharge-Front, RH Discharge-Rear)           | 585/700       |
|     | M3-1-10-0011   | 1   | Conveyor Chain Cover, Flat (LH Discharge-Front, RH Discharge-Rear)           | 815/1015/1215 |
| 49  | M3-1-5-0029    | 1   | Conveyor Chain Cover, Flat Extension (LH Discharge-Front, RH Discharge-Rear) | 585-1215      |
| 50  | M3-1-7-0024    | 1   | Front Conveyor Shield, Flat  | 585/700       |
|     | M3-1-7-0028    | 1   | Front Conveyor Shield, Incline (Right Discharge)                             | 585/700       |
|     | M3-1-10-0008   | 1   | Front Conveyor Shield, Flat  | 815/1015/1215 |
|     | M3-1-8-0030    | 1   | Front Conveyor Shield, Incline (Right Discharge)                             | 815/1015/1215 |
|     | M3-1-10-0006   | 1   | Front Conveyor Shield, Incline (Left Discharge)                              | 815/1015/1215 |
| 51  | 49-0185        | 1   | Front Right Discharge Conveyor Chain Cover, Incline                          | 585-1215      |

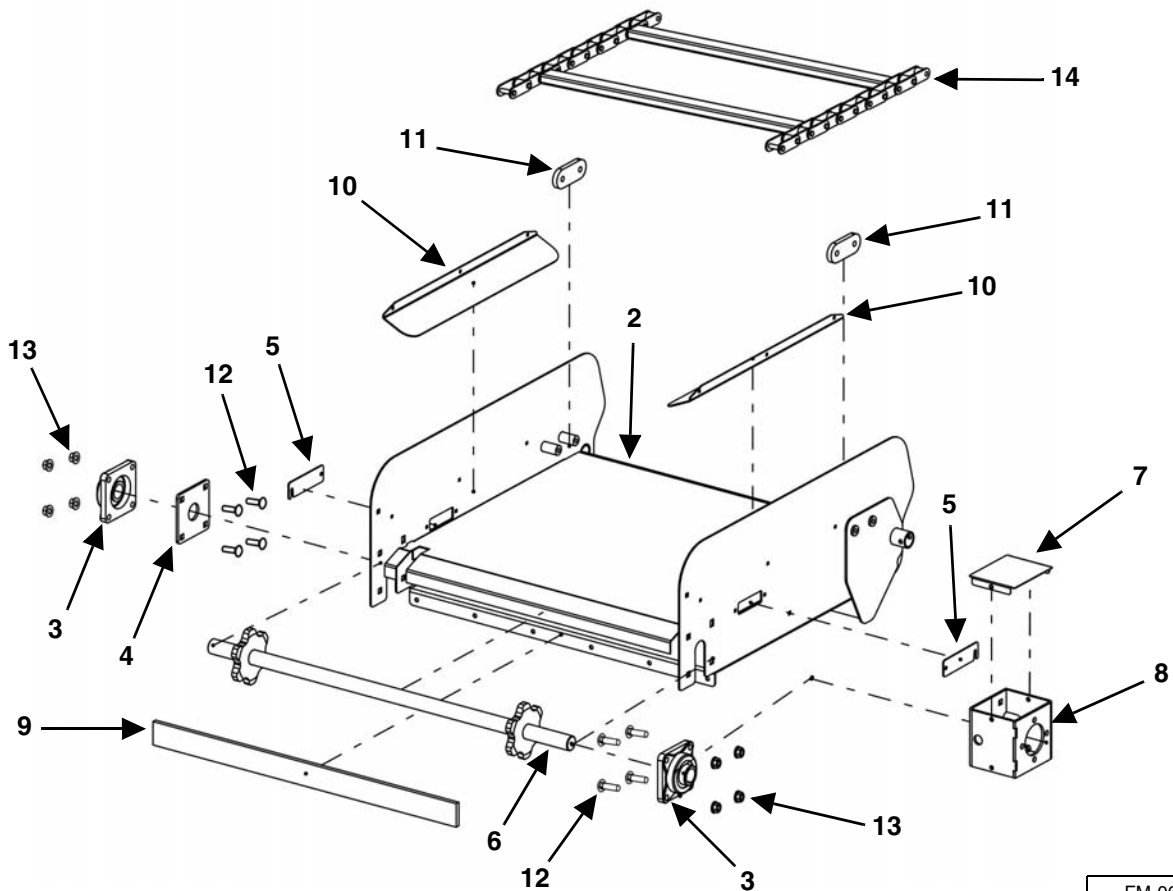
# FRONT FLAT & FRONT INCLINE CONVEYORS

## Front Flat Conveyor



FM-060

## Front Incline Conveyor

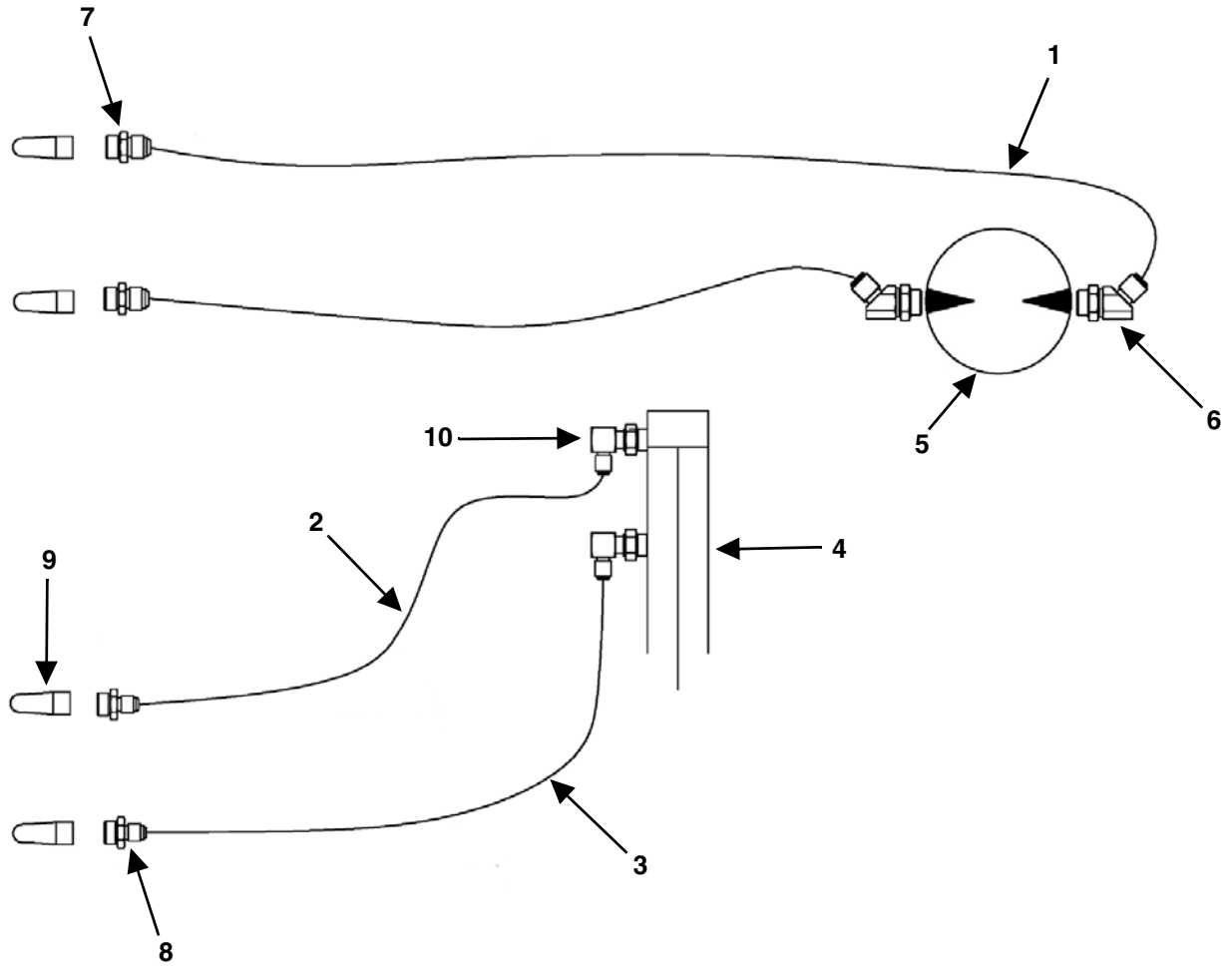


FM-065



| KEY | PART NUMBER    | QTY | DESCRIPTION  | MIXER MODEL |
|-----|----------------|-----|--|-------------|
| 0   | M3-1-5-0003    | 1   | 36" Wide Front Flat Conveyor Assembly                | 585 - 1215  |
|     | M3-1-5-0032    | 1   | Front Incline Conveyor Assembly (36" x 24" Conveyor) | 585 - 1215  |
|     | M3-1-5-0033    | 1   | Front Incline Conveyor Assembly (36" x 36" Conveyor) | 585 - 1215  |
|     | M3-1-5-0034    | 1   | Front Incline Conveyor Assembly (36" x 48" Conveyor) | 585 - 1215  |
|     | M3-1-5-0036    | 1   | Front Incline Conveyor Assembly (36" x 60" Conveyor) | 585 - 1215  |
| 1   | M3-1-5-0003-1  | 1   | 36" Front Conveyor Ext Weldment-Flat Drive End       | 585 - 1215  |
| 2   | M3-1-5-0032-1  | 1   | Front Incline Conveyor Weldment (36" x 24" Conveyor) | 585 - 1215  |
|     | M3-1-5-0033-1  | 1   | Front Incline Conveyor Weldment (36" x 36" Conveyor) | 585 - 1215  |
|     | M3-1-5-0034-1  | 1   | Front Incline Conveyor Assembly (36" x 48" Conveyor) | 585 - 1215  |
|     | M3-1-5-0036-1  | 1   | Front Incline Conveyor Assembly (36" x 60" Conveyor) | 585 - 1215  |
| 3   | 14-0070        | 4   | 1-1/2" 4-Bolt Bearing                                | 585 - 1215  |
| 4   | M3-1-4-0002    | 1   | Extension Bearing Mount Plate                        | 585 - 1215  |
| 5   | M3-1-4-0015-2  | 2   | Chute Cover  | 585 - 1215  |
| 6   | 23-0254        | 1   | 36" Wide Conveyor Drive Shaft Weldment, Flat         | 585 - 1215  |
|     | 23-0262        | 1   | 36" Wide Conveyor Drive Shaft Weldment, Incline      | 585 - 1215  |
| 7   | M3-1-8-0006    | 1   | Coupler Cover Plate                                  | 585 - 1215  |
| 8   | M3-1-8-0034    | 1   | Front Conveyor Motor Bracket                         | 585 - 1215  |
| 9   | 49-0181        | 1   | Front Chain Conveyor Belt                            | 585 - 1215  |
| 10  | M3-1-5-0011-2  | 2   | Conveyor Chain Cover, Incline (24" Conveyor)         | 585 - 1215  |
|     | M3-1-5-0025    | 2   | Conveyor Chain Cover, Incline (36" Conveyor)         | 585 - 1215  |
|     | M3-1-5-0014    | 2   | Conveyor Chain Cover, Incline (48" Conveyor)         | 585 - 1215  |
|     | M3-1-4-0045-2  | 2   | Conveyor Chain Cover, Incline (60" Conveyor)         | 585 - 1215  |
| 11  | M3-1-7-0006    | 2   | Chain Hold Down Plate                                | 585 - 1215  |
| 12  | 850-5013-1.75Z | 8   | 1/2 – 13 x 1-3/4" Carriage Bolt, Grade 5             | 585 - 1215  |
| 13  | 810-5013-Z     | 8   | 1/2" Spin Lock Nut                                   | 585 - 1215  |
| 14  | 11-0507        | 1   | Incline Ext. 81X Chain Assembly (36" x 24" Conveyor) | 585 - 1215  |
|     | 11-0508        | 1   | Incline Ext. 81X Chain Assembly (36" x 36" Conveyor) | 585 - 1215  |
|     | 11-0509        | 1   | Incline Ext. 81X Chain Assembly (36" x 48" Conveyor) | 585 - 1215  |
|     | 11-0510        | 1   | Incline Ext. 81X Chain Assembly (36" x 60" Conveyor) | 585 - 1215  |

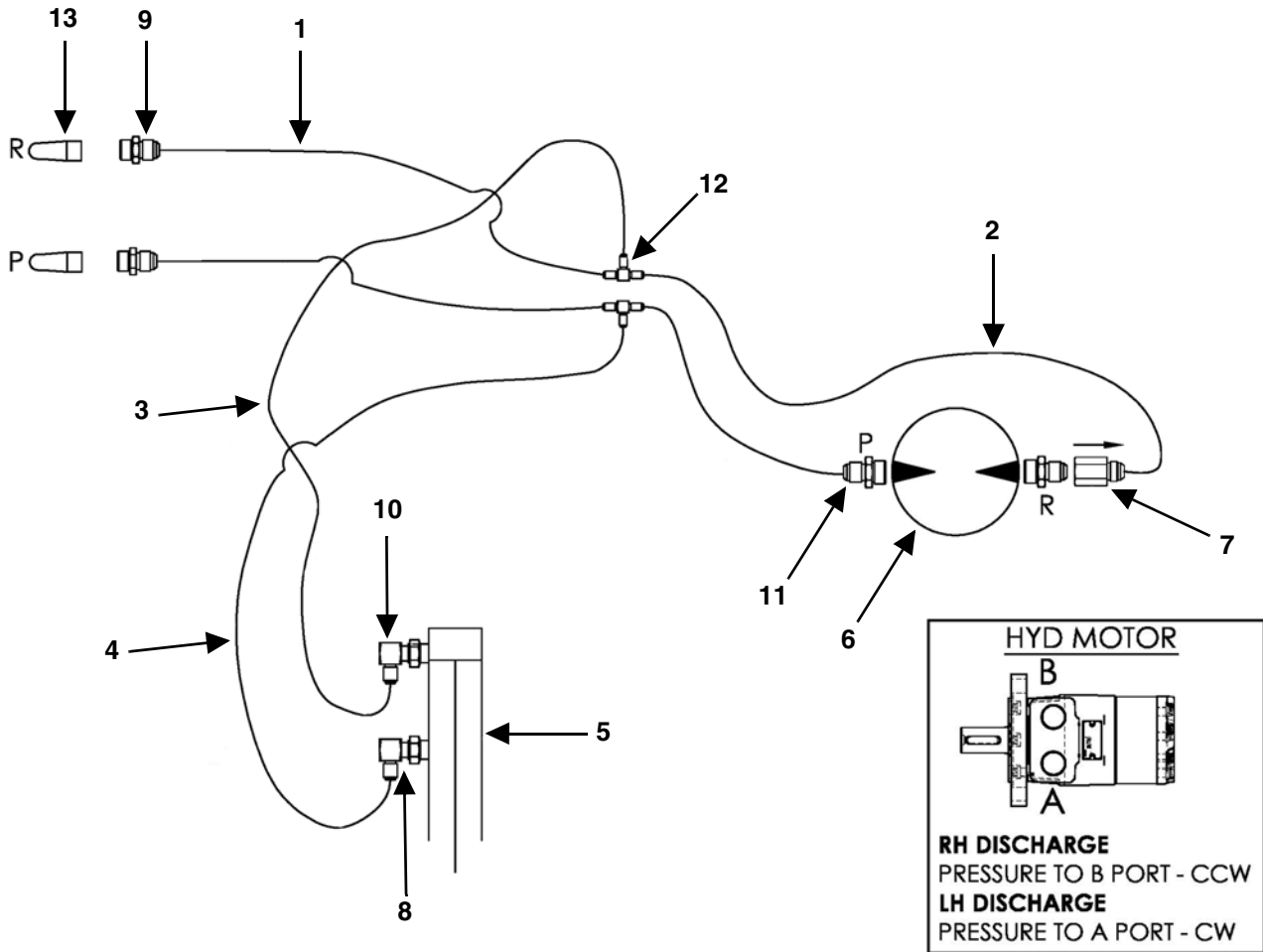
# FLAT CHAIN CONVEYOR HYDRAULIC SCHEMATIC



FM-250\_1

| KEY | PART NUMBER      | QTY | DESCRIPTION                                 | MIXER MODEL   |
|-----|------------------|-----|---|---------------|
| 1   | 155-08R17-189-1  | 2   | 1/2" x 189" Hose Assembly                   | 585/700       |
|     | 155-08R17-208-1  | 2   | 1/2" x 208" Hose Assembly                   | 815/1015/1215 |
| 2   | 155-04R17-173-1  | 1   | 1/4" x 173" Hose Assembly                   | 585/700       |
|     | 155-04R17-197-1  | 1   | 1/4" x 197" Hose Assembly                   | 815/1015/1215 |
| 3   | 155-04R17-185-1  | 1   | 1/4" x 185" Hose Assembly                   | 585/700       |
|     | 155-04R17-197-1  | 1   | 1/4" x 197" Hose Assembly                   | 815/1015/1215 |
| 4   | 155-2-16-1.125-2 | 1   | 2" x 16" x 1-1/8" Hydraulic Cylinder        | 585/700       |
|     | 155-2-16-1.125-1 | 1   | 2" x 16" x 1-1/8" Hydraulic Cylinder        | 815/1015/1215 |
| 5   | 155-WR-12.1-1    | 1   | 12.1 Cubic Inch 2-Bolt Motor                | 585 - 1215    |
|     | 155-WR-SK-1      | 1   | Motor Seal Kit                              | 585 - 1215    |
| 6   | 155-6802-8-10    | 2   | #8 JIC Male, #10 ORB Male Adjustable 45°    | 585 - 1215    |
| 7   | 155-6400-8-8     | 2   | #8 JIC Male, #8 ORB Male Straight Connector | 585 - 1215    |
| 8   | 155-6400-6-8     | 2   | #6 JIC Male, #8 ORB Male Straight Connector | 585 - 1215    |
| 9   | 155-8010-15      | 4   | #8 ORB Male Tip 1/2" Body Size              | 585 - 1215    |
| 10  | 155-6801-6-8     | 2   | #6 JIC Male, #8 ORB Male Adjustable 90°     | 585 - 1215    |

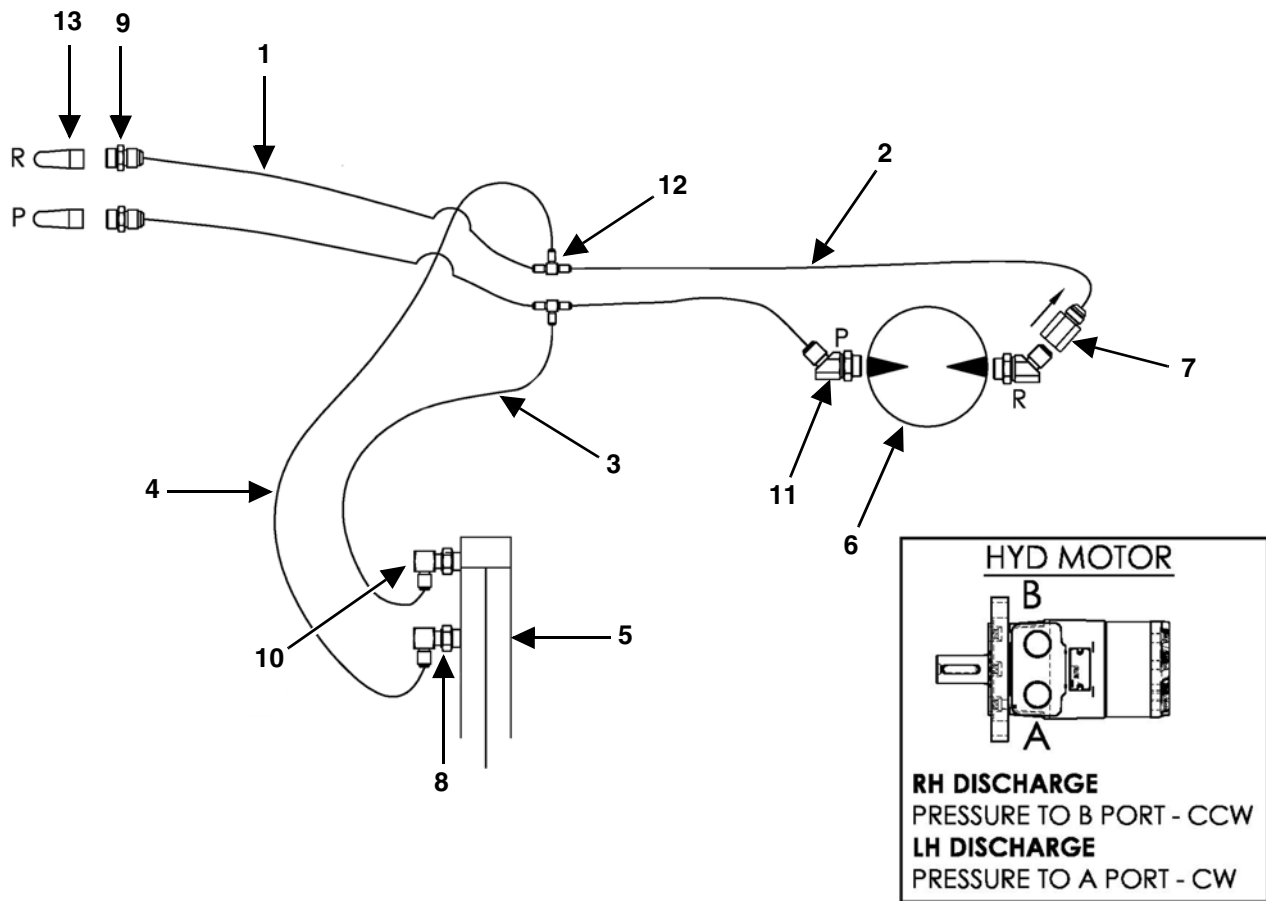
**FRONT DISCHARGE INCLINE CONVEYOR HYDRAULIC SCHEMATIC  
MODEL 585 - 1215: (36" X 24" CHAIN CONVEYOR)**



FM-070

| KEY | PART NUMBER       | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|-------------------|-----|--|---------------|
| 1   | 155-08R17-138-1   | 2   | 1/2" x 138" Hose Assembly (36" x 24" Conveyor Chain) | 585 - 1215    |
| 2   | 155-08R17-69-1    | 2   | 1/2" x 69" Hose Assembly (36" x 24" Conveyor Chain)  | 585 - 1215    |
| 3   | 155-04R17-19-1    | 1   | 1/4" x 19" Hose Assembly (36" x 24" Conveyor Chain)  | 585/700       |
|     | 155-04R17-28-1    | 1   | 1/4" x 28" Hose Assembly (36" x 24" Conveyor Chain)  | 815/1015/1215 |
| 4   | 155-04R17-28-1    | 1   | 1/4" x 28" Hose Assembly (36" x 24" Conveyor Chain)  | 585/700       |
|     | 155-04R17-40-2    | 1   | 1/4" x 40" Hose Assembly (36" x 24" Conveyor Chain)  | 815/1015/1215 |
| 5   | 155-2-8-1.125-1   | 1   | 2" x 8" x 1-1/8" Hydraulic Cylinder                  | 585 - 1215    |
| 6   | 155-WR-12.1-1     | 1   | 12.1 Cubic Inch 2-Bolt Motor                         | 585 - 1215    |
|     | 155-WR-SK-1       | 1   | Motor Seal Kit                                       | 585 - 1215    |
| 7   | 155-CV-8-1        | 1   | Check Valve  | 585 - 1215    |
| 8   | 155-6801-6-8      | 1   | #6 JIC Male, #8 ORB Male Adjustable 90°              | 585 - 1215    |
| 9   | 155-6400-8-8      | 2   | #8 JIC Male, #8 ORB Male Straight Connector          | 585 - 1215    |
| 10  | 155-6801-6-8-55   | 1   | #6 x #8 90° Adj Elbow With .055" Orifice             | 585 - 1215    |
| 11  | 155-6400-08-10    | 2   | #8 JIC Male, #10 ORB Male Straight Connector         | 585 - 1215    |
| 12  | 155-2603-08-08-06 | 2   | #8 x #8 x #8 JIC Male Tube Tee                       | 585 - 1215    |
| 13  | 155-8010-15       | 2   | #8 ORB Male Tip 1/2" Body Size                       | 585 - 1215    |

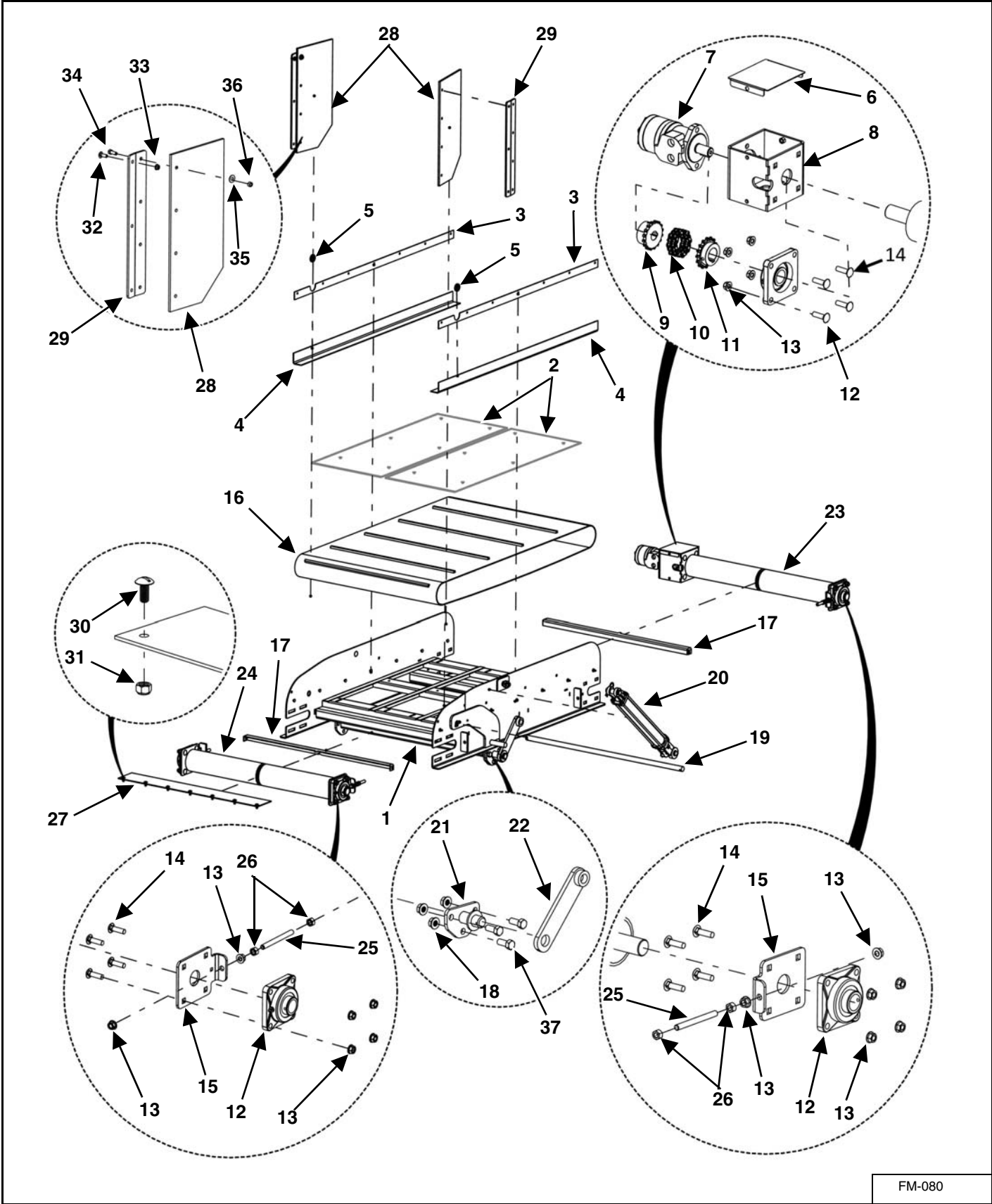
**FRONT DISCHARGE INCLINE CONVEYOR HYDRAULIC SCHEMATIC  
 MODEL 585 - 1215: (36" X 36", 36" X 48", 36" X 60" CHAIN CONVEYOR)**



FM-095

| KEY | PART NUMBER         | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|---------------------|-----|--|---------------|
| 1   | 155-08R17-138-1     | 2   | 1/2 x 138" Hose Assembly<br>(36" x 36", 36" x 48", 36" x 60" Conveyor Chain) | 585 - 1215    |
| 2   | 155-08R17-85-1      | 2   | 1/2 x 85" Hose Assembly (36" x 36" Conveyor Chain)                           | 585 - 1215    |
|     | 155-08R17-97-1      | 2   | 1/2 x 97" Hose Assembly (36" x 48" Conveyor Chain)                           | 585 - 1215    |
|     | Call 1-800-325-9103 | 2   | 1/2 x ___" Hose Assembly (36" x 60" Conveyor Chain)                          | 585 - 1215    |
| 3   | 155-04R17-19-1      | 1   | 1/4 x 19" Hose Assembly<br>(36" x 36", 36" x 48", 36" x 60" Conveyor Chain)  | 585/700       |
|     | 155-04R17-28-1      | 1   | 1/4 x 28" Hose Assembly<br>(36" x 36", 36" x 48", 36" x 60" Conveyor Chain)  | 815/1015/1215 |
| 4   | 155-04R17-28-1      | 1   | 1/4 x 28" Hose Assembly<br>(36" x 36", 36" x 48", 36" x 60" Conveyor Chain)  | 585/700       |
|     | 155-04R17-40-2      | 1   | 1/4" x 40" Hose Assembly<br>(36" x 36", 36" x 48", 36" x 60" Conveyor Chain) | 815/1015/1215 |
| 5   | 155-2-8-1.125-1     | 1   | 2" x 8" x 1-1/8" Hydraulic Cylinder  | 585 - 1215    |
| 6   | 155-WR-12.1-1       | 1   | 12.1 Cubic Inch 2-Bolt Motor   | 585 - 1215    |
|     | 155-WR-SK-1         | 1   | Motor Seal Kit   | 585 - 1215    |
| 7   | 155-CV-8-1          | 1   | Check Valve  | 585 - 1215    |
| 8   | 155-6801-6-8        | 1   | #6 JIC Male, #8 ORB Male Adjustable 90°                                      | 585 - 1215    |
| 9   | 155-6400-8-8        | 2   | #8 JIC Male, #8 ORB Male Straight Connector                                  | 585 - 1215    |
| 10  | 155-6801-6-8-55     | 1   | #6 x #8 90° Adj Elbow With .055" Orifice                                     | 585 - 1215    |
| 11  | 155-6802-8-10       | 2   | #8 JIC Male, #10 ORB Male Adjustable 45°                                     | 585 - 1215    |
| 12  | 155-2603-08-08-06   | 2   | #8 x #8 x #8 JIC Male Tube Tee   | 585 - 1215    |
| 13  | 155-8010-15         | 2   | #8 ORB Male Tip 1/2" Body Size   | 585 - 1215    |

SIDE DISCHARGE BELT CONVEYOR

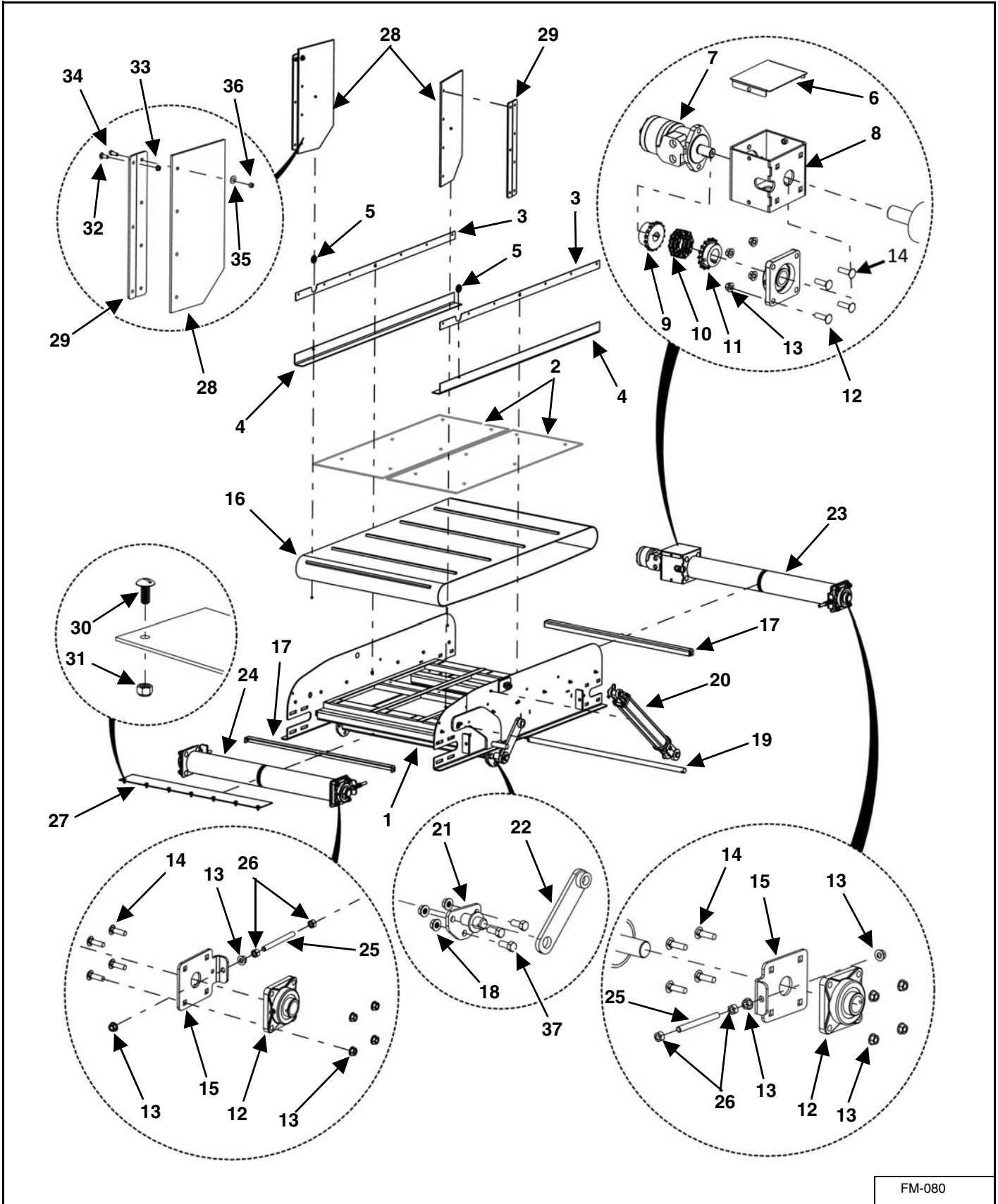


FM-080



| KEY | PART NUMBER      | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|------------------|-----|--|---------------|
| 0   | VAM-DBI-42-24-SL | 1   | 42" x 24" Left Side Belt Conveyor Complete   | 585/700       |
|     | VAM-DBI-42-24-SR | 1   | 42" x 24" Right Side Belt Conveyor Complete  | 585/700       |
|     | VAM-DBI-42-36-SL | 1   | 42" x 36" Left Side Belt Conveyor Complete   | 585/700       |
|     | VAM-DBI-42-36-SR | 1   | 42" x 36" Right Side Belt Conveyor Complete  | 585/700       |
|     | VAM-DBI-42-48-SL | 1   | 42" x 48" Left Side Belt Conveyor Complete   | 585/700       |
|     | VAM-DBI-42-48-SR | 1   | 42" x 48" Right Side Belt Conveyor Complete  | 585/700       |
|     | VAM-DBI-42-60-SL | 1   | 42" x 60" Left Side Belt Conveyor Complete   | 585/700       |
|     | VAM-DBI-42-60-SR | 1   | 42" x 60" Right Side Belt Conveyor Complete  | 585/700       |
|     | VAL-DBI-42-36-SL | 1   | 42" x 36" Left Side Belt Conveyor Complete   | 815/1015/1215 |
|     | VAL-DBI-42-36-SR | 1   | 42" x 36" Right Side Belt Conveyor Complete  | 815/1015/1215 |
| 1   | M3-1-7-0044-1    | 1   | 42" x 24" Belt Conveyor Frame Weldment   | 585/700       |
|     | M3-1-7-0035-1    | 1   | 42" x 36" Belt Conveyor Frame Weldment   | 585-1215      |
|     | M3-1-7-0041-1    | 1   | 42" x 48" Belt Conveyor Frame Weldment   | 585/700       |
|     | M3-1-7-0039-1    | 1   | 42" x 60" Belt Conveyor Frame Weldment   | 585/700       |
| 2   | M3-1-7-0046      | 2   | Side Belt Discharge Conveyor Floor 1/4 x 20-5/8 x 22-1/2"<br>(42" x 24" Belt Conveyor) | 585/700       |
|     | M3-1-7-0036      | 2   | Side Belt Discharge Conveyor Floor 1/4 x 20-5/8 x 32-1/2"<br>(36" x 36" Belt Conveyor) | 585-1215      |
|     | M3-1-7-0042      | 2   | Side Belt Discharge Conveyor Floor 1/4 x 20-5/8 x 56-1/2"<br>(42" x 60" Belt Conveyor) | 585/700       |
|     | M3-1-7-0040      | 2   | Side Belt Discharge Conveyor Floor 1/4 x 20-5/8 x 56-1/2"<br>(42" x 60" Belt Conveyor) | 585/700       |
| 3   | M3-1-7-0045      | 2   | Conveyor Skirt Backer 0.105 x 1.625 x 34"<br>(36" x 24" Belt Conveyor)                 | 585/700       |
|     | M3-1-4-0037      | 2   | Conveyor Skirt Backer 0.105 x 1.625 x 44"<br>(42" x 36" Belt Conveyor)                 | 585-1215      |
|     | M3-1-4-0049      | 2   | Conveyor Skirt Backer 0.105 x 1.625 x 56"<br>(42" x 48" Belt Conveyor)                 | 585/700       |
|     | M3-1-4-0053      | 2   | Conveyor Skirt Backer 0.105 x 1.625 x 68"<br>(42" x 60" Belt Conveyor)                 | 585/700       |
| 4   | 49-0218          | 2   | 24" Side Conveyor Skirting   | 585/700       |
|     | 49-0169          | 2   | 36" Side Conveyor Skirting   | 585-1215      |
|     | 49-0194          | 2   | 48" Side Conveyor Skirting   | 585/700       |
|     | 49-0197          | 2   | 60" Side Conveyor Skirting   | 585/700       |
| 5   | M3-1-7-0035-1-5  | 2   | Pivot Spacer   | 585-1215      |
| 6   | M3-1-8-0006      | 1   | Coupler Cover Plate  | 585-1215      |

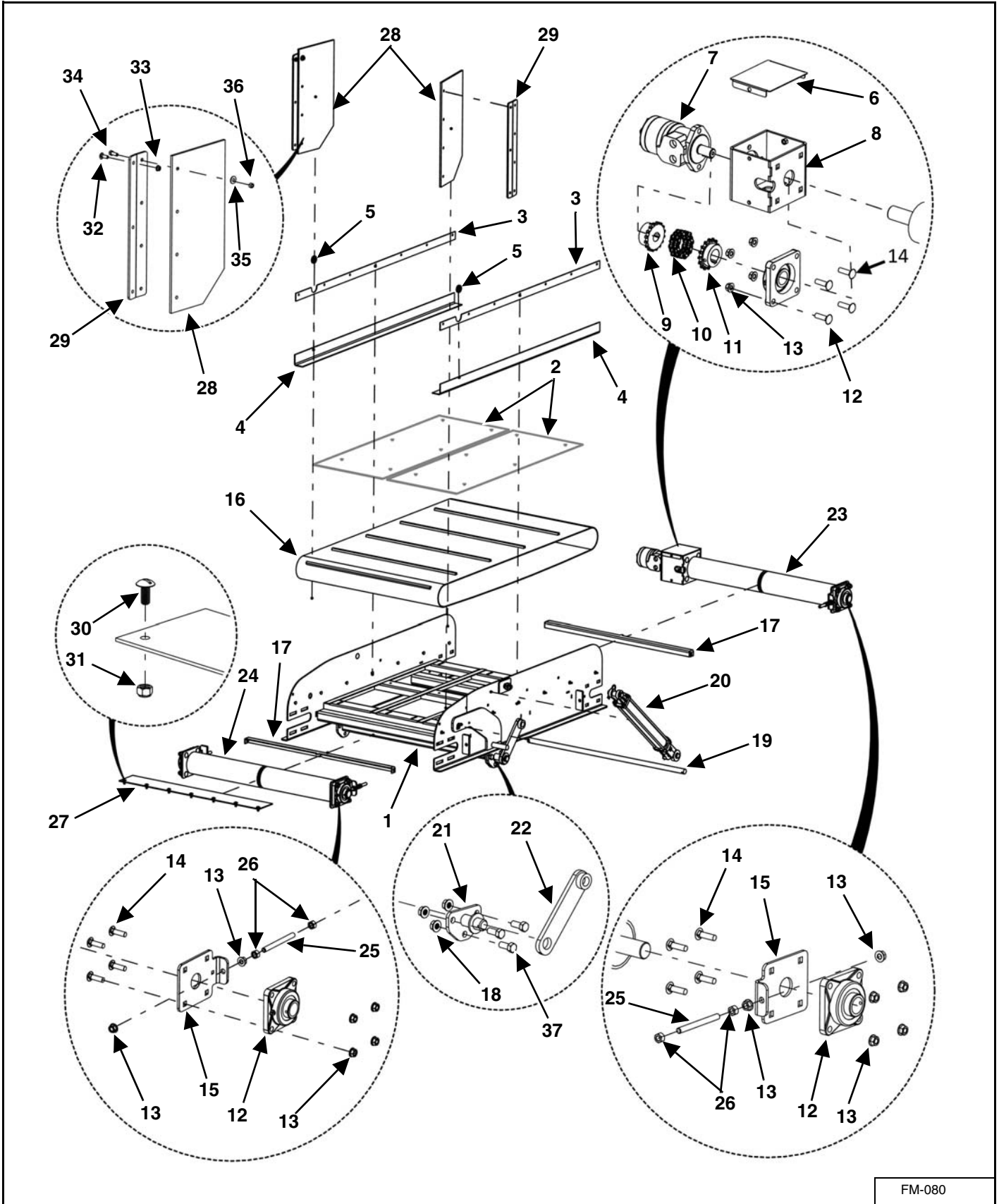
SIDE DISCHARGE BELT CONVEYOR (CONT'D)



FM-080

| KEY | PART NUMBER      | QTY | DESCRIPTION  | MIXER MODEL |
|-----|------------------|-----|--|-------------|
| 7   | See Page 74      |     | Hydraulic Motor  | 585/700     |
|     | See Page 76      |     | Hydraulic Motor  | 815 - 1215  |
| 8   | M3-1-5-0049      | 1   | Front Conveyor Motor Bracket                                       | 585-1215    |
| 9   | 37-0013-1        | 1   | Unit Coupler, 1" Bore 1/4" Keyway                                  | 585-1215    |
| 10  | 37-0013-2        | 1   | Unit Coupler Chain, #50 16 Double With Connector                   | 585-1215    |
| 11  | 110-50B16-1.50-1 | 1   | Chain Coupler Sprocket 1.5 Bore x 0.375" Keyway                    | 585-1215    |
| 12  | 14-0070          | 4   | 1-1/2" - 4" Bolt Bearing   | 585-1215    |
| 13  | 810-5013-Z       | 22  | 1/2" Spin Lock Nut (42" x 36" Belt Conveyor)                       | 585-1215    |
|     | 810-5013-Z       | 24  | 1/2" Spin Lock Nut (42" x 24", 42" x 48", 42" x 60" Belt Conveyor) | 585-1215    |
| 14  | 850-5013-1.75Z   | 16  | 1/2-13 x 1-3/4" Carriage Bolt, Grade 5                             | 585-1215    |
| 15  | M3-1-8-0002      | 3   | Front Conveyor Bearing Mount                                       | 585-1215    |
| 16  | 49-0219          | 1   | 41.38" x 73" Belt, (42" x 24" Belt Conveyor).                      | 585-1215    |
|     | 49-0193-MB       | 1   | 41.38" x 93" Belt, (42" x 36" Belt Conveyor)                       | 585-1215    |
|     | 49-0199          | 1   | 41.38" x 117" Belt, (42" x 48" Belt Conveyor)                      | 585-1215    |
|     | 49-0198-MB       | 1   | 41.38" x 141" Belt, (42 x 60" Conveyor)                            | 585-1215    |
|     | 49-0193-3-AS     | 1   | 42" Conveyor Steel Belt Lacing Pin                                 | 585-1215    |
| 17  | M3-1-7-0052      | 2   | Conveyor Idler Roll Scraper  | 585-1215    |
|     | 850-3118-.75Z    | 4   | 5/16"-18 x 3/4" Carriage Bolt                                      | 585-1215    |
|     | 814-3118-Z       | 4   | 5/16"-18 Indented Locknut  | 585-1215    |
| 18  | 810-6311-Z       | 3   | 5/8" Spin Locknut  | 585-1215    |
| 19  | M3-1-7-0029      | 1   | Chute Pivot Rod 1" Diameter x 45-1/4"                              | 585-1215    |
| 20  | See Page 74      |     | Hydraulic Cylinder   | 585/700     |
|     | See Page 76      |     | Hydraulic Cylinder   | 815 - 1215  |
| 21  | M3-1-4-0005      | 1   | Extension Hydraulic Mount Weldment                                 | 585-1215    |
| 22  | M3-1-4-0006      | 1   | Conveyor Link Arm Weldment   | 585-1215    |
| 23  | 23-0266          | 1   | 1.5 Shaft x 49.375" Drive Pulley                                   | 585-1215    |
| 24  | 23-0265          | 1   | 1.5 Shaft x 48.25" Cross Conveyor Idler Pulley                     | 585-1215    |
| 25  | 830-5013-4Z      | 3   | Tap Bolt, 1/2-13 x 4"  | 585-1215    |

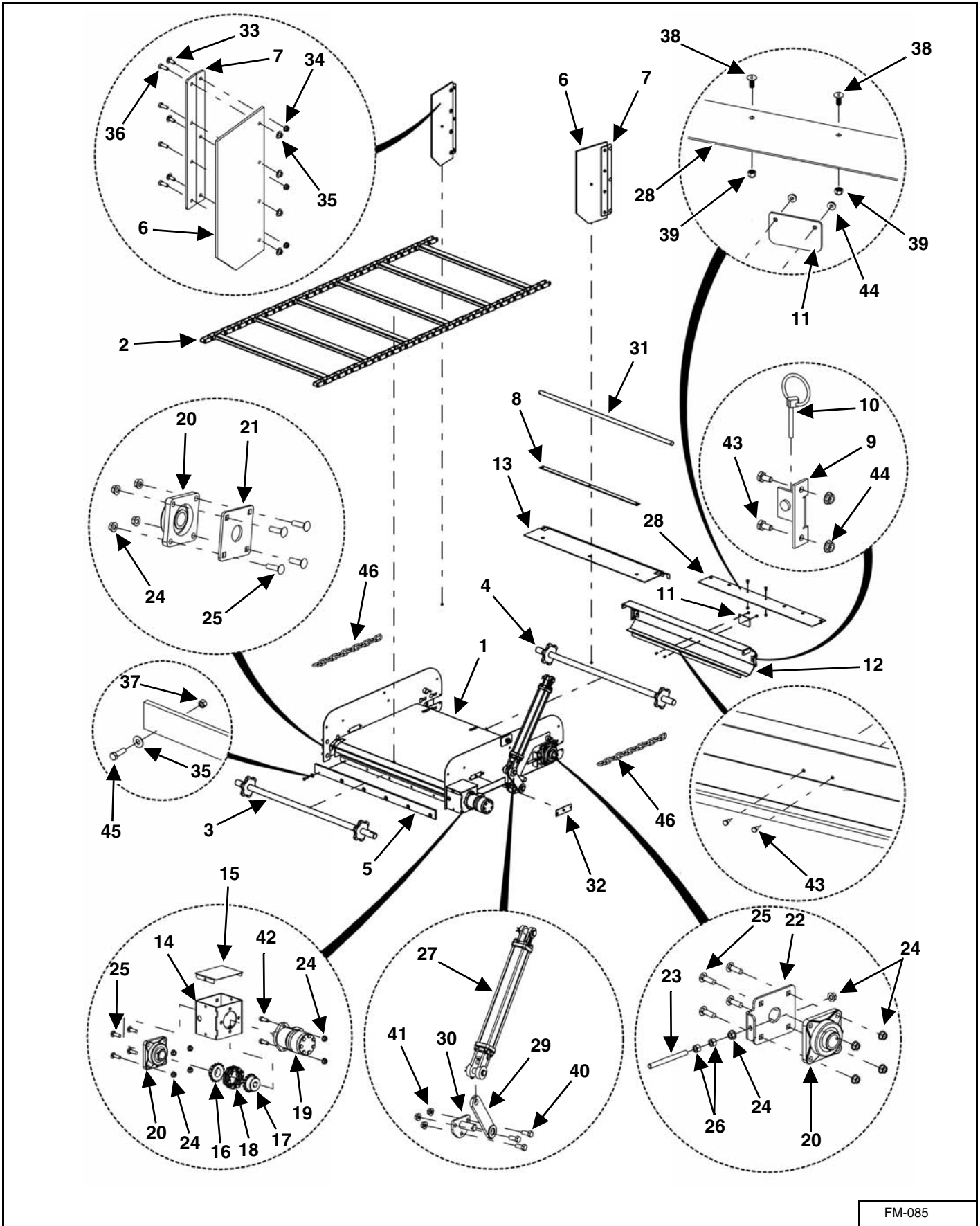
SIDE DISCHARGE BELT CONVEYOR (CONT'D)



FM-080

| KEY | PART NUMBER    | QTY | DESCRIPTION                              | MIXER MODEL |
|-----|----------------|-----|--|-------------|
| 26  | 813-5013-Z     | 6   | 1/2-13 Nut                               | 585-1215    |
| 27  | 49-0171        | 1   | Door Frame Seal                          | 585-1215    |
| 28  | M3-1-4-0024    | 2   | Door Deflector (Belting)                 | 585-1215    |
| 29  | M3-1-4-0025    | 2   | Belt Chute Deflector                     | 585-1215    |
| 30  | 802T-3118-.75Z | 7   | 5/16-18 x 3/4" Truss Head Screw          | 585-1215    |
| 31  | 815-3118-Z     | 7   | 5/16-18 Nylon Insert Lock Nut, Left Side | 585-1215    |
| 32  | 850-3816-1Z    | 6   | 3/8-16 x 1" Carriage Bolt, Grade 5       | 585-1215    |
| 33  | 810-3816-Z     | 6   | 3/8" Spin Lock Nut                       | 585-1215    |
| 34  | 851-3816-1Z    | 8   | 3/8-16 x 1" Grade 5 Machine Bolt         | 585-1215    |
| 35  | 805-0038-Z     | 4   | 3/8" Flat Washer                         | 585-1215    |
| 36  | 815-3816-Z     | 8   | 3/8-16 Nylon Insert Lock Nut             | 585-1215    |
| 37  | 851-6311-1.5Z  | 3   | 5/8-11 x 1-1/2" Grade 5 Machine Bolt     | 585-1215    |

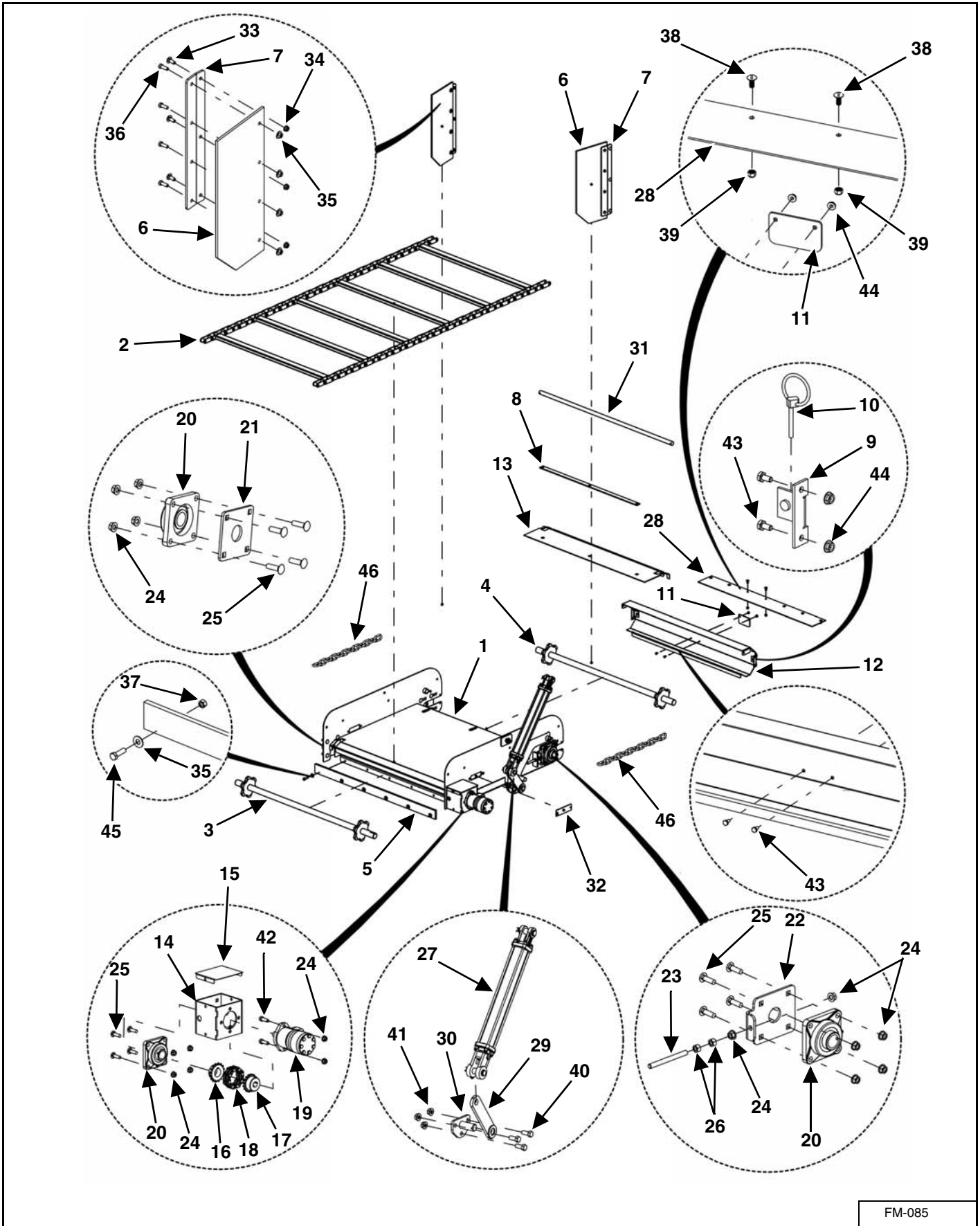
# SIDE DISCHARGE CHAIN CONVEYOR



FM-085

| KEY | PART NUMBER      | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|------------------|-----|--|---------------|
| 0   | VAM-DCI-42-36-SL | 1   | 42" x 36" Left Chain Side Extension Complete         | 585/700       |
|     | VAM-DCI-42-36-SR | 1   | 42" x 36" Right Chain Side Extension Complete        | 585/700       |
|     | VAM-DCI-42-48-SL | 1   | 42" x 48" Left Chain Side Extension Complete         | 585/700       |
|     | VAM-DCI-42-48-SR | 1   | 42" x 48" Right Chain Side Extension Complete        | 585/700       |
|     | VAL-DCI-42-36-SL | 1   | 42" x 36" Left Chain Side Extension Complete         | 815/1015/1215 |
|     | VAL-DCI-42-36-SR | 1   | 42" x 36" Right Chain Side Extension Complete        | 815/1015/1215 |
|     | VAL-DCI-42-48-SL | 1   | 42" x 48" Left Chain Side Extension Complete         | 815/1015/1215 |
|     | VAL-DCI-42-48-SR | 1   | 42" x 48" Right Chain Side Extension Complete        | 815/1015/1215 |
|     | VAL-DCI-42-72-SL | 1   | 42" x 72" Left Chain Side Extension Complete         | 815/1015/1215 |
|     | VAL-DCI-42-72-SR | 1   | 42" x 72" Right Chain Side Extension Complete        | 815/1015/1215 |
| 1   | M3-1-12-0017-1   | 1   | 42" x 36" Chain Conveyor Weldment                    | 585 - 1215    |
|     | M3-1-12-0018-1   | 1   | 42" x 48" Chain Conveyor Weldment                    | 585 - 1215    |
|     | M3-1-12-0019-1   | 1   | 42" x 72" Chain Conveyor Weldment                    | 585 - 1215    |
| 2   | 11-0279          | 1   | 42" x 36" Side Discharge Conveyor 81X Chain Assembly | 585 - 1215    |
|     | 11-0280          | 1   | 42" x 48" Side Discharge Conveyor 81X Chain Assembly | 585 - 1215    |
|     | 11-0288          | 1   | 42" x 72" Side Discharge Conveyor 81X Chain Assembly | 585 - 1215    |
| 3   | 23-0258          | 1   | Conveyor Drive Shaft Weldment                        | 585 - 1215    |
| 4   | 23-0259          | 1   | Conveyor Idler Shaft Weldment                        | 585 - 1215    |
| 5   | 49-0180          | 1   | Side Chain Conveyor Belt                             | 585 - 1215    |
| 6   | M3-1-4-0024      | 2   | Door Deflector (Belting)                             | 585 - 1215    |
| 7   | M3-1-4-0025      | 2   | Belt Chute Deflector                                 | 585 - 1215    |
| 8   | M3-1-12-0009     | 1   | Extension Adjustment Bracket Weldment                | 585 - 1215    |
| 9   | M3-1-7-0034      | 2   | Conveyor Extension Cover Latch Weldment              | 585 - 1215    |
| 10  | 823-0003         | 2   | Lynch Pin 3/16" x 1-1/4"                             | 585 - 1215    |
| 11  | M3-1-7-0005-2    | 1   | Conveyor Extension Cover Handle                      | 585 - 1215    |
| 12  | M3-1-12-0003-AS  | 1   | Extension Back Plate                                 | 585 - 1215    |
| 13  | M3-1-12-0002     | 1   | Extension Sprocket Cover                             | 585 - 1215    |
| 14  | M3-1-8-0034      | 1   | Front Conveyor Motor Bracket                         | 585 - 1215    |
| 15  | M3-1-8-0006      | 1   | Coupler Cover Plate                                  | 585 - 1215    |
| 16  | 110-50B16-1.50-1 | 1   | Chain Coupler Sprocket                               | 585 - 1215    |
| 17  | 37-0013-1        | 1   | Unit Coupler, 1" Bore 1/4" Keyway                    | 585 - 1215    |
| 18  | 37-0013-2        | 1   | Unit Coupler Chain, #50 16 Double with Connector     | 585 - 1215    |

SIDE DISCHARGE CHAIN CONVEYOR (CONT'D)

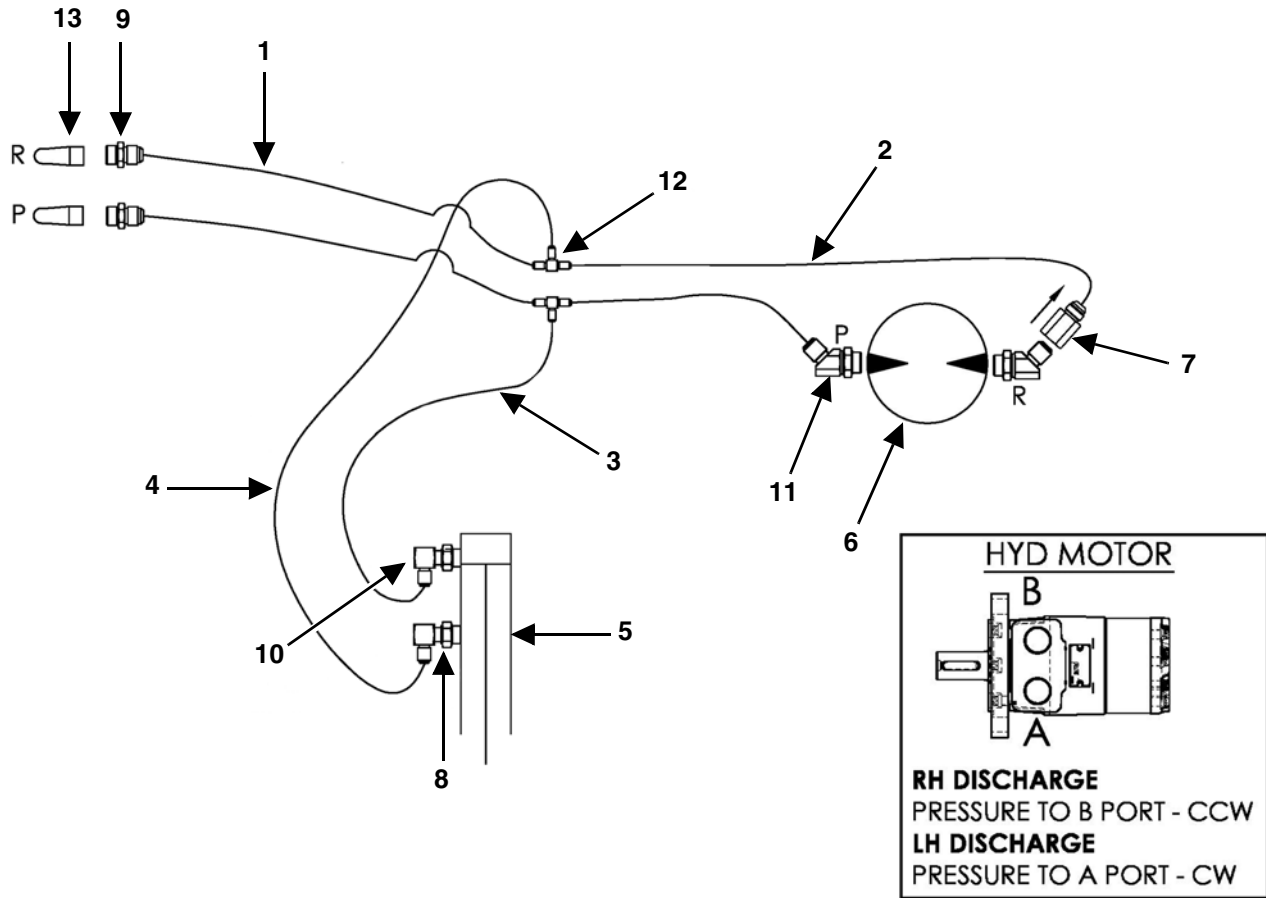


FM-085



| KEY | PART NUMBER    | QTY | DESCRIPTION                             | MIXER MODEL |
|-----|----------------|-----|---|-------------|
| 19  | See Page 74    |     | Hydraulic Motor                         | 585/700     |
|     | See Page 76    |     | Hydraulic Motor                         | 815 - 1215  |
| 20  | 14-0070        | 1   | 1-1/2" 4-Bolt Bearing                   | 585 - 1215  |
| 21  | M3-1-4-0002    | 1   | Extension Bearing Mount Plate           | 585 - 1215  |
| 22  | M3-1-8-0002    | 2   | Front Conveyor Bearing Mount            | 585 - 1215  |
| 23  | 830-5013-4Z    | 2   | Tap Bolt, 1/2-13 x 4"                   | 585 - 1215  |
| 24  | 810-5013-Z     | 22  | 1/2"-13 Spin Lock Nut                   | 585 - 1215  |
| 25  | 850-5013-1.75Z | 16  | 1/2-13 x 1-3/4" Carriage Bolt, Grade 5  | 585 - 1215  |
| 26  | 813-5013-Z     | 8   | 1/2-13 Nut                              | 585 - 1215  |
| 27  | See Page 74    |     | Hydraulic Cylinder                      | 585/700     |
|     | See Page 76    |     | Hydraulic Cylinder                      | 815 - 1215  |
| 28  | 49-0171        | 1   | Door Frame Seal                         | 585 - 1215  |
| 29  | M3-1-4-0006    | 1   | Conveyor Link Arm Weldment              | 585 - 1215  |
| 30  | M3-1-4-0005    | 1   | Extension Hydraulic Mount Weldment      | 585 - 1215  |
| 31  | M3-1-12-0008   | 1   | Chute Pivot Rod                         | 585 - 1215  |
| 32  | M3-1-4-0015-2  | 2   | Chute Cover                             | 585 - 1215  |
| 33  | 850-3816-1Z    | 6   | 3/8-16 x 1" Carriage Bolt               | 585 - 1215  |
| 34  | 810-3816-Z     | 6   | 3/8-16 Spin Lock Nut                    | 585 - 1215  |
| 35  | 805-0038-Z     | 6   | 3/8" Flat Washer                        | 585 - 1215  |
| 36  | 851-3816-1Z    | 8   | 3/8-16 x 1" Machine Bolt                | 585 - 1215  |
| 37  | 815-3816-Z     | 14  | 3/8-16 Nylon Insert Lock Nut            | 585 - 1215  |
| 38  | 802T-3118-.75Z | 7   | 5/16-18 x 3/4" Truss Head Machine Screw | 585 - 1215  |
| 39  | 815-3118-Z     | 7   | 5/16-18 Nylon Insert Lock Nut           | 585 - 1215  |
| 40  | 851-6311-1.5Z  | 3   | 5/8-11 x 1-1/2" Machine Bolt            | 585 - 1215  |
| 41  | 810-6311-Z     | 3   | 5/8-11 Spin Locknut                     | 585 - 1215  |
| 42  | 851-5013-1.5Z  | 2   | 1/2-13 x 1-1/2" Bolt                    | 585 - 1215  |
| 43  | 851-2520-.5Z   | 4   | 1/4-20 x 1/2" Machine Bolt              | 585 - 1215  |
| 44  | 810-2520-Z     | 4   | 1/4-20 Spin Lock Nut                    | 585 - 1215  |
| 45  | 851-3816-1.25Z | 6   | 3/8-16 x 1-1/4" Machine Bolt            | 585 - 1215  |
| 46  | M3-1-4-0001-2  | 2   | Chain Stop 1/4" Chain                   | 585 - 1215  |

**SIDE DISCHARGE INCLINE CONVEYOR HYDRAULIC SCHEMATIC**  
**MODELS 585 / 700: 42" X 24", 42" X 36", 42" X 48", 42" X 60", 42" X 72"**  
**BELT & CHAIN CONVEYOR**

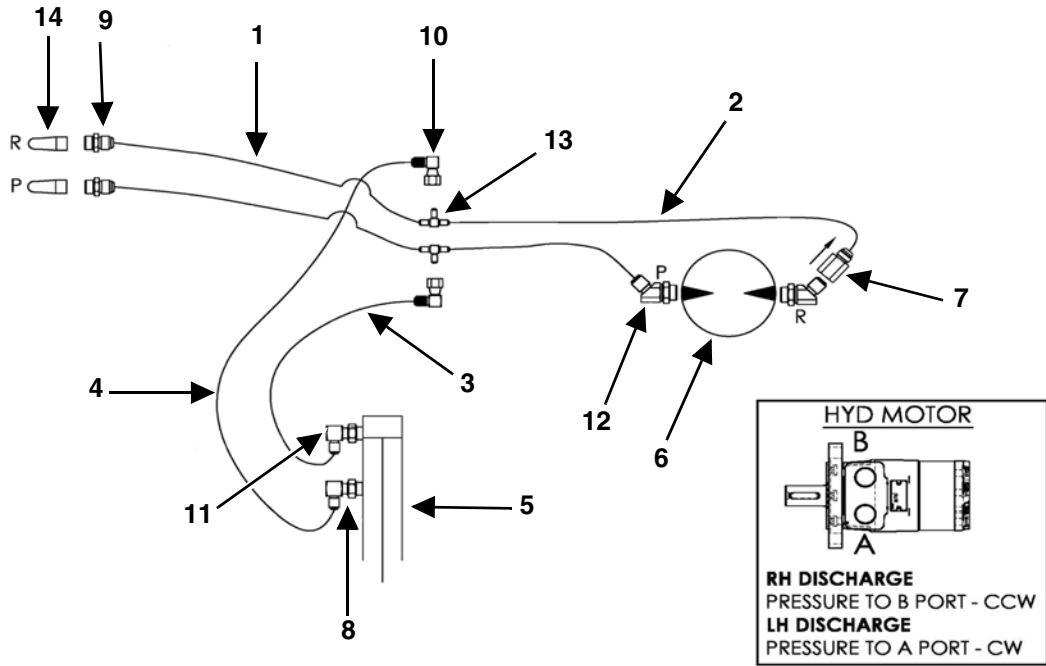


FM-095

| KEY | PART NUMBER         | QTY | DESCRIPTION  | MIXER MODEL |
|-----|---------------------|-----|--|-------------|
| 1   | 155-08R17-208-1     | 2   | 1/2 x 208" Hose Assembly (42" x 24", 42" x 36", 42" x 48", 42" x 60", 42" x 72" Belt & Chain Conveyor) | 585/700     |
| 2   | 155-08R17-85-1      | 2   | 1/2 x 85" Hose Assembly (42" x 24", 42" x 36" Belt & Chain Conveyor)                                   | 585/700     |
|     | 155-08R17-97-1      | 2   | 1/2 x 97" Hose Assembly (42" x 48" Belt & Chain Conveyor)  | 585/700     |
|     | Call 1-800-325-9103 | 2   | 1/2 x ___" Hose Assembly (42" x 60", 42" x 72" Belt & Chain Conveyor)                                  | 585/700     |
| 3   | 155-04R17-70-1      | 1   | 1/4 x 70" Hose Assembly (42" x 24", 42" x 36", 42" x 48", 42" x 60", 42" x 72" Belt & Chain Conveyor)  | 585/700     |
| 4   | 155-04R17-52-1      | 1   | 1/4 x 52" Hose Assembly (42" x 24", 42" x 36", 42" x 48", 42" x 60", 42" x 72" Belt & Chain Conveyor)  | 585/700     |
| 5   | 155-2-16-1.125-1    | 1   | 2 x 16 x 1-1/8" Hydraulic Cylinder   | 585/700     |
| 6   | 155-WR-12.1-1       | 1   | 12.1 Cubic Inch 2-Bolt Motor   | 585/700     |
|     | 155-WR-SK-1         | 1   | Motor Seal Kit   | 585/700     |
| 7   | 155-CV-8-1          | 1   | Check Valve  | 585/700     |
| 8   | 155-6801-6-8        | 1   | #6 JIC Male, #8 ORB Male Adjustable 90°  | 585/700     |
| 9   | 155-6400-8-8        | 2   | #8 JIC Male, #8 ORB Male Straight Connector  | 585/700     |
| 10  | 155-6801-6-8-55     | 1   | #6 x #8 90° Adj Elbow With .055" Orifice   | 585/700     |
| 11  | 155-6802-8-10       | 2   | #8 JIC Male, #10 ORB Male Adjustable 45°   | 585/700     |
| 12  | 155-2603-08-08-06   | 2   | #8 x #8 x #8 JIC Male Tube Tee   | 585/700     |
| 13  | 155-8010-15         | 2   | #8 ORB Male Tip 1/2" Body Size   | 585/700     |

**SIDE DISCHARGE INCLINE CONVEYOR HYDRAULIC SCHEMATIC  
MODELS 815 / 1015 / 1215**

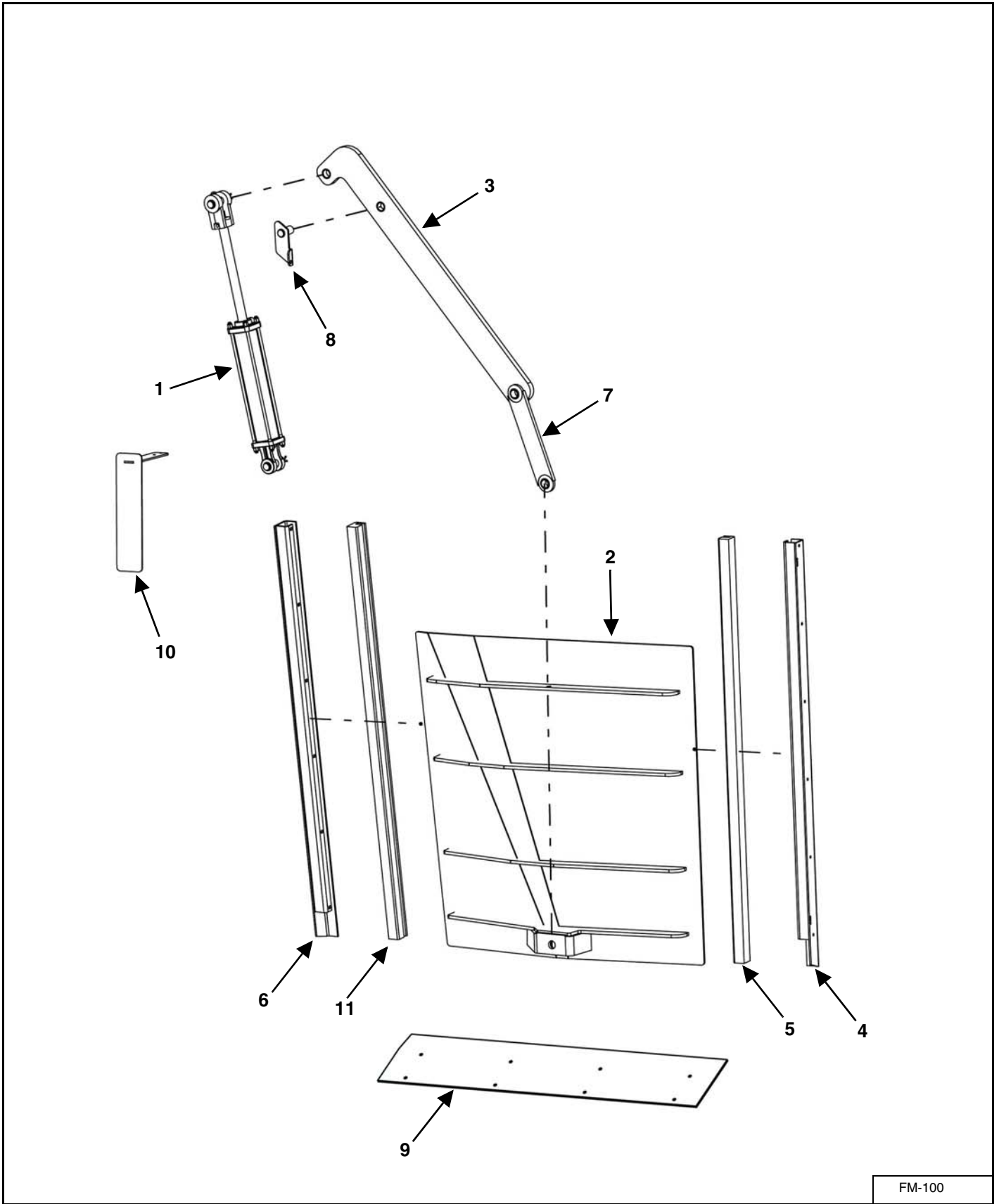
**Models 815 / 1015 / 1215: 42" x 24", 42" x 36", 42" x 48", 42" x 60", 42" x 72" Belt & Chain Conveyor**



FM-090

| KEY | PART NUMBER         | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|---------------------|-----|--|---------------|
| 1   | 155-08R17-234-1     | 2   | 1/2" x 234" Hose Assembly (42" x 24", 42" x 36", 42 x 48", 42" x 60", 42" x 72" Belt & Chain Conveyor) | 815/1015/1215 |
| 2   | Call 1-800-325-9103 | 2   | 1/2" x ___" Hose Assembly (42" x 24" Belt & Chain Conveyor)  | 815/1015/1215 |
|     | 155-08R17-85-1      | 2   | 1/2" x 85" Hose Assembly (42" x 36", 42" x 48" Belt & Chain Conveyor)                                  | 815/1015/1215 |
|     | Call 1-800-325-9103 | 2   | 1/2" x ___" Hose Assembly (42" x 60" Belt & Chain Conveyor)  | 815/1015/1215 |
|     | 155-08R17-97-1      | 2   | 1/2" x 97" Hose Assembly (42" x 72" Belt & Chain Conveyor)   | 815/1015/1215 |
| 3   | 155-04R17-70-1      | 1   | 1/4" x 70" Hose Assembly (42" x 24", 42" x 36", 42 x 48", 42" x 60", 42" x 72" Belt & Chain Conveyor)  | 815/1015/1215 |
| 4   | 155-04R17-52-1      | 1   | 1/4" x 52" Hose Assembly (42" x 24", 42" x 36", 42" x 48", 42" x 60", 42" x 72" Belt & Chain Conveyor) | 815/1015/1215 |
| 5   | 155-2-16-1.125-1    | 1   | 2" x 16" x 1-1/8" Hydraulic Cylinder   | 815/1015/1215 |
| 6   | 155-WR-12.1-1       | 1   | 12.1 Cubic Inch 2-Bolt Motor   | 815/1015/1215 |
|     | 155-WR-SK-1         | 1   | Motor Seal Kit   | 815/1015/1215 |
| 7   | 155-CV-8-1          | 1   | Check Valve  | 815/1015/1215 |
| 8   | 155-6801-6-8        | 1   | #6 JIC Male, #8 ORB Male 90 Degree Adjustable Elbow (42" x 36", 42" x 72" Belt & Chain Conveyor)       | 815/1015/1215 |
| 9   | 155-6400-8-8        | 2   | #8 JIC Male, #8 ORB Male Straight Connector  | 815/1015/1215 |
| 10  | 155-6500-06-06      | 2   | #6 JIC Male, #6 JIC Female Swivel 90°  | 815/1015/1215 |
| 11  | 155-6801-6-8-55     | 1   | #6 x #8 90° Adj Elbow With .055" Orifice   | 815/1015/1215 |
| 12  | 155-6802-8-10       | 2   | #8 JIC Male, #10 ORB Male Adjustable 45°   | 815/1015/1215 |
| 13  | 155-2603-08-08-06   | 2   | #8 x #8 x #8 JIC Male Tube Tee   | 815/1015/1215 |
| 14  | 155-8010-15         | 2   | #8 ORB Male Tip 1/2" Body Size   | 815/1015/1215 |

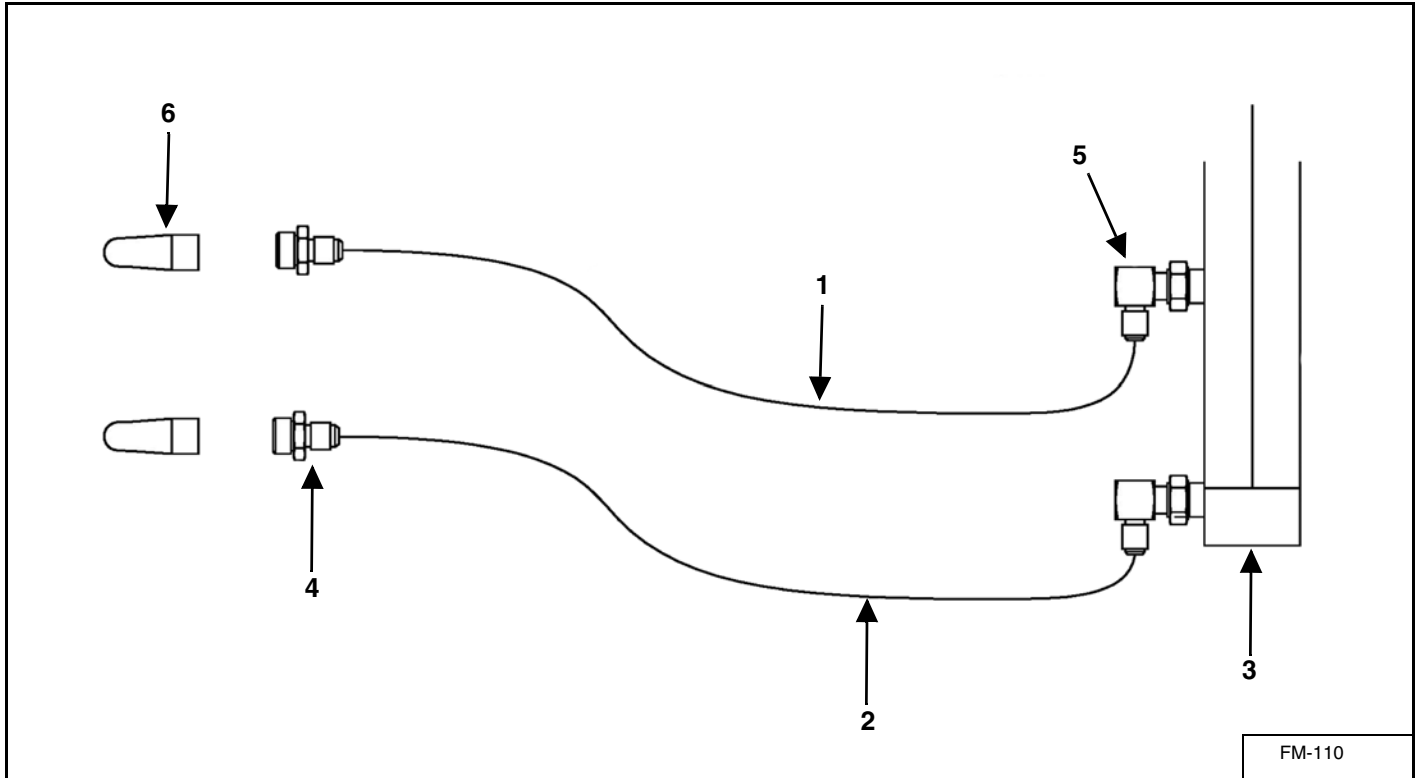
# DOOR



FM-100

| KEY | PART NUMBER        | QTY | DESCRIPTION                                       | MIXER MODEL   |
|-----|--------------------|-----|---|---------------|
| 1   | 155-2.5-12-1.125-1 | 1   | 2-1/2" x 12" x 1-1/8" Hydraulic Cylinder          | 585 - 1215    |
| 2   | M6-1-7-0004        | 1   | Rear / Front Door Weldment                        | 585/700       |
|     | M6-1-7-0007        | 1   | Left Side Door Weldment                           | 585/700       |
|     | M6-1-7-0009        | 1   | Right Side Door Weldment                          | 585/700       |
|     | M6-1-8-0005        | 1   | Rear / Front Door Weldment                        | 815/1015/1215 |
|     | M6-1-8-0011        | 1   | Left Side Door Weldment                           | 815/1015/1215 |
|     | M6-1-8-0014        | 1   | Right Side Door Weldment                          | 815/1015/1215 |
| 3   | M6-1-7-0005        | 1   | Door Arm  | 585/700       |
|     | M6-1-8-0006        | 1   | Rear / Front Door Arm                             | 815/1015/1215 |
|     | M6-1-8-0012        | 1   | Left / Right Door Arm                             | 815/1015/1215 |
|     | M6-1-8-0006-2      | 2   | Spring Bushing 1" ID x 1-1/4" OD x 3/4"           | 585 - 1215    |
| 4   | M6-1-8-0002        | 1   | Right Door Frame Guide Assembly                   | 585 - 1215    |
| 5   | M6-1-10-0007-R     | 1   | Right Poly Door Slide (Facing Door)               | 585 - 1215    |
|     | 850-3118-2.5Z      | 6   | Carriage Bolt, 5/16-18 x 2-1/2"                   | 585 - 1215    |
|     | 814-3118-Z         | 6   | Indented Lock Nut, 5/16-18                        | 585 - 1215    |
| 6   | M6-1-8-0004        | 1   | Left Door Frame Guide Assembly                    | 585 - 1215    |
| 7   | M6-1-8-0008        | 1   | Door Link Arm Assembly                            | 585 - 1215    |
|     | 851-1008-3Z        | 2   | Machine Bolt, 1-8 x 3"                            | 585 - 1215    |
|     | 815-1008-Z         | 2   | Lock Nut, 1-8 Nylon Insert                        | 585 - 1215    |
| 8   | M6-1-8-0009        | 1   | Front & Rear Door Link Pivot Pin Assembly         | 585 - 1215    |
|     | M6-1-7-0010        | 1   | Right Door Pivot Pin Assembly                     | 585/700       |
|     | M6-1-7-0011        | 1   | Left Door Pivot Pin Assembly                      | 585/700       |
|     | M6-1-8-0015        | 1   | Left Door Pivot Pin Assembly                      | 815/1015/1215 |
|     | M6-1-8-0016        | 1   | Right Door Pivot Pin Assembly                     | 815/1015/1215 |
|     | 851-3816-1.25Z     | 1   | 3/8-16 x 1-1/4" Machine Bolt                      | 585 - 1215    |
|     | 805-0038-Z         | 2   | 3/8" Flat Washer                                  | 585 - 1215    |
|     | 815-3816-Z         | 1   | 3/8-16 Nylon Insert Lock Nut                      | 585 - 1215    |
| 9   | M11-1-0019         | 1   | Magnet Cover Plate (Side Door Only)               | 585 - 1215    |
| 10  | M2-1-7-0001-47     | AR  | Left/Right Side Discharge Door Indicator Weldment | 585/700       |
| 11  | M6-1-10-0007-L     | 1   | Left Poly Door Slide (Facing Door)                | 585-1215      |
|     | 850-3118-2.5Z      | 6   | Carriage Bolt, 5/16-18 x 2-1/2"                   | 585-1215      |
|     | 814-3118-Z         | 6   | Indented Lock Nut, 5/16-18                        | 585-1215      |

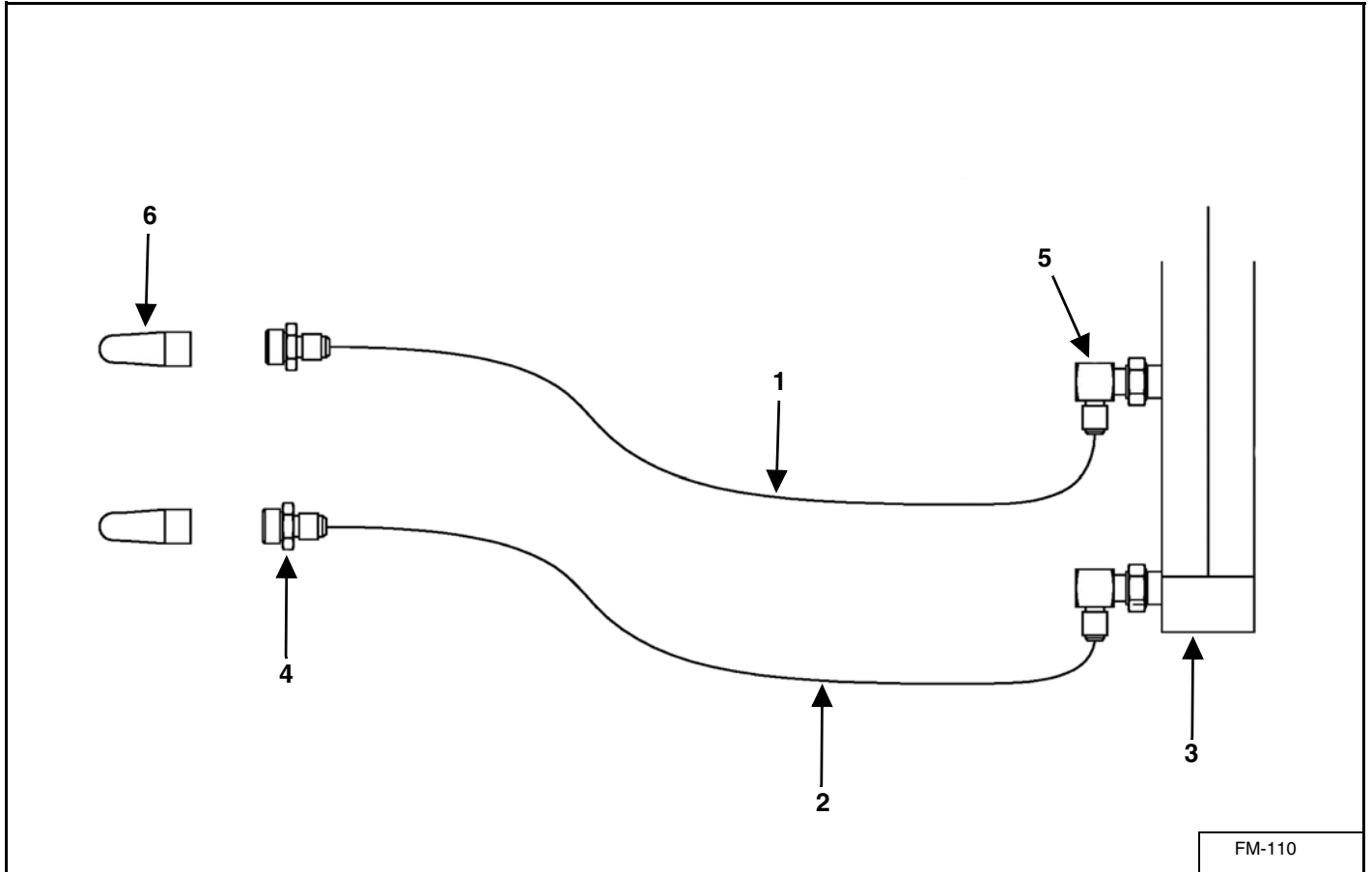
**OPTIONAL REAR DOOR HYDRAULIC SCHEMATIC  
FOR FRONT DOOR & SIDE DOOR MODELS**



| KEY | PART NUMBER        | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|--------------------|-----|--|---------------|
| 1   | 155-04R17-373-1    | 1   | 1/4 x 373" Hose Assembly (Optional Rear Door For Side Door)  | 585/700       |
|     | 155-04R17-387-1    | 1   | 1/4 x 387" Hose Assembly (Optional Rear Door For Front Door) | 585/700       |
|     | 155-04R17-387-1    | 1   | 1/4 x 387" Hose Assembly (Optional Rear Door For Side Door)  | 815/1015/1215 |
|     | 155-04R17-417-1    | 1   | 1/4 x 417" Hose Assembly (Optional Rear Door For Front Door) | 815/1015/1215 |
| 2   | 155-04R17-354-1    | 1   | 1/4 x 354" Hose Assembly (Optional Rear Door For Side Door)  | 585/700       |
|     | 155-04R17-373-1    | 1   | 1/4 x 373" Hose Assembly (Optional Rear Door For Front Door) | 585/700       |
|     | 155-04R17-373-1    | 1   | 1/4 x 373" Hose Assembly (Optional Rear Door For Side Door)  | 815/1015/1215 |
|     | 155-04R17-408-1    | 1   | 1/4 x 408" Hose Assembly (Optional Rear Door For Front Door) | 815/1015/1215 |
| 3   | 155-2-5-12-1.125-1 | 1   | 2-1/2 x 12 x 1-1/8" Hydraulic Cylinder                       | 585 - 1215    |
| 4   | 155-6400-6-8       | 2   | #6 JIC Male, #8 ORB Male Straight Connector                  | 585 - 1215    |
| 5   | 155-6801-6-8       | 2   | #6 JIC Male, #8 ORB Male Adjustable 90°                      | 585 - 1215    |
| 6   | 155-8010-15        | 2   | #8 ORB Male Tip 1/2" Body Size                               | 585 - 1215    |



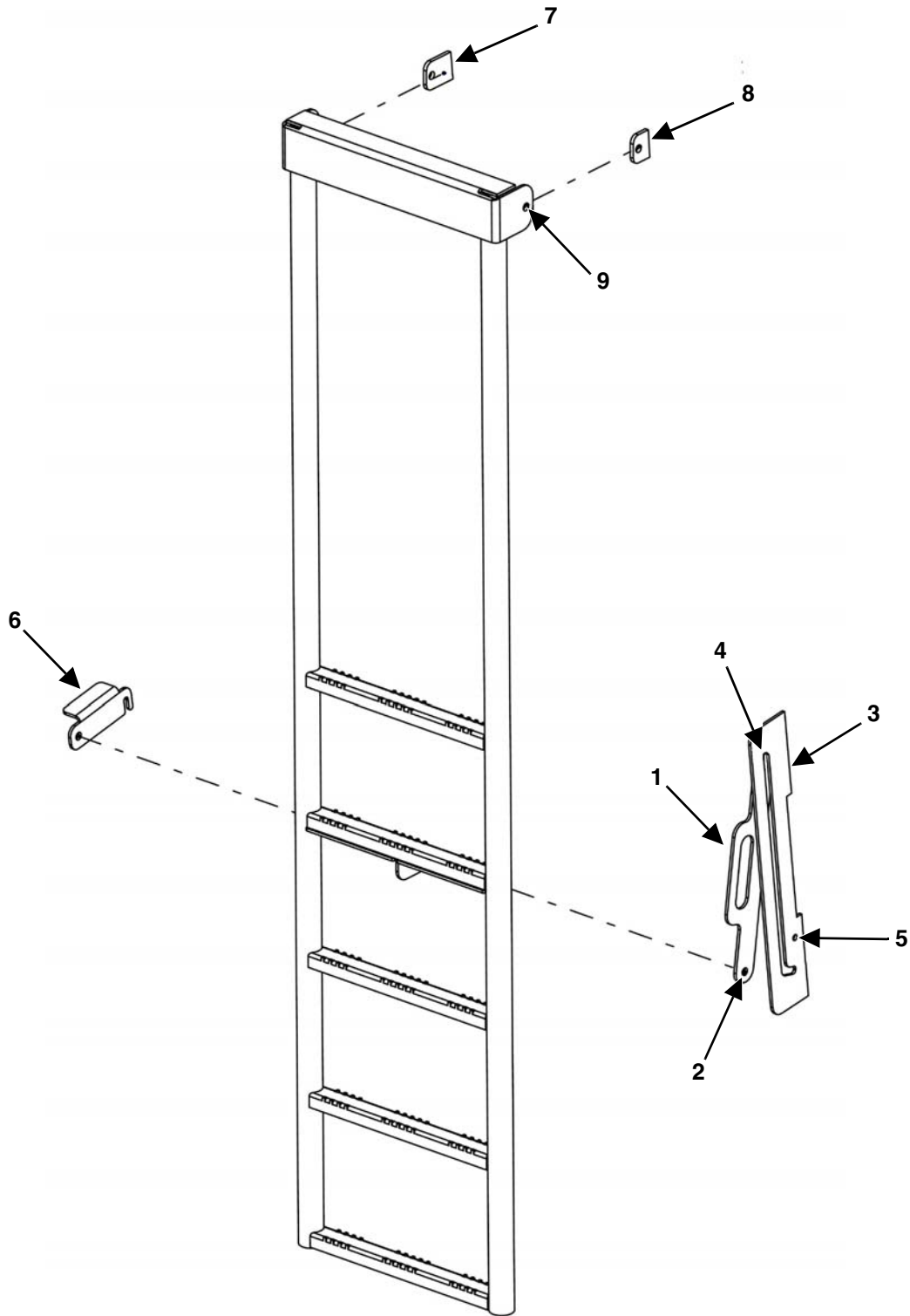
**DOOR HYDRAULIC SCHEMATIC  
FRONT / LEFT / RIGHT / DUAL LEFT AND RIGHT DOOR**



FM-110

| KEY | PART NUMBER        | QTY | DESCRIPTION  | MIXER MODEL   |
|-----|--------------------|-----|--|---------------|
| 1   | 155-04R17-208-1    | 1   | 1/4 x 208" Hose Assembly (Left, Right & Front Doors) | 585/700       |
|     | 155-04R17-251-1    | 1   | 1/4 x 251" Hose Assembly (Left & Right Doors)        | 815/1015/1215 |
|     | 155-04R17-233-1    | 1   | 1/4 x 233" Hose Assembly (Front Door)                | 815/1015/1215 |
| 2   | 155-04R17-193-1    | 1   | 1/4 x 193" Hose Assembly (Left, Right & Front Doors) | 585/700       |
|     | 155-04R17-240-1    | 1   | 1/4 x 240" Hose Assembly (Left & Right Doors)        | 815/1015/1215 |
|     | 155-04R17-218-1    | 1   | 1/4 x 218" Hose Assembly (Front Door)                | 815/1015/1215 |
| 3   | 155-2-5-12-1.125-1 | 1   | 2-1/2 x 12 x 1-1/8" Hydraulic Cylinder               | 585 - 1215    |
| 4   | 155-6400-6-8       | 2   | #6 JIC Male, #8 ORB Male Straight Connector          | 585 - 1215    |
| 5   | 155-6801-6-8       | 2   | #6 JIC Male, #8 ORB Male Adjustable 90°              | 585 - 1215    |
| 6   | 155-8010-15        | 2   | #8 ORB Male Tip 1/2" Body Size                       | 585 - 1215    |

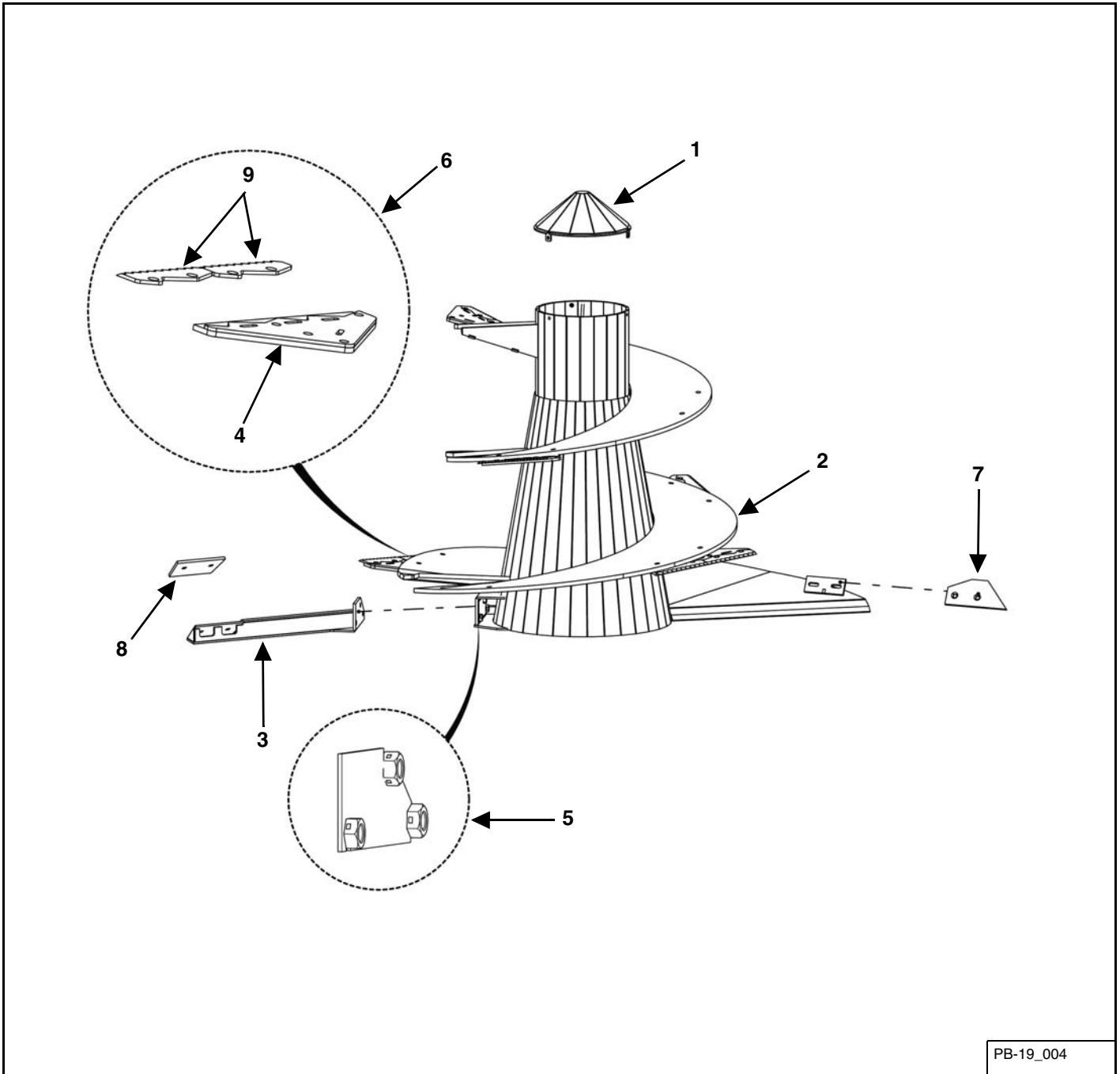
# LADDER



FM-135

| KEY | PART NUMBER     | QTY | DESCRIPTION                                     | MIXER MODEL |
|-----|-----------------|-----|---|-------------|
| 0   | M10-1-5-0001    | 1   | Ladder Weldment                                 | 585         |
|     | M10-1-7-0001    | 1   | Ladder Weldment                                 | 700         |
|     | M10-1-8-0002    | 1   | Ladder Weldment                                 | 815         |
|     | M10-1-10-0001   | 1   | Ladder Weldment                                 | 1015        |
|     | M10-1-12-0001   | 1   | Ladder Weldment                                 | 1215        |
| 1   | M10-1-4-0001-4  | 1   | Ladder Handle                                   | 585 - 1215  |
| 2   | 851-5013-1.75Z  | 1   | 1/2-13 x 1-3/4" Bolt                            | 585 - 1215  |
|     | 805-0050-Z      | 2   | 1/2" Flat Washer                                | 585 - 1215  |
|     | 815-5013-Z      | 1   | 1/2-13 Nylon Lock Nut                           | 585 - 1215  |
| 3   | M2-1-4-0001-48  | 1   | Ladder Guide (Welded On)                        | 585/700/815 |
|     | M2-1-10-0001-16 | 1   | Ladder Guide (Welded On)                        | 1015        |
|     | M2-1-12-0001-25 | 1   | Ladder Guide (Welded On)                        | 1215        |
| 4   | 851-5013-1.5Z   | 1   | 1/2-13 x 1-1/2" Bolt                            | 585 - 1215  |
|     | 805-0050-Z      | 2   | 1/2" Flat Washer                                | 585 - 1215  |
|     | 815-5013-Z      | 1   | 1/2-13 Nylon Lock Nut                           | 585 - 1215  |
| 5   | 851-3816-1.5Z   | 1   | 3/8-16 x 1-1/2" Bolt                            | 585 - 1215  |
|     | 810-3816-Z      | 2   | 3/8" Spin Lock Nut                              | 585 - 1215  |
| 6   | M10-1-4-0001-5  | 1   | Ladder Latch                                    | 585 - 1215  |
| 7   | M2-1-7-0001-26  | 1   | Left Ladder Mount, Front Discharge (Welded On)  | 585/700     |
|     | M2-1-7-0001-29  | 1   | Left Ladder Mount, Side Discharge (Welded On)   | 585/700     |
|     | M2-1-10-0001-15 | 1   | Left Ladder Mount, Front Discharge (Welded On)  | 815/1015    |
|     | M2-1-10-0001-11 | 1   | Left Ladder Mount, Side Discharge (Welded On)   | 815/1015    |
|     | M2-1-12-0001-23 | 1   | Left Ladder Mount, Side Discharge (Welded On)   | 1215        |
| 8   | M2-1-7-0001-25  | 1   | Right Ladder Mount, Front Discharge (Welded On) | 585/700     |
|     | M2-1-7-0001-28  | 1   | Right Ladder Mount, Side Discharge (Welded On)  | 585/700     |
|     | M2-1-10-0001-14 | 1   | Right Ladder Mount, Front Discharge (Welded On) | 815/1015    |
|     | M2-1-10-0001-12 | 1   | Right Ladder Mount, Side Discharge (Welded On)  | 815/1015    |
|     | M2-1-12-0001-24 | 1   | Right Ladder Mount, Side Discharge (Welded On)  | 1215        |
| 9   | 851-5013-1.5Z   | 2   | 1/2-13 x 1-1/2" Bolt                            | 585 - 1215  |
|     | 805-0050-Z      | 2   | 1/2" Flat Washer                                | 585 - 1215  |
|     | 815-5013-Z      | 2   | 1/2-13 Nylon Lock Nut                           | 585 - 1215  |

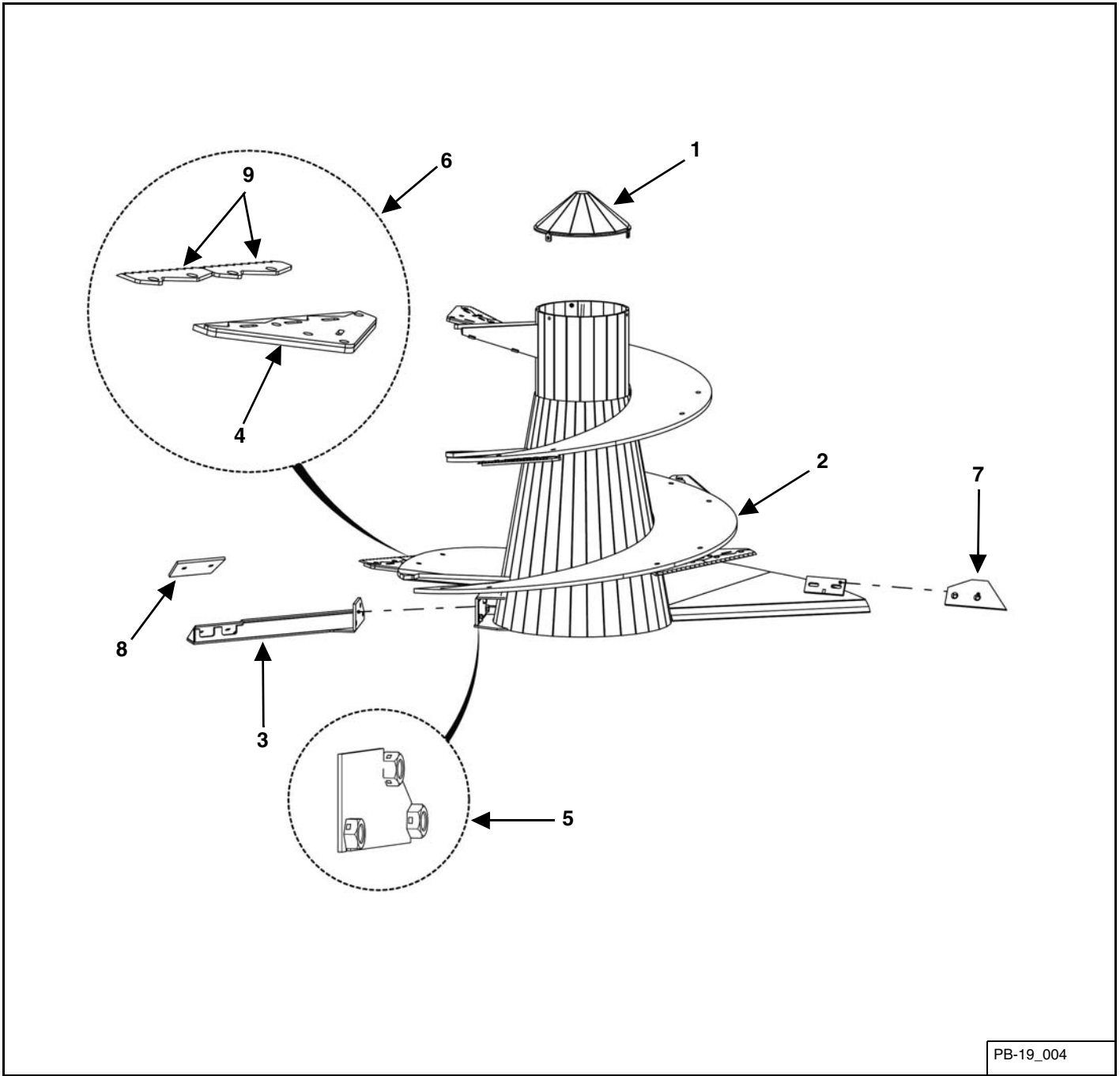
# AUGER



PB-19\_004

| KEY | PART NUMBER     | QTY   | DESCRIPTION   | MIXER MODEL   |
|-----|-----------------|-------|---|---------------|
| 0   | M5-1-5-0001     | 2     | Auger Assembly, Complete With Knives, Backer & Hardware                 | 585           |
|     | M5-1-7-0001     | 2     | Auger Assembly, Complete With Knives, Backer & Hardware                 | 700           |
|     | M5-1-8-0008     | 2     | Auger Assembly, Complete With Knives, Backer & Hardware                 | 815           |
|     | M5-1-10-0001    | 2     | Auger Assembly, Complete With Knives, Backer & Hardware                 | 1015          |
|     | M5-1-10-0003    | 2     | Auger Assembly, Complete With Knives, Backer & Hardware                 | 1015P/1015C   |
|     | M5-1-12-0001    | 2     | Auger Assembly, Complete With Knives, Backer & Hardware                 | 1215          |
| 1   | M5-1-8-0002     | 2     | Auger Top Cap Weldment  | 585 - 1215    |
|     | 851-3118-1.25SS | 6 per | 5/16"-18 x 1-1/4" Stainless Steel Bolts                                 | 585 - 1215    |
|     | 805-0031-Z      | 6 per | 5/16" Flat Washer   | 585 - 1215    |
|     | 822-0031-Z      | 6 per | 5/16" Split Lock Washer   | 585 - 1215    |
| 2   | M5-1-5-0001-1   | 2     | Auger Weldment  | 585           |
|     | M5-1-7-0001-1   | 2     | Auger Weldment  | 700           |
|     | M5-1-8-0008-1   | 2     | Auger Weldment  | 815           |
|     | M5-1-10-0001-1  | 2     | Auger Weldment  | 1015          |
|     | M5-1-10-0002-1  | 2     | Auger Weldment  | 1015P/1015C   |
|     | M5-1-12-0001-1  | 2     | Auger Weldment  | 1215          |
| 3   | M5-1-7-0005     | 2     | Kicker Weldment   | 585/700       |
|     | M5-1-8-0014     | 2     | Kicker Weldment   | 815/1015/1215 |
|     | 881-6311-1.75Z  | 4     | 5/8"-11 x 1-3/4" Bolt   | 585 - 1215    |
| 4   | M11-1-0040      | 10    | Backer Weldment For Knives  | 585/700/815   |
|     | M11-1-0041      | 10    | HD Backer Weldment For Knives   | 585/700/815   |
|     | M11-1-0040      | 12    | Backer Weldment For Knives  | 1015/1215     |
|     | M11-1-0041      | 12    | HD Backer Weldment For Knives   | 1015/1215     |
|     | 832-6311-2      | 1 per | 5/8"-11 x 2" Button Head / Allen Head Bolt (Round Hole Auger Flighting) | 585 - 1215    |
|     | 832-6311-2.5    | 1 per | 5/8"-11 x 2" Button Head / Allen Head Bolt (Round Hole Auger Flighting) | 585 - 1215    |
|     | 880-6311-2Z     | 1 per | 5/8" -11 x 2" Carriage Bolt Zinc (Square Hole Auger Flighting)          | 585 - 1215    |
|     | 880-6311-2.5Z   | 1 per | 5/8" -11 x 2" Carriage Bolt Zinc (Square Hole Auger Flighting)          | 585 - 1215    |
|     | 886-6311-Z      | 2 per | 5/8" -11 Center Lock Nut  | 585 - 1215    |

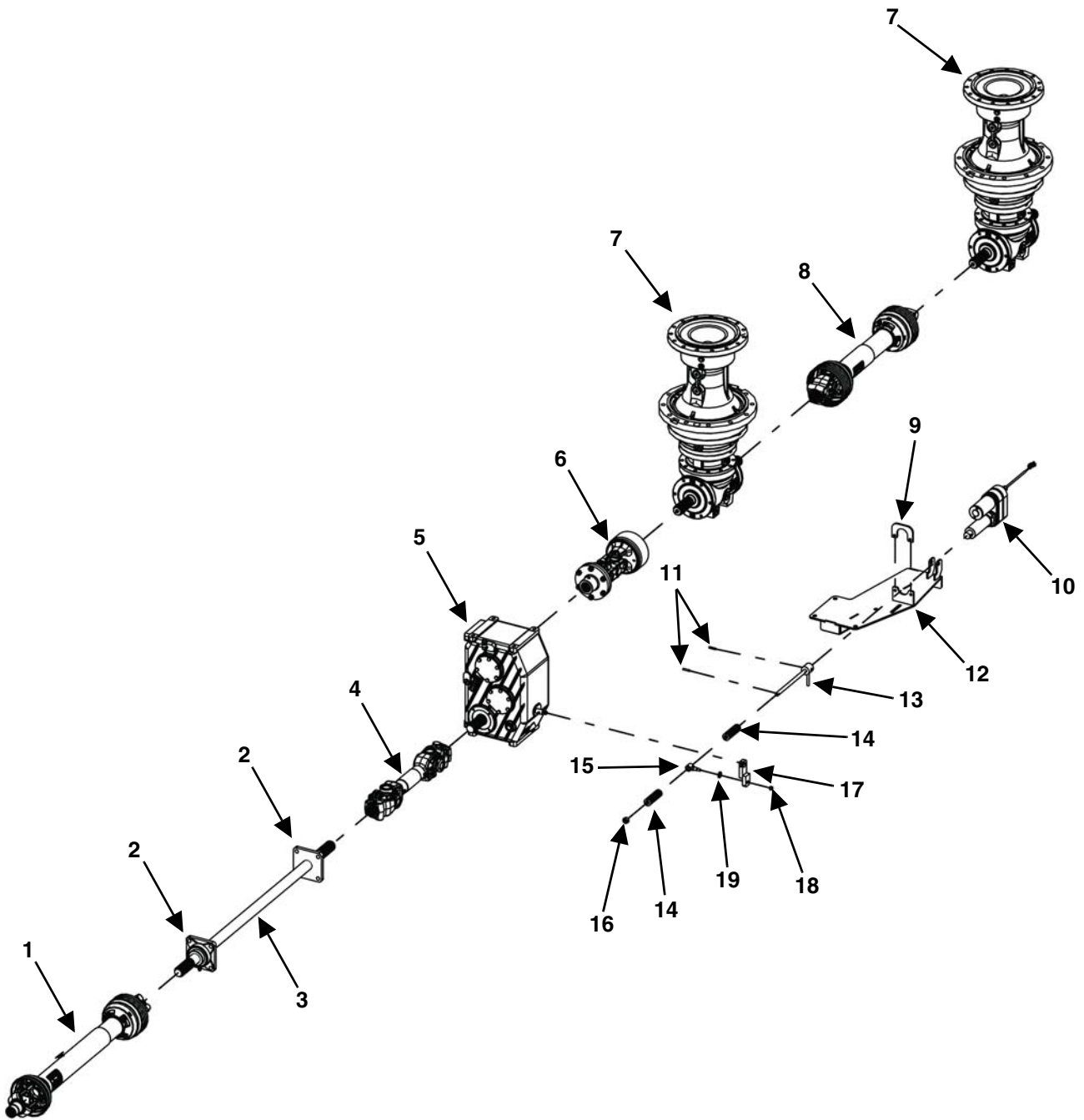
# AUGER (CONT'D)



PB-19\_004

| KEY | PART NUMBER    | QTY   | DESCRIPTION   | MIXER MODEL |
|-----|----------------|-------|---|-------------|
| 5   | M5-1-8-0007    | 2     | Auger Kicker Nut Holder Weldment                              | 585 - 1215  |
| 6   | M11-1-0040-K   | 10    | Mixer Knife Assembly (Includes Knives, Backers & Hardware)    | 585/700/815 |
|     | M11-1-0041-K   | 10    | Mixer HD Knife Assembly (Includes Knives, Backers & Hardware) | 585/700/815 |
|     | M11-1-0040-K   | 12    | Mixer Knife Assembly (Includes Knives, Backers & Hardware)    | 1015/1215   |
|     | M11-1-0041-K   | 12    | Mixer HD Knife Assembly (Includes Knives, Backers & Hardware) | 1015/1215   |
| 7   | M5-1-8-0005-K  | 2     | Auger Scraper With Hardware                                   | 585 - 1215  |
|     | 852-5013-1.75Z | 2 per | 1/2"-13 x 1-3/4" Flat Head Socket Cap Screw                   | 585 - 1215  |
|     | 815-5013-Z     | 2 per | 1/2"-13 Nylon Lock Nut  | 585 - 1215  |
|     | 828-0050-Z     | 2 per | 1/2" SAE Washer   | 585 - 1215  |
| 8   | M5-1-8-0006-K  | 2     | Kicker Wear Plate With Hardware                               | 585 - 1215  |
|     | 852-5013-1.75Z | 2 per | 1/2-13 x 1-3/4" Flat Head Socket Cap Screw                    | 585 - 1215  |
|     | 815-5013-Z     | 2 per | 1/2 -13 Nylon Lock Nut  | 585 - 1215  |
|     | 828-0050-Z     | 2 per | 1/2" SAE Washer   | 585 - 1215  |
| 9   | M11-1-0042-K   | AR    | One Blade With Hardware                                       | 585 - 1215  |
|     | 803-3816-1Z    | 2 per | 3/8-16 x 1" Flat Head Socket Cap Screw                        | 585 - 1215  |
|     | 814-3816-Z     | 2 per | 3/8-16 Center Lock Nut  | 585 - 1215  |

585 - 1215 DRIVELINE

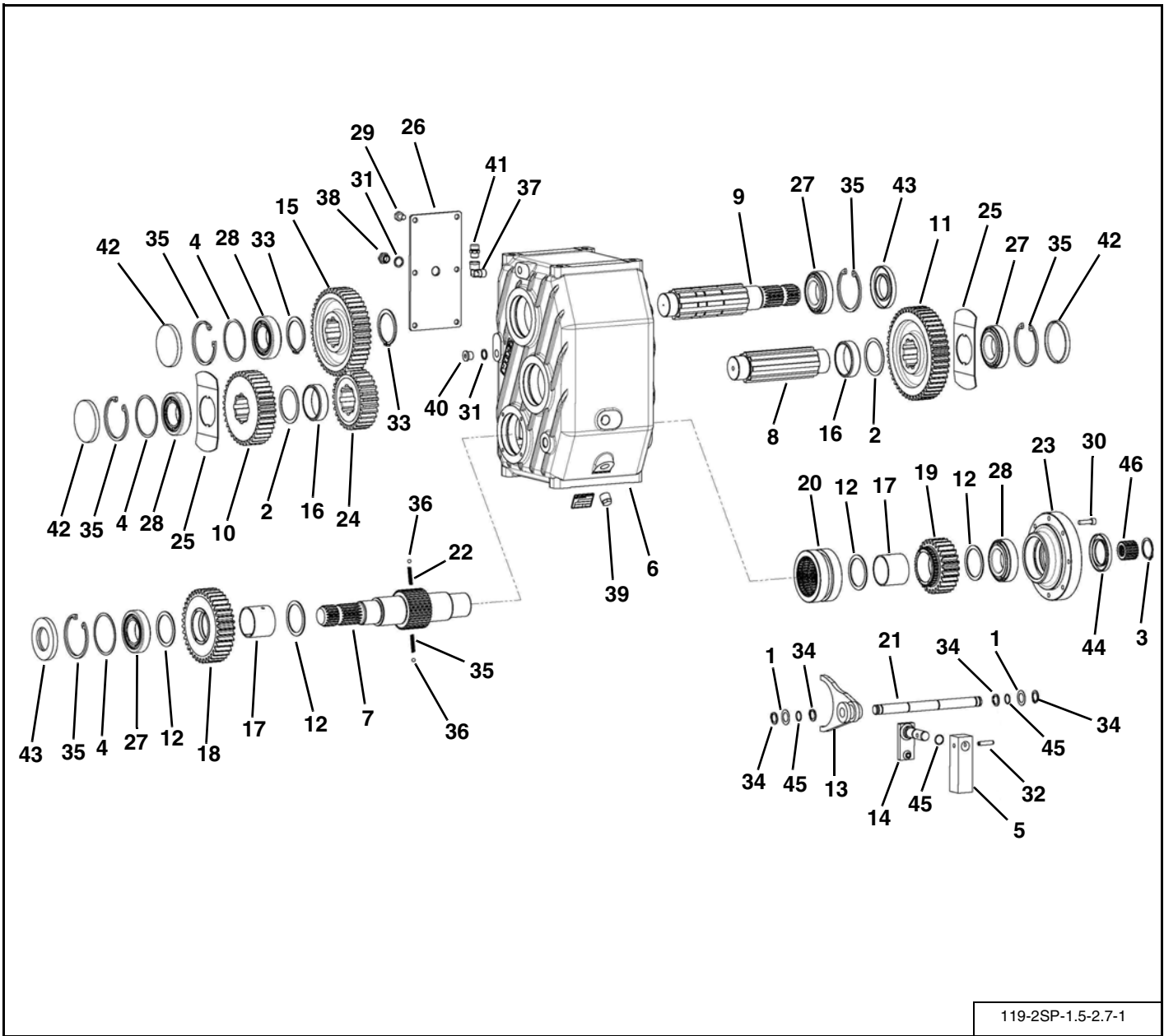


PB-19\_003



| KEY | PART NUMBER      | QTY | DESCRIPTION   | MIXER MODEL |
|-----|------------------|-----|---|-------------|
| 1   | See Page 108     | 1   | 1-3/8-21 Spline PTO Complete  | 585/700     |
|     | See Page 112     | 1   | 1-3/8-21 Spline PTO Complete  | 815 - 1215  |
|     | See Page 114     | 1   | 1-3/4-20 Spline Tractor 1/2 PTO (Optional)                                      | 815 - 1215  |
| 2   | 914-3819         | 2   | 1-3/4" 4-Bolt Bearing   | 585 - 1215  |
| 3   | 123-1.75-0018    | 1   | PTO Extension Drive Shaft, Front Discharge                                      | 585/700     |
|     | 123-1.75-0017    | 1   | PTO Extension Drive Shaft, Side Discharge                                       | 585/700     |
|     | 123-1.75-0014    | 1   | PTO Extension Drive Shaft, Front Discharge                                      | 815/1015    |
|     | 123-1.75-0015    | 1   | PTO Extension Drive Shaft, Side Discharge                                       | 815/1015    |
|     | 123-1.75-0019    | 1   | PTO Extension Drive Shaft, Front Discharge                                      | 1015C/1215  |
|     | 123-1.75-0013    | 1   | PTO Extension Drive Shaft, Side Discharge                                       | 1015C/1215  |
| 4   | See Page 116     | 1   | 1-3/4-20 Spline PTO Complete  | 585 - 1215  |
| 5   | See Page 90      | 1   | 2-Speed Shifting Gearbox 1.51:1/2.73:1 1.75-20 Spline                           | 585/700     |
|     | See Page 92      | 1   | 2-Speed Shifting Gearbox 1.00:1/1.50:1 1.75-20 Spline                           | 815/1015    |
|     | See Page 92      | 1   | 2-Speed Shifting Gearbox 1.00:1/1.50:1 1.75-20 Spline (Prior to SN 21VM1015205) | 1015P       |
|     | See Page 94      | 1   | 2-Speed Shifting Gearbox 1.00:1/1.50:1 1.75-20 Spline (SN 21VM1015205 & Later)  | 1015P       |
|     | See Page 94      | 1   | 2-Speed Shifting Gearbox 1.00:1/1.50:1 1.75-20 Spline                           | 1015C/1215  |
| 6   | See Page 117     | 1   | Double Universal Joint W/Cutout Clutch  | 585 - 1215  |
| 7   | See Page 98      | 2   | 1800 Series Planetary Gearbox   | 585/700     |
|     | See Page 100     | 2   | 2100 Series Planetary Gearbox   | 815/1015    |
|     | 851-6311-2.5Z    | 24  | 5/8-11 x 2-1/2" Machine Bolt  | 585 - 1015  |
|     | 814-6311-Z       | 24  | 5/8-11 Indented Lock Nut  | 585 - 1015  |
|     | See Page 103     | 2   | 3200 Series Planetary Gearbox   | 1015C/1215  |
|     | 851-M22-2.5-80-Z | 24  | M22-2.5 x 80mm Machine Bolt   | 1015C/1215  |
|     | 815-M22-2.5-Z    | 24  | M22-2.5 Nylon Insert Lock Nut   | 1015C/1215  |
| 8   | See Page 119     | 1   | Planetary to Planetary Drive Shaft  | 585 - 1215  |
| 9   | M11-2-0001-4     | 1   | 2-Speed Top Cylinder Mount  | 585 - 1215  |
| 10  | 56-0123          | 1   | 12V Linear Actuator With Plug   | 585 - 1215  |
| 11  | 38-0003          | 2   | 1/4" x 1-1/4" Roll Pin  | 585 - 1215  |
| 12  | M11-5-0006       | 1   | 2-Speed Shift Mount Weldment  | 585/700     |
|     | M11-2-0011       | 1   | 2-Speed Shift Mount Weldment  | 815/1015    |
|     | M11-13-0001      | 1   | 2-Speed Shift Mount Weldment  | 1015C/1215  |
| 13  | M11-2-0003       | 1   | 2-Speed Shift Rod Weldment  | 585 - 1215  |
| 14  | 29-0036          | 2   | 2-Speed Die Spring  | 585 - 1215  |
| 15  | M11-13-0006      | 1   | Shift Pivot Tube Weldment   | 585 - 1015  |
|     | M11-13-0004-2    | 1   | Shift Pivot Tube Weldment   | 1015C/1215  |
| 16  | 814-5612-Z       | 1   | 9/16-12 Indented Lock Nut   | 585 - 1215  |
| 17  | M11-13-0005      | 1   | Shifter Arm Weldment  | 585 - 1015  |
|     | M11-13-0004-1    | 1   | Shifter Arm   | 1015C/1215  |
| 18  | 814-3816-Z       | 1   | 3/8-16 Indented Lock Nut  | 585 - 1215  |
| 19  | M11-13-0004-3    | 1   | Spacer  | 585 - 1215  |

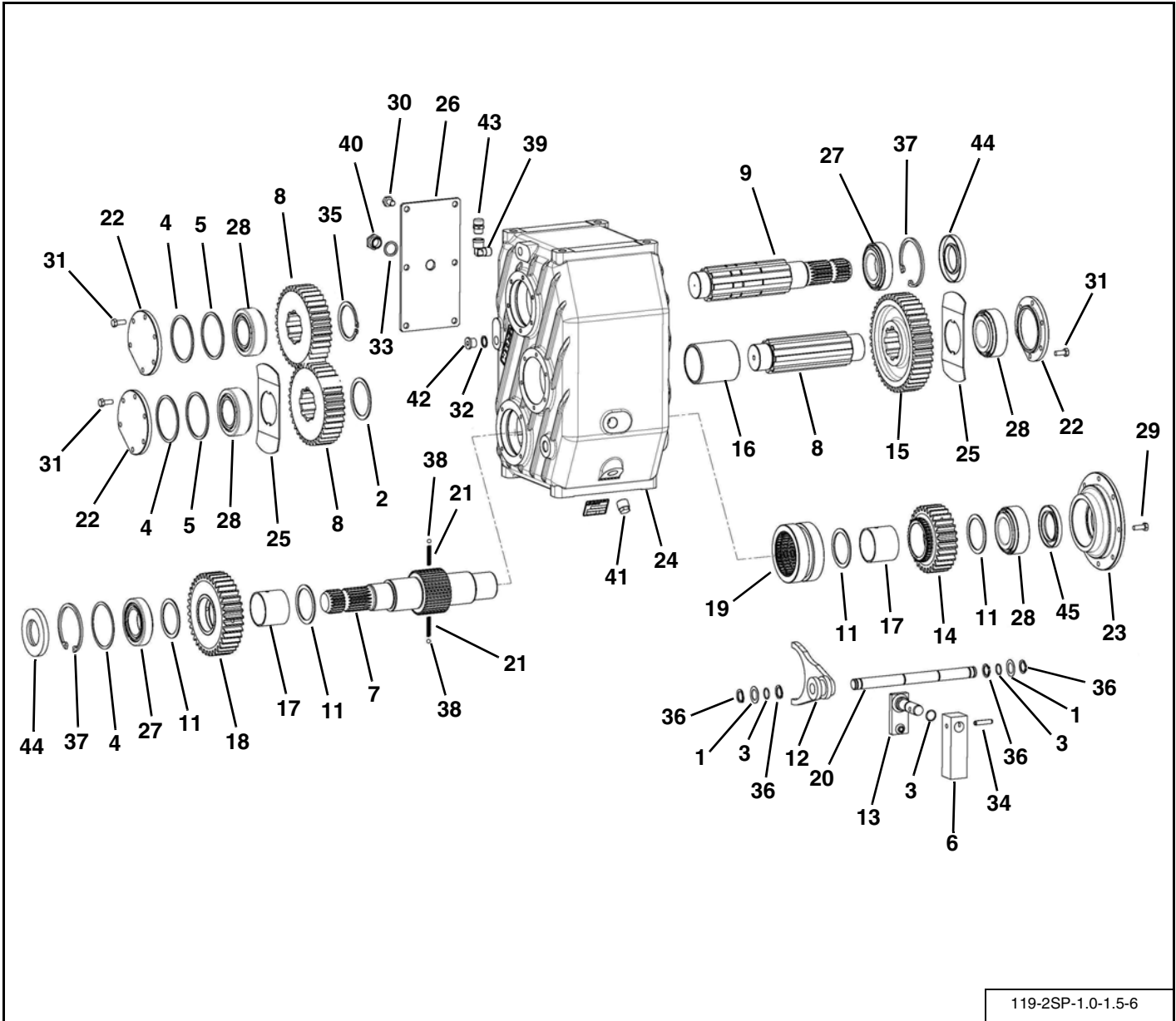
### 585/700 2-SPEED GEARBOX



| KEY | PART NUMBER       | QTY | DESCRIPTION   |
|-----|-------------------|-----|---|
| 0   | 119-2SP-1.5-2.7-1 | 1   | 2-Speed Shifting Gearbox 1.51:1/2.73:1 1.75-20 Spline |
| 1   | 119-2SP-C-1       | 2   | Shim Kit  |
| 2   | 119-2SP-C-122     | 2   | Shim  |
| 3   | 119-2SP-C-134     | 1   | Snap Ring   |
| 4   | 119-2SP-C-85      | 3   | Shim Kit  |
| 5   | 119-2SP-C-30      | 1   | Outer Lever   |
| 6   | 119-2SP-C-123     | 1   | Housing   |
| 7   | 119-2SP-C-87      | 1   | Shaft   |
| 8   | 119-2SP-C-88      | 1   | Middle Shaft  |
| 9   | 119-2SP-C-89      | 1   | Shaft   |

| KEY | PART NUMBER   | QTY | DESCRIPTION         |
|-----|---------------|-----|---------------------|
| 10  | 119-2SP-C-124 | 1   | Gear                |
| 11  | 119-2SP-C-125 | 1   | Gear                |
| 12  | 119-2SP-C-91  | 4   | Thrust Washer       |
| 13  | 119-2SP-C-92  | 1   | Fork                |
| 14  | 119-2SP-C-93  | 1   | Inner Lever         |
| 15  | 119-2SP-C-95  | 1   | Crown Wheel         |
| 16  | 119-2SP-C-126 | 2   | Spacer              |
| 17  | 119-2SP-C-97  | 2   | Bushing             |
| 18  | 119-2SP-C-98  | 1   | Gear                |
| 19  | 119-2SP-C-127 | 1   | Gear                |
| 20  | 119-2SP-C-99  | 1   | Slide Gear          |
| 21  | 119-2SP-C-100 | 1   | Gear Selector Rod   |
| 22  | 119-2SP-C-101 | 2   | Spring              |
| 23  | 119-2SP-C-128 | 1   | Flange Saw          |
| 24  | 119-2SP-C-129 | 1   | Gear                |
| 25  | 119-2SP-C-105 | 2   | Lubricating Sheet   |
| 26  | 119-2SP-C-106 | 1   | Cover               |
| 27  | 119-2SP-C-107 | 3   | Roller Bearing      |
| 28  | 119-2SP-C-130 | 3   | Roller Bearing      |
| 29  | 119-2SP-C-43  | 6   | M10 x 16mm Bolt     |
| 30  | 119-2SP-C-131 | 8   | M8 x 300mm Bolt     |
| 31  | 119-2SP-C-111 | 2   | Aluminum Washer     |
| 32  | 119-2SP-C-48  | 1   | Spring Pin          |
| 33  | 119-2SP-C-112 | 2   | Snap Ring           |
| 34  | 119-2SP-C-50  | 4   | Snap Ring           |
| 35  | 119-2SP-C-113 | 5   | Snap Ring           |
| 36  | 119-2SP-C-114 | 2   | Ball                |
| 37  | 119-2SP-C-115 | 1   | 90 Degree Elbow     |
| 38  | 119-2SP-C-132 | 1   | Level Warning Light |
| 39  | 119-2SP-C-117 | 1   | 1/2" Plug           |
| 40  | 119-2SP-C-118 | 1   | 3/8" Plug           |
| 41  | 119-2SP-C-119 | 1   | 3/8" Breather Plug  |
| 42  | 119-2SP-C-66  | 3   | Cap                 |
| 43  | 119-2SP-C-120 | 2   | Double Lip Seal     |
| 44  | 119-2SP-C-121 | 1   | Dust Lip            |
| 45  | 119-2SP-C-74  | 3   | O-Ring              |
| 46  | 119-2SP-C-133 | 1   | Joint               |

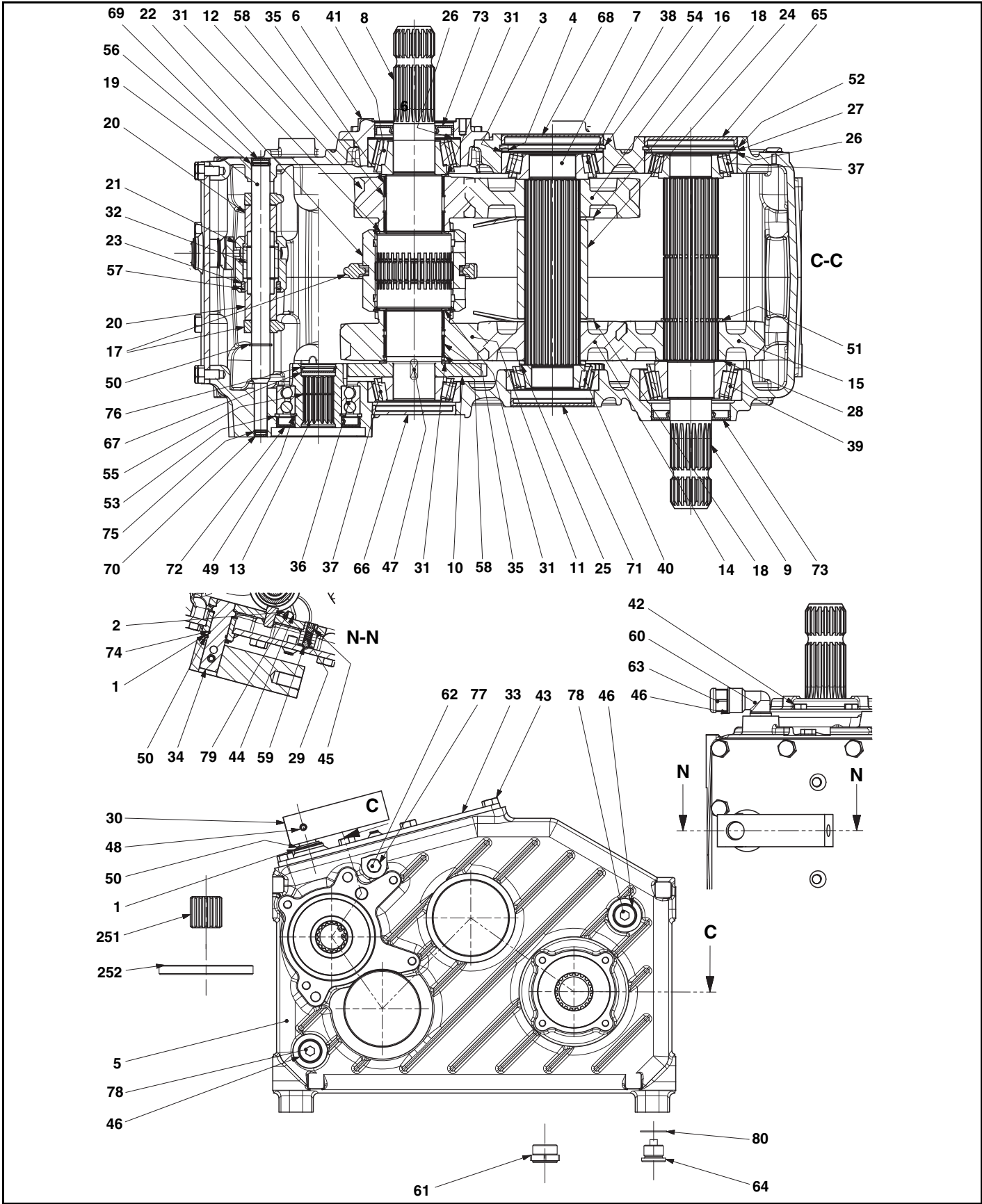
**815/1015 2-SPEED GEARBOX  
(1015 PRIOR TO SN 21VM1015205)**



| KEY | PART NUMBER       | QTY | DESCRIPTION   |
|-----|-------------------|-----|---|
| 0   | 119-2SP-1.0-1.5-6 | 1   | 2-Speed Shifting Gearbox 1.00:1/1.50:1 1.75-20 Spline |
| 1   | 119-2SP-C-1       | 2   | Shim Kit  |
| 2   | 119-2SP-C-83      | 1   | Shim  |
| 3   | 119-2SP-C-74      | 3   | O-Ring  |
| 4   | 119-2SP-C-85      | 3   | Shim Kit  |
| 5   | 119-2SP-C-86      | 2   | Shim  |
| 6   | 119-2SP-C-30      | 1   | Outer Lever   |
| 7   | 119-2SP-C-87      | 1   | Shaft   |
| 8   | 119-2SP-C-88      | 1   | Middle Shaft  |
| 9   | 119-2SP-C-89      | 1   | Shaft   |

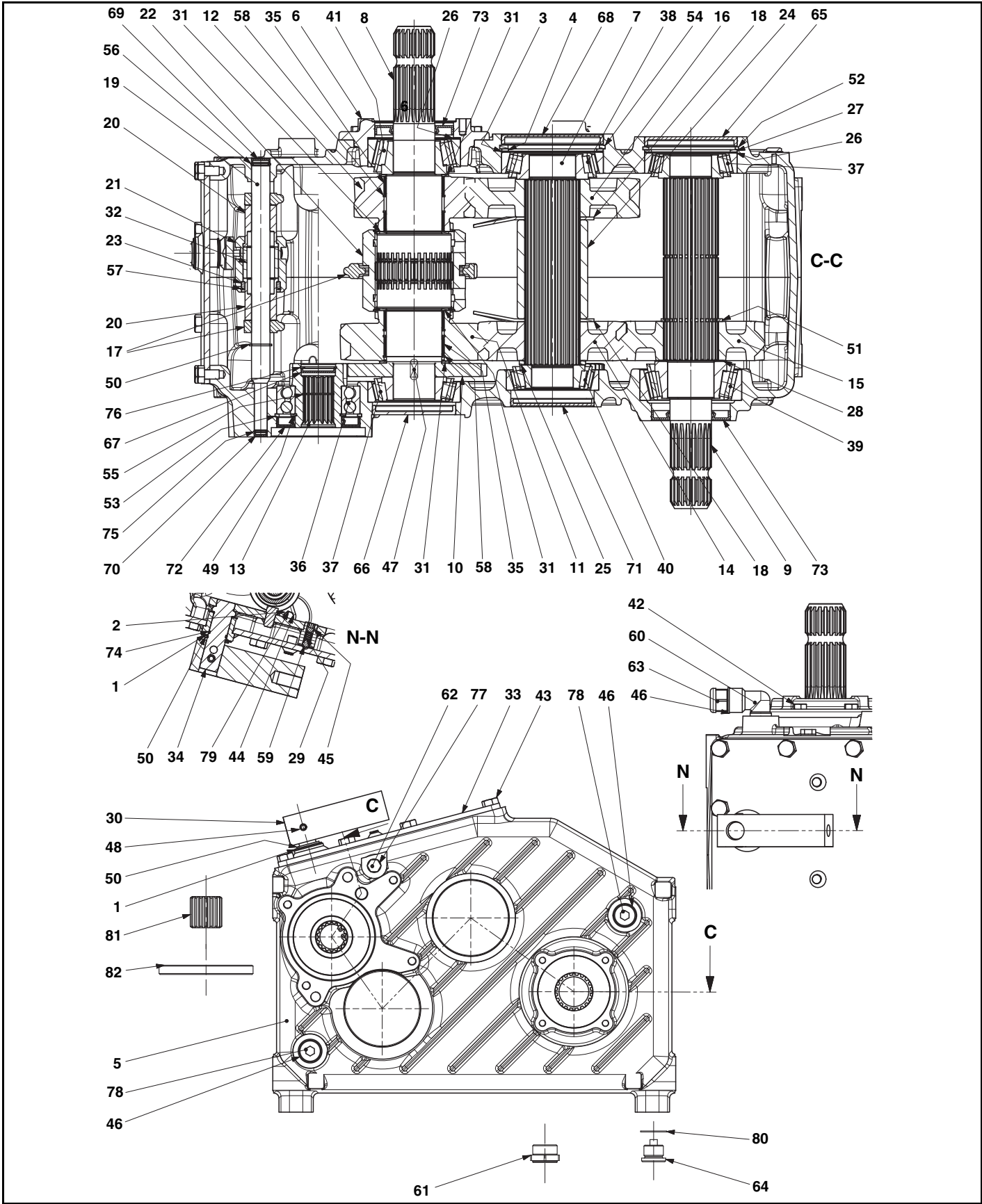
| KEY | PART NUMBER      | QTY | DESCRIPTION                      |
|-----|------------------|-----|----------------------------------|
| 10  | 119-2SP-C-90     | 2   | Gear                             |
| 11  | 119-2SP-C-91     | 4   | Thrust Washer                    |
| 12  | 119-2SP-C-92     | 1   | Fork                             |
| 13  | 119-2SP-C-93     | 1   | Inner Lever                      |
| 14  | 119-2SP-C-94     | 1   | Gear                             |
| 15  | 119-2SP-C-95     | 1   | Crown Wheel                      |
| 16  | 119-2SP-C-96     | 1   | Spacer                           |
| 17  | 119-2SP-C-97     | 2   | Bushing                          |
| 18  | 119-2SP-C-98     | 1   | Gear                             |
| 19  | 119-2SP-C-99     | 1   | Slide Gear                       |
| 20  | 119-2SP-C-100    | 1   | Gear Selector Rod                |
| 21  | 119-2SP-C-101    | 2   | Spring                           |
| 22  | 119-2SP-C-102    | 3   | Cover                            |
| 23  | 119-2SP-C-103    | 1   | Cover                            |
| 24  | 119-2SP-C-104    | 1   | Casing                           |
| 25  | 119-2SP-C-105    | 2   | Lubricating Sheet                |
| 26  | 119-2SP-C-106    | 1   | Cover                            |
| 27  | 119-2SP-C-107    | 2   | Roller Bearing                   |
| 28  | 119-2SP-C-108    | 4   | Bearing                          |
| 29  | 119-2SP-C-109    | 8   | M8 x 22mm Bolt                   |
| 30  | 119-2SP-C-43     | 6   | M10 x 16 Bolt                    |
| 31  | 119-2SP-C-110    | 18  | M8 x 20 mm Bolt                  |
| 32  | 119-2SP-C-111    | 1   | Aluminum Washer                  |
| 33  | 119-2SP-C-46     | 1   | Aluminum Washer                  |
| 34  | 119-2SP-C-48     | 1   | Spring Pin                       |
| 35  | 119-2SP-C-112    | 1   | Snap Ring                        |
| 36  | 119-2SP-C-50     | 4   | Snap Ring                        |
| 37  | 119-2SP-C-113    | 2   | Snap Ring                        |
| 38  | 119-2SP-C-114    | 2   | Ball                             |
| 39  | 119-2SP-C-115    | 1   | 90 Degree Elbow                  |
| 40  | 119-2SP-C-116    | 1   | Level Warning Light              |
| 41  | 119-2SP-C-117    | 1   | 1/2" Plug                        |
| 42  | 119-2SP-C-118    | 1   | 3/8" Plug                        |
| 43  | 119-2SP-C-119    | 1   | 3/8" Breather Plug               |
| 44  | 119-2SP-C-120    | 2   | Double Lip Seal                  |
| 45  | 119-2SP-C-121    | 1   | Dust Lip                         |
| NS  | M11-13-0011      | 1   | Gearbox Pump Cover               |
|     | M11-13-0012      | 1   | Gearbox Pump Cover Seal          |
|     | 851-M10-1.5-20-Z | 3   | M1-1.5 x 20MM Hex Head Cap Screw |

1015C - 1215 2-SPEED GEARBOX  
 (1015P SN 21VM1015205 & Later)



| KEY | PART NUMBER        | QTY | DESCRIPTION  |
|-----|--------------------|-----|--|
| 0   | 119-2SP-1.0-1.5-9K | 1   | 2-Speed Shifting Gearbox 1.00:1/1.50:1 1.75-20 Spline                    |
| 1   | 119-2SP-C-1        | 1   | Shim   |
| 2   | 119-2SP-C-2        | 1   | Shim   |
| 3   | 119-2SP-C-3        | 1   | Shim   |
| 4   | 119-2SP-C-4        | 1   | Shim   |
| 5   | 119-2SP-C-5        | 1   | Casing   |
| 6   | 119-2SP-C-6        | 1   | Cover  |
| 7   | 119-2SP-C-7        | 1   | Middle Shaft   |
| 8   | 119-2SP-C-8        | 1   | Input Shaft  |
| 9   | 119-2SP-C-9        | 1   | Output Shaft   |
| 10  | 119-2SP-C-10       | 1   | Pinion   |
| 11  | 119-2SP-C-11       | 1   | Gear   |
| 12  | 119-2SP-C-12       | 1   | Gear   |
| 13  | 119-2SP-C-13       | 1   | Pinion   |
| 14  | 119-2SP-C-14       | 1   | Crown Wheel  |
| 15  | 119-2SP-C-15       | 1   | Crown Wheel  |
| 16  | 119-2SP-C-16       | 1   | Crown Wheel  |
| 17  | 119-2SP-C-17       | 1   | Pivot  |
| 18  | 119-2SP-C-18       | 2   | Lubrication Sheet  |
| 19  | 119-2SP-C-19       | 1   | Gear Selector Rod  |
| 20  | 119-2SP-C-20       | 2   | Slide Gear   |
| 21  | 119-2SP-C-21       | 1   | Slide Gear   |
| 22  | 119-2SP-C-22       | 1   | Slide Gear   |
| 23  | 119-2SP-C-23       | 1   | Spacer   |
| 24  | 119-2SP-C-24       | 1   | Spacer   |
| 25  | 119-2SP-C-25       | 1   | Spacer   |
| 26  | 119-2SP-C-26       | 2   | Shim   |
| 27  | 119-2SP-C-27       | 1   | Shim   |
| 28  | 119-2SP-C-28       | 1   | Shim   |
| 29  | 119-2SP-C-29       | 1   | Spring   |
| 30  | 119-2SP-C-30       | 1   | Outer Lever  |
| 31  | 119-2SP-C-31       | 4   | Thrust Washer  |
| 32  | 119-2SP-C-135      | 1   | Spacer (1015P)   |
|     | VAL-IL-ISC-613     | 1   | Gearbox Shift Collar Kit (1015C/1215) Prior to SN 20VM(1015216, 1215206) |
|     | 119-2SP-C-135      | 1   | Spacer (1015C/1215) SN 20VM(1015216, 1215206) & Later                    |
| 33  | 119-2SP-C-33       | 1   | Cover  |
| 34  | 119-2SP-C-34       | 1   | Inner Lever  |
| 35  | 119-2SP-C-35       | 4   | Needle Bearing   |
| 36  | 119-2SP-C-36       | 1   | Bearing  |
| 37  | 119-2SP-C-37       | 2   | Bearing  |
| 38  | 119-2SP-C-38       | 1   | Bearing  |
| 39  | 119-2SP-C-39       | 1   | Bearing  |
| 40  | 119-2SP-C-40       | 1   | Bearing  |
| 41  | 119-2SP-C-41       | 1   | Bearing  |

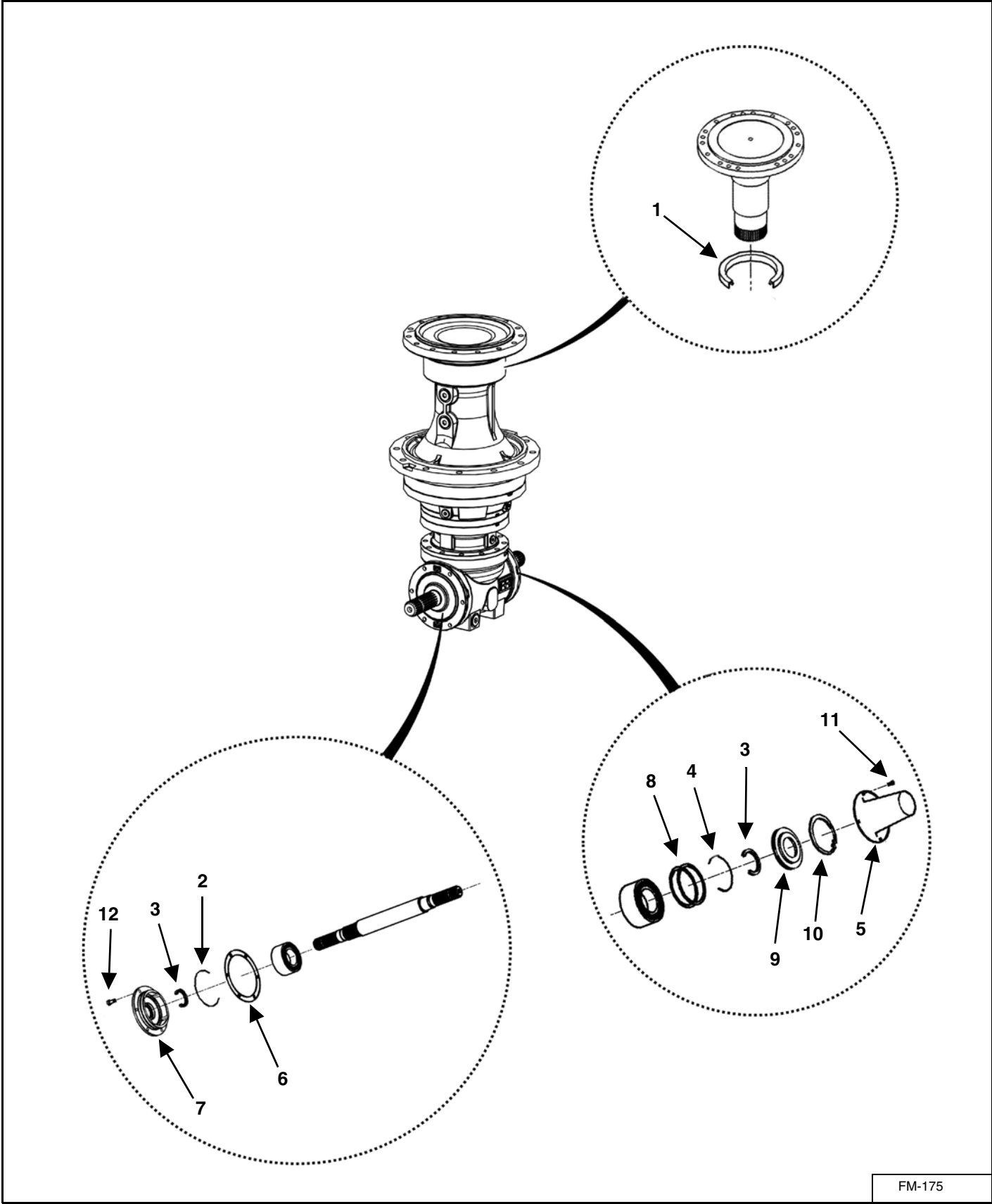
**1015C - 1215 2-SPEED GEARBOX  
(1015P SN 21VM1015205 & Later) (CONT'D)**





| KEY | PART NUMBER       | QTY | DESCRIPTION                        |
|-----|-------------------|-----|------------------------------------|
| 42  | 119-2SP-C-42      | 8   | M8 x 25mm Bolt                     |
| 43  | 119-2SP-C-43      | 12  | M10 x 16mm Bolt                    |
| 44  | 119-2SP-C-44      | 1   | Bolt                               |
| 45  | 119-2SP-C-45      | 1   | M8 x 10mm Bolt                     |
| 46  | 119-2SP-C-46      | 3   | Aluminum Washer                    |
| 47  | 119-2SP-C-47      | 2   | Parallel Key                       |
| 48  | 119-2SP-C-48      | 1   | Spring Pin                         |
| 49  | 119-2SP-C-49      | 1   | Snap Ring                          |
| 50  | 119-2SP-C-50      | 2   | Snap Ring                          |
| 51  | 119-2SP-C-51      | 1   | Snap Ring                          |
| 52  | 119-2SP-C-52      | 1   | Snap Ring                          |
| 53  | 119-2SP-C-53      | 1   | Snap Ring                          |
| 54  | 119-2SP-C-54      | 1   | Snap Ring                          |
| 55  | 119-2SP-C-55      | 1   | Snap Ring                          |
| 56  | 119-2SP-C-56      | 1   | Snap Ring                          |
| 57  | 119-2SP-C-57      | 1   | Snap Ring                          |
| 58  | 119-2SP-C-58      | 5   | Retention Ring                     |
| 59  | 119-2SP-C-59      | 1   | Ball                               |
| 60  | 119-2SP-C-60      | 1   | 90 Degree Elbow                    |
| 61  | 119-2SP-C-61      | 1   | Level Warning Light                |
| 62  | 119-2SP-C-62      | 2   | M10 x 1 Plug                       |
| 63  | 119-2SP-C-63      | 1   | 1/2" Oil Fill Plug                 |
| 64  | 119-2SP-C-64      | 1   | 1/2" Plug                          |
| 65  | 119-2SP-C-65      | 1   | Cap                                |
| 66  | 119-2SP-C-66      | 1   | Cap                                |
| 67  | 119-2SP-C-67      | 1   | Cap                                |
| 68  | 119-2SP-C-68      | 1   | Cap                                |
| 69  | 119-2SP-C-69      | 1   | Cap                                |
| 70  | 119-2SP-C-70      | 1   | Cap                                |
| 71  | 119-2SP-C-71      | 1   | Cap                                |
| 72  | 119-2SP-C-72      | 1   | Double Lip Seal                    |
| 73  | 119-2SP-C-73      | 2   | Double Lip Seal                    |
| 74  | 119-2SP-C-74      | 1   | O-Ring                             |
| 75  | 119-2SP-C-75      | 1   | C-Clip                             |
| 76  | 119-2SP-C-76      | 1   | Internal Snap Ring                 |
| 77  | 119-2SP-C-77      | 2   | Copper Washer                      |
| 78  | 119-2SP-C-78      | 2   | 1/2" Plug                          |
| 79  | 119-2SP-C-79      | 1   | Lock Nut                           |
| 80  | 119-2SP-C-80      | 1   | Copper Washer                      |
| 81  | 119-2SP-C-81      | 1   | Joint                              |
| 82  | 119-2SP-C-82      | 1   | Plate                              |
| NS  | M11-13-0010       | 1   | Gearbox Pump Cover                 |
|     | 822-M12-Z         | 2   | M12 Split Lock Washer              |
|     | 851-M12-1.75-20-Z | 2   | M12-1.75 x 20MM Hex Head Cap Screw |

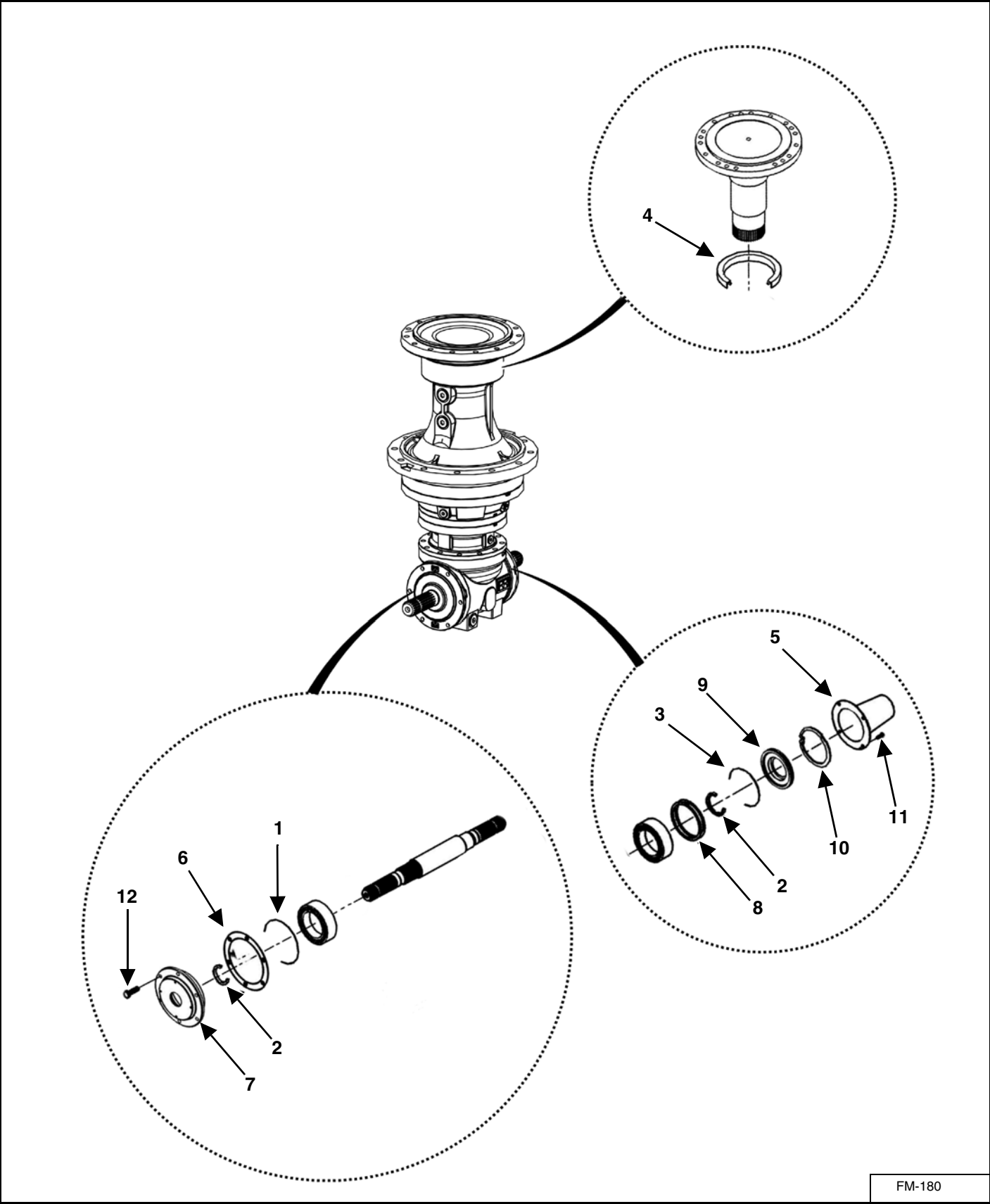
1800 SERIES PLANETARY  
MODELS 585 / 700



FM-175

| KEY | PART NUMBER      | QTY | DESCRIPTION                   |
|-----|------------------|-----|-------------------------------|
| 0   | 119-18-13.92-1   | 2   | 1800 Series Planetary Gearbox |
| 1   | 119-P-RR-1       | 1   | Oil Seal                      |
| 2   | 119-P-RR-5       | 1   | O-Ring                        |
| 3   | 119-P-RR-6       | 2   | Oil Seal                      |
| 4   | 119-P-RR-7       | 1   | O-Ring                        |
| 5   | 119-P-RR-13      | 1   | Shaft Protection Shield       |
| 6   | 119-P-RR-14      | 2   | Thickness Kit                 |
| 7   | 119-P-RR-15      | 1   | Cover                         |
| 8   | 119-P-RR-16      | 2   | Thickness Kit                 |
| 9   | 119-P-RR-17      | 1   | Cover                         |
| 10  | 119-P-RR-18      | 1   | Snap Ring                     |
| 11  | 851-M5-.8-10-YZ  | 4   | Cap Screw                     |
| 12  | 851-M10-1.5-25-Z | 6   | Machine Bolt                  |

2100 SERIES PLANETARY  
MODELS 815 / 1015

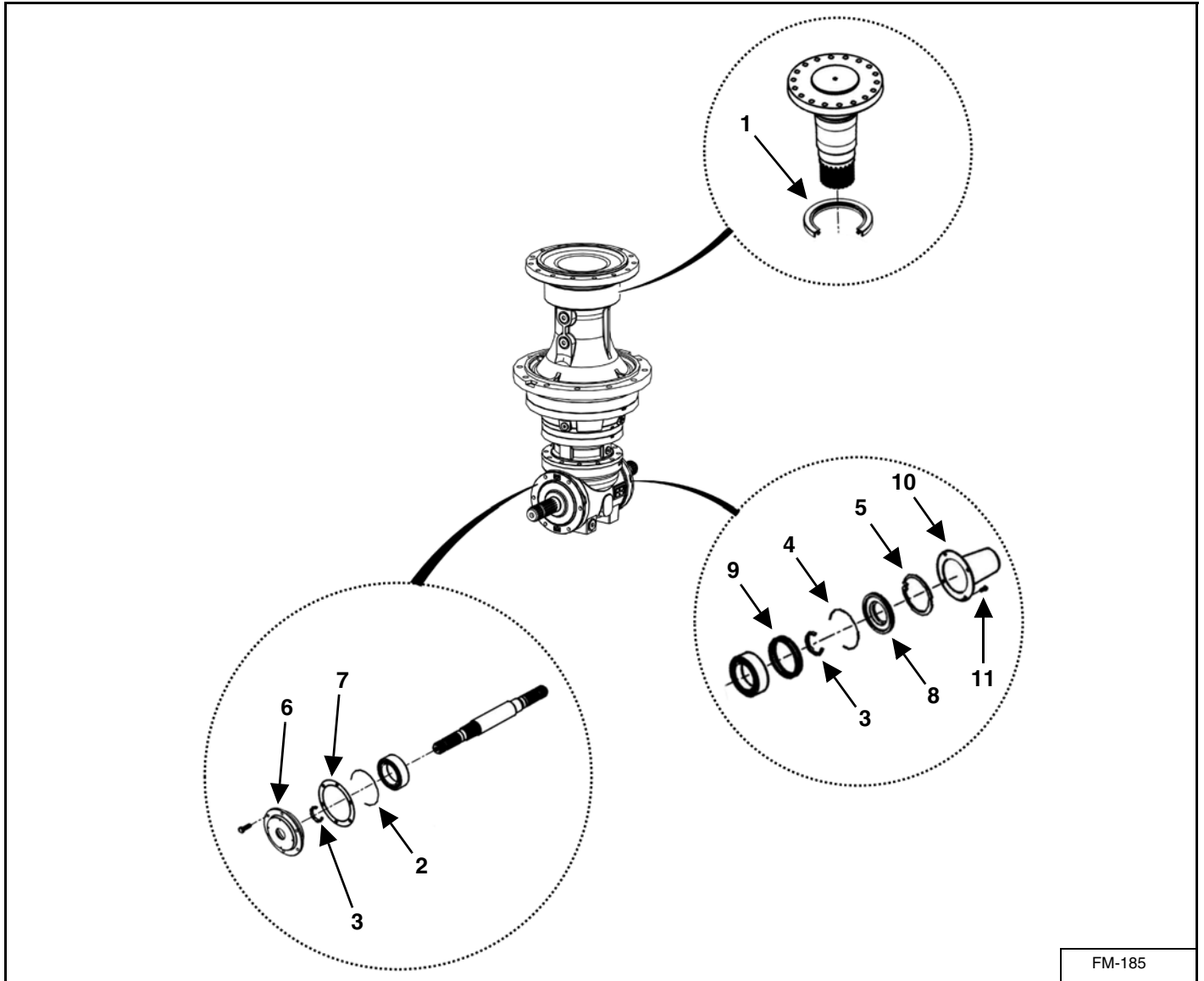


FM-180

| KEY | PART NUMBER      | QTY | DESCRIPTION                   |
|-----|------------------|-----|-------------------------------|
| 0   | 119-21-25.67-1   | 2   | 2100 Series Planetary Gearbox |
| 1   | 119-P-RR-5       | 1   | O-Ring                        |
| 2   | 119-P-RR-6       | 2   | Oil Seal                      |
| 3   | 119-P-RR-7       | 1   | O-Ring                        |
| 4   | 119-P-RR-1       | 1   | Oil Seal                      |
| 5   | 119-P-RR-13      | 1   | Shaft Protection Shield       |
| 6   | 119-P-RR-14      | 1   | Thickness Kit                 |
| 7   | 119-P-RR-15      | 1   | Cover                         |
| 8   | 119-P-RR-16      | 2   | Thickness Kit                 |
| 9   | 119-P-RR-17      | 1   | Cover                         |
| 10  | 119-P-RR-18      | 1   | Snap Ring                     |
| 11  | 851-M5-.8-10-YZ  | 4   | Cap Screw                     |
| 12  | 851-M10-1.5-25-Z | 6   | Machine Bolt                  |



**3200 SERIES PLANETARY  
MODELS 1015C/1215**

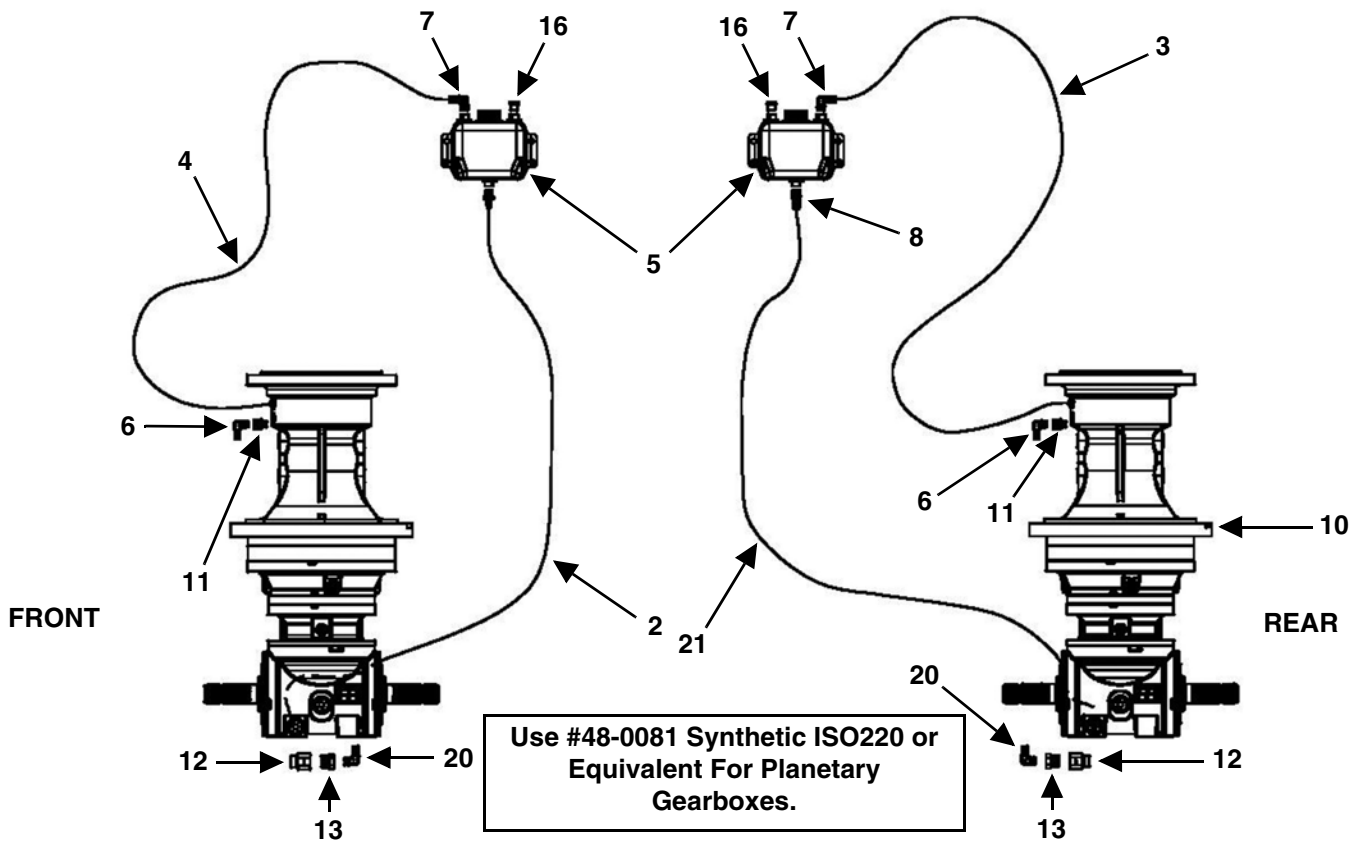


FM-185

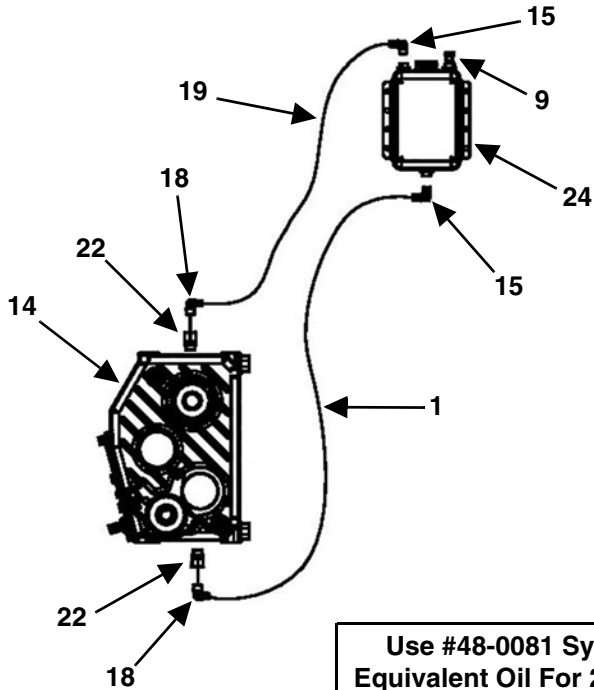
| KEY | PART NUMBER     | QTY | DESCRIPTION                   |
|-----|-----------------|-----|-------------------------------|
| 0   | 119-32-24.8-1   | 2   | 3200 Series Planetary Gearbox |
| 1   | 119-P-RR-11     | 1   | Oil Seal                      |
| 2   | 119-P-RR-5      | 1   | O-Ring                        |
| 3   | 119-P-RR-6      | 2   | Oil Seal                      |
| 4   | 119-P-RR-7      | 1   | O-Ring                        |
| 5   | 119-P-RR-18     | 1   | Snap Ring                     |
| 6   | 119-P-RR-15     | 1   | Cover                         |
| 7   | 119-P-RR-14     | 1   | Thickness Kit                 |
| 8   | 119-P-RR-17     | 1   | Cover                         |
| 9   | 119-P-RR-16     | 1   | Thickness Kit                 |
| 10  | 119-P-RR-13     | 1   | Shaft Protection Shield       |
| 11  | 851-M5-.8-10-YZ | 4   | Cap Screw                     |

# HOSE FITTING HYDRAULIC SYSTEM

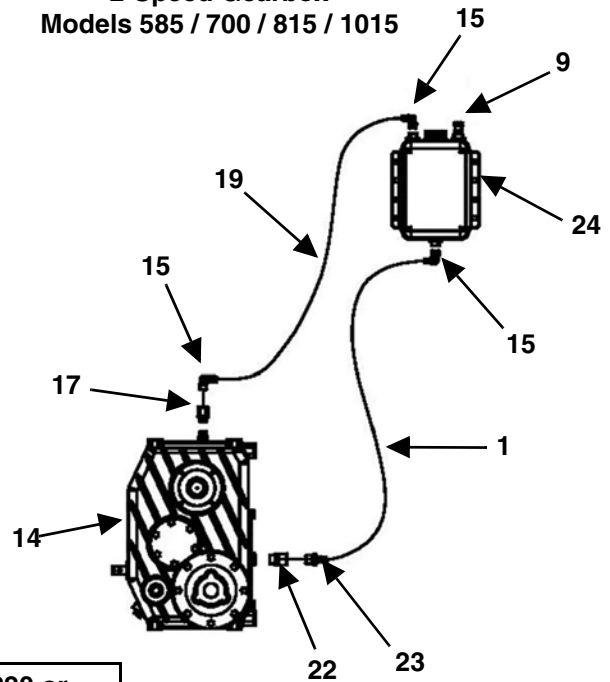
## Planetary Gearbox



## 2-Speed Gearbox Models 1015C / 1215



## 2-Speed Gearbox Models 585 / 700 / 815 / 1015



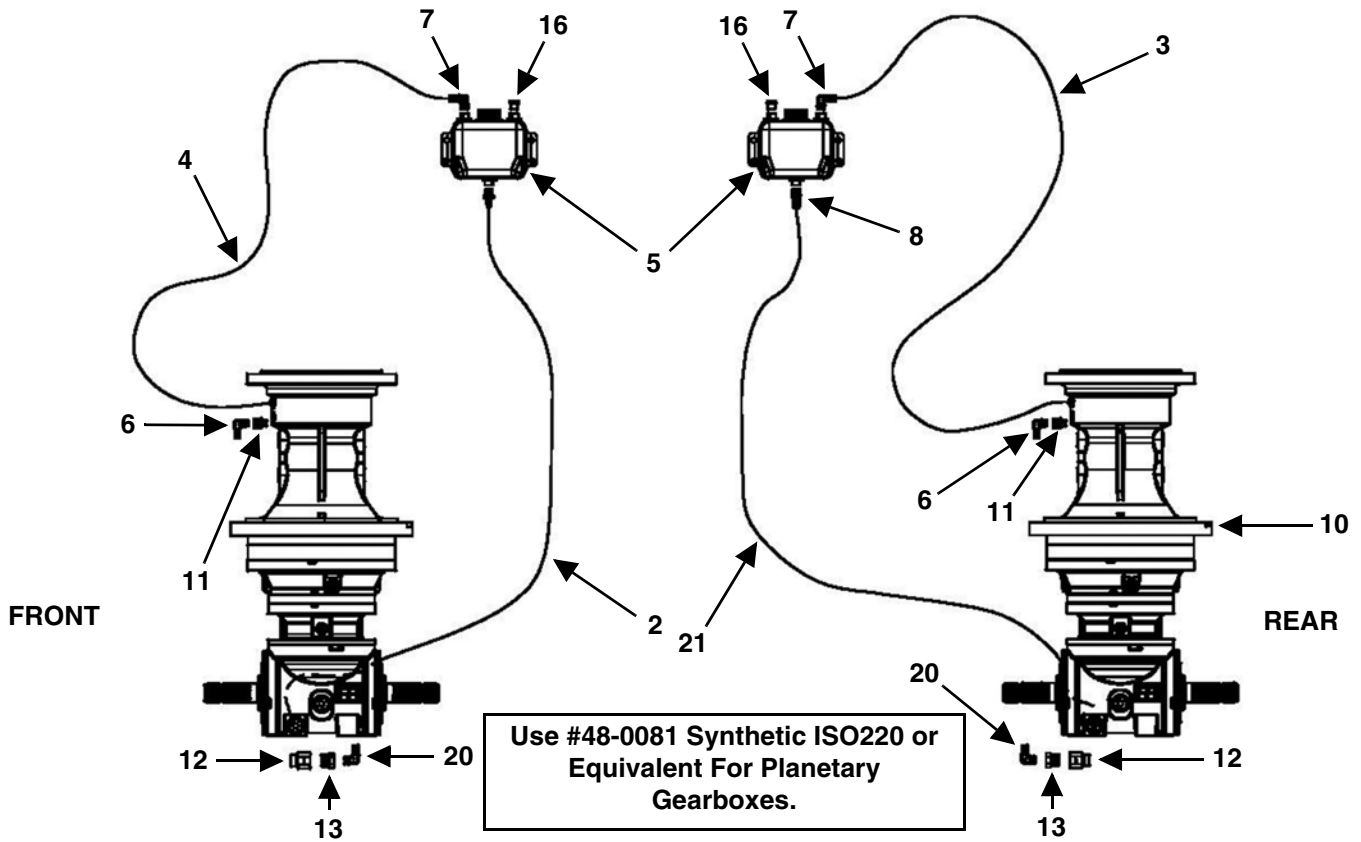
Use #48-0081 Synthetic ISO220 or Equivalent Oil For 2-Speed Gearboxes.



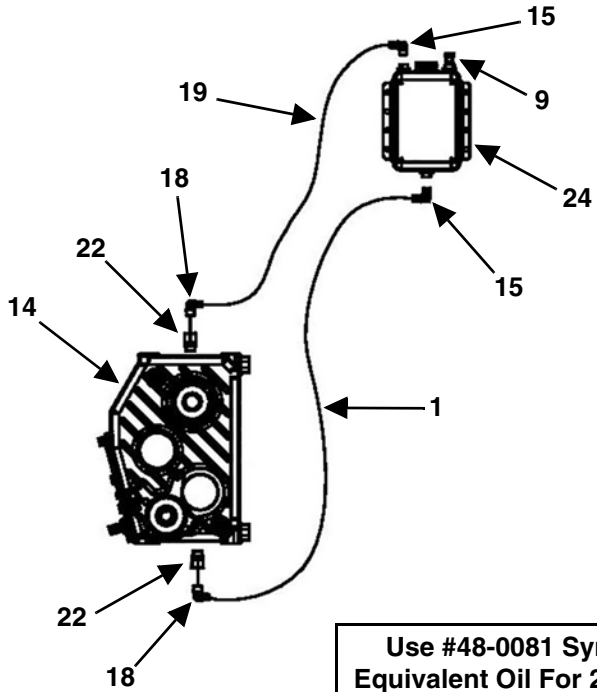
| KEY | PART NUMBER   | QTY   | DESCRIPTION   | MIXER MODEL |
|-----|---------------|-------|---|-------------|
| 1   | 155-2231-08   | 31"   | 1/2" ID x 3/4" OD Push On Hose  | 585/700     |
|     | 155-2231-08   | 24.5" | 1/2" ID x 3/4" OD Push On Hose  | 815/1015    |
|     | 155-2231-08   | 22.5" | 1/2" ID x 3/4" OD Push On Hose  | 1015C/1215  |
| 2   | 155-2231-08   | 108"  | 1/2 ID x 3/4" OD Push On Hose, Rear   | 585/700     |
|     | 155-2231-08   | 130"  | 1/2 ID x 3/4" OD Push On Hose   | 815 - 1215  |
| 3   | 155-2231-08   | 121"  | 1/2 ID x 3/4" OD Push On Hose   | 585/700     |
|     | 155-2231-08   | 142"  | 1/2 ID x 3/4" OD Push On Hose   | 815/1015    |
|     | 155-2231-08   | 147"  | 1/2 ID x 3/4" OD Push On Hose   | 1015C/1215  |
| 4   | 155-2231-08   | 130"  | 1/2" ID x 3/4" OD Push On Hose  | 585/700     |
|     | 155-2231-08   | 153"  | 1/2" ID x 3/4" OD Push On Hose  | 815/1015    |
|     | 155-2231-08   | 158"  | 1/2" ID x 3/4" OD Push On Hose  | 1015C/1215  |
| 5   | 952-0003      | 2     | 2 QT Plastic Tank With Vented Cap   | 585/700     |
|     | 952-0004      | 2     | 4 QT Plastic Tank With Vented Cap   | 815 - 1215  |
| 6   | 55-0403       | 2     | 1/2" x 1/4" BRS 90° Elbow   | 585 - 1015  |
|     | 55-0404       | 2     | 1/2" x 3/8" BRS MA Barb Hose  | 1015C/1215  |
| 7   | 55-0404       | 2     | 1/2" x 3/8" BRS MA Barb Hose  | 585 - 1215  |
| 8   | 55-0405       | 2     | 1/2" x 3/8" BRS MA Barb Hose  | 585 - 1215  |
| 9   | 55-0307       | 1     | Breather Vent 3/8" 150 PSI  | 585 - 1215  |
| 10  | See Page 98   | 2     | 1800 Planetary Gearbox 13.92:1 Ratio 1.75-20 SPL                                | 585/700     |
|     | See Page 100  | 2     | 2100 Planetary Gearbox 25.67:1 Ratio 1.75-20 SPL                                | 815/1015    |
|     | See Page 103  | 2     | 3200 Planetary Gearbox 24.8:1 Ratio 1.75-20 SPL                                 | 1015C/1215  |
| 11  | 155-PB4-4     | 2     | #4NPT FEMx4BSPP Adapter With BSP Bonded Seal                                    | 585 - 1015  |
|     | 155-PB06-06   | 2     | #06NPT FEMx06BSPP Adapter With BSP Bonded Seal                                  | 1015C/1215  |
| 12  | 155-PB12-12   | 2     | #12NPT FEMx12BSPP Adapter W/BSP Bonded Seal                                     | 585/700     |
|     | 155-PB08-08   | 2     | #08NPT FEMx08 BSPP Adapter W/BSP Bonded Seal Prior to SN 19VM(0815202, 1015206) | 815 /1015   |
|     | 155-PB12-12   | 2     | #12NPT FEMx12BSPP Adapter W/BSP Bonded Seal SN 19VM(0815202, 1015206) & Later   | 815 /1015   |
|     | 155-PB08-08   | 2     | #08NPT FEMx08BSPP Adapter W/BSP Bonded Seal                                     | 1015C/1215  |
| 13  | 155-5406-12-6 | 2     | 12MP-6FP Pipe Reducer Bushing 3/4"-3/8"   | 585/700     |
|     | 55-0044       | 2     | 12MP-08FP Pipe Reducer Bushing 3/4"-1/2" SN 19VM(0815202, 1015206) & Later      | 815 /1015   |
| 14  | See Page 90   | 1     | 2-Speed Shifting Gearbox 1.51:1/2.73:1 1.75-20 Spline                           | 585/700     |
|     | See Page 92   | 1     | 2-Speed Shifting Gearbox 1.00:1/1.50:1 1.75-20 Spline                           | 815/1015    |
|     | See Page 94   | 1     | 2-Speed Shifting Gearbox 1.00:1/1.50:1 1.75-20 Spline                           | 1015C/1215  |
| 15  | 55-0406       | 3     | 1/2" x 3/8" BRS 90° Elbow Barb  | 585 - 1015  |
|     | 55-0406       | 2     | 1/2" x 3/8" BRS 90° Elbow Barb  | 1015C/1215  |

HOSE FITTING HYDRAULIC SYSTEM (CONT'D)

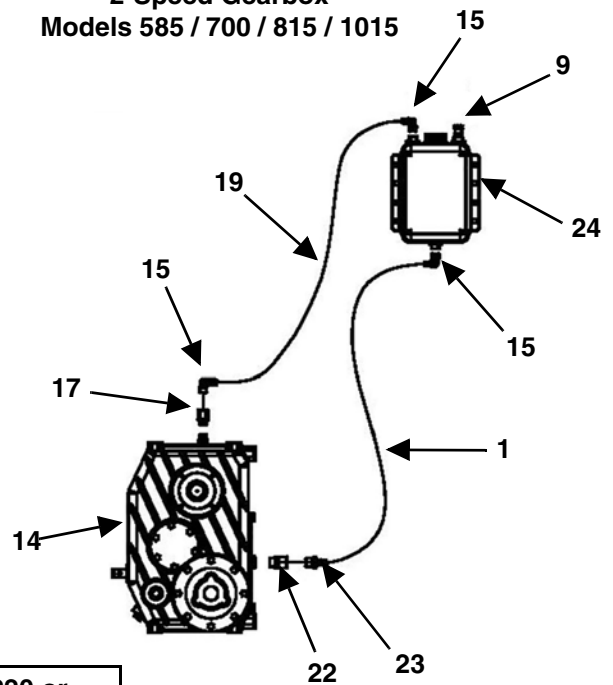
Planetary Gearbox



2-Speed Gearbox  
Models 1015C / 1215



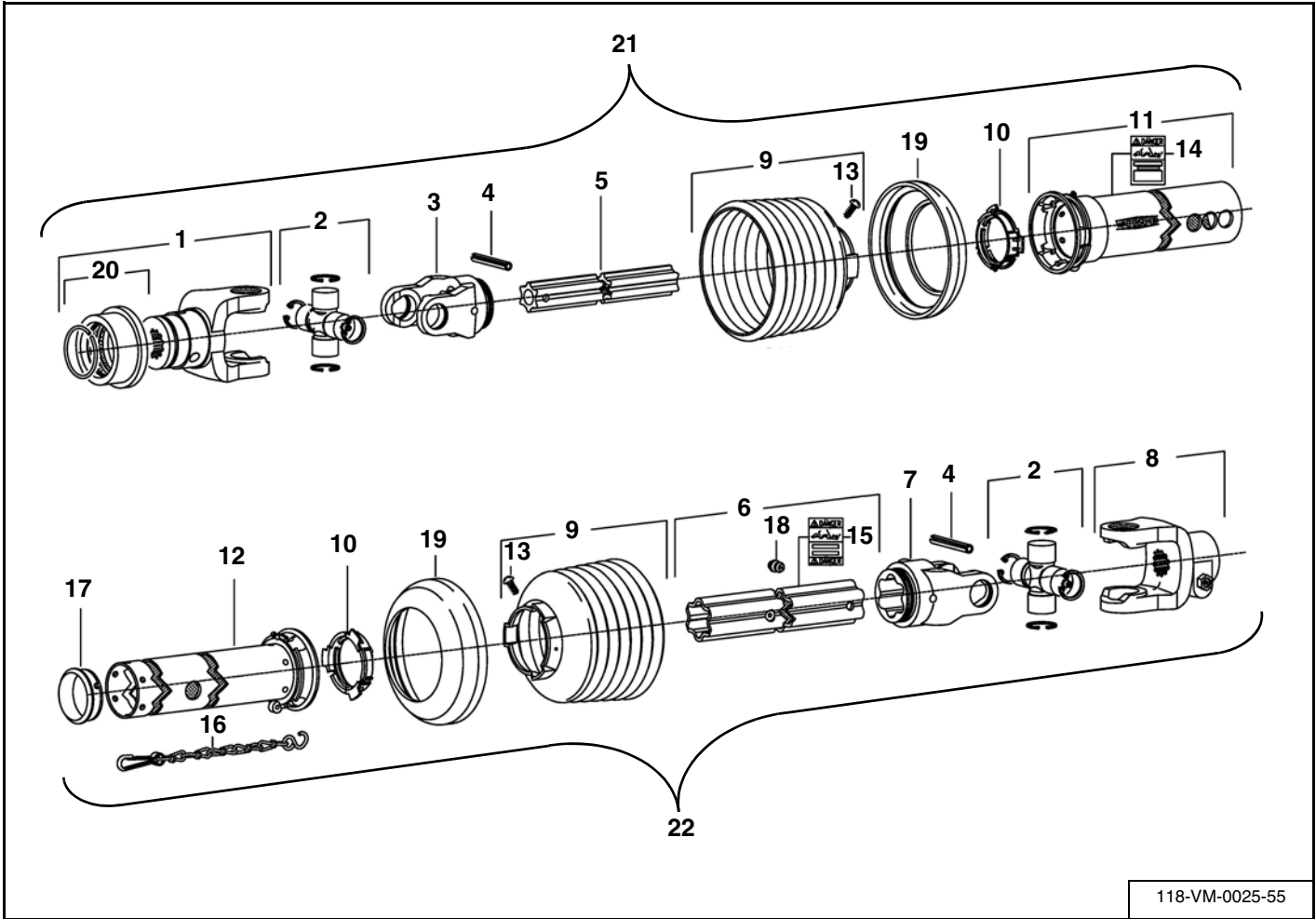
2-Speed Gearbox  
Models 585 / 700 / 815 / 1015



Use #48-0081 Synthetic ISO220 or Equivalent Oil For 2-Speed Gearboxes.

| KEY | PART NUMBER | QTY    | DESCRIPTION  | MIXER MODEL |
|-----|-------------|--------|--|-------------|
| 16  | 55-0307     | 2      | Breather Vent 3/8" Pipe x 11/16" Hex 150 PSI       | 585 - 1215  |
| 17  | 155-PB06-06 | 1      | #06 Female NPT x 06 BSPP Adapter W/BSP Bonded Seal | 585 - 1015  |
| 18  | 55-0406     | 2      | 1/2" x 1/2" BRS 90° Elbow Barb                     | 1015C/1215  |
| 19  | 155-2231-08 | 36"    | 1/2" ID x 3/4" OD Push On Hose                     | 585/700     |
|     | 155-2231-08 | 32"    | 1/2" ID x 3/4" OD Push On Hose                     | 815/1015    |
|     | 155-2231-08 | 34.75" | 1/2" ID x 3/4" OD Push On Hose                     | 1015C/1215  |
| 20  | 55-0404     | 2      | 1/2" x 3/8" BRS 90° Elbow Barb                     | 585/700     |
|     | 55-0406     | 2      | 1/2" x 1/2" BRS 90° Elbow Barb                     | 815 - 1215  |
| 21  | 155-2231-08 | 108"   | 1/2" ID x 3/4" OD Push On Hose                     | 585/700     |
|     | 155-2231-08 | 130"   | 1/2" ID x 3/4" OD Push On Hose                     | 815 - 1215  |
| 22  | 155-PB08-08 | 1      | #08 Female NPT x 08 BSPP Adapter W/BSP Bonded Seal | 585 - 1015  |
|     | 155-PB08-08 | 2      | #08 Female NPT x 08 BSPP Adapter W/BSP Bonded Seal | 1015C/1215  |
| 23  | 55-0410     | 1      | 1/2" Hose ID x 1/2" NPT Male Hose Barb             | 585 - 1015  |
| 24  | 952-0004    | 1      | 4 QT Plastic Tank With Vented Cap                  | 585 - 1215  |
| NS  | 32-0048     | AR     | Hose Clamps  | 585 - 1215  |

**1-3/8-21 SPLINE X 1-3/4-20 SPLINE PTO DRIVE SHAFT  
MODELS: 585 / 700**

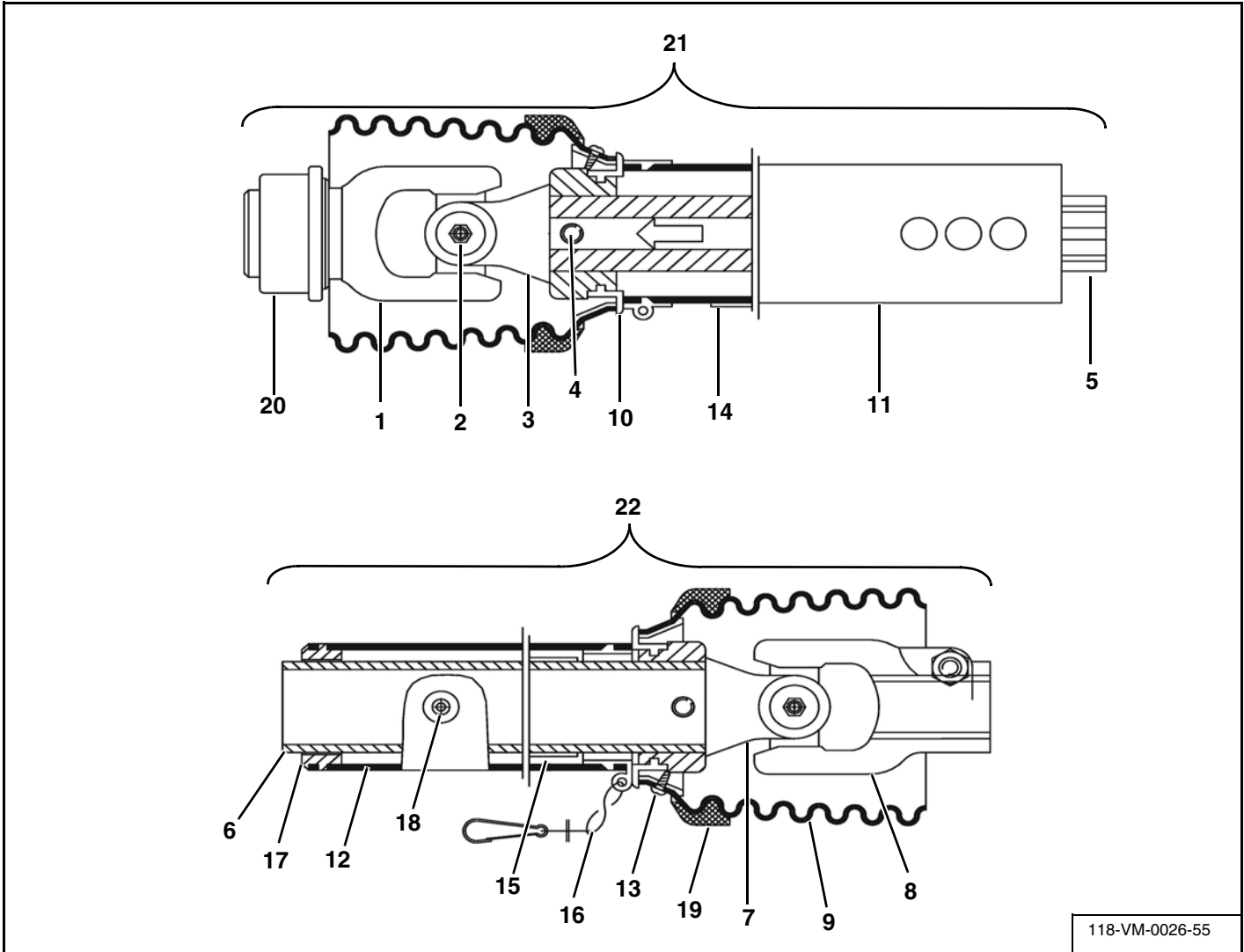


118-VM-0025-55

| KEY | PART NUMBER      | QTY | DESCRIPTION                            |
|-----|------------------|-----|--|
| 0   | 118-VM-0025-55   | 1   | 1-3/8-21 Spline PTO Complete           |
| 1   | 118-VM-0025-55-3 | 1   | Yoke Assembly (Includes Item 20)       |
| 2   | 118-VM-0010-25-2 | 2   | Cross & Bearing Kit                    |
| 3   | 618-0202-2-2     | 1   | Inboard Yoke                           |
| 4   | 618-0202-2-5     | 2   | Spring Pin, 10 x 90                    |
| 5   | 118-VM-0024-55-3 | 1   | Inner Profile                          |
| 6   | 118-VM-0024-55-4 | 1   | Outer Profile (Includes Items 15 & 18) |
| 7   | 618-0201-2-2     | 1   | Inboard Yoke                           |
| 8   | 118-VM-0010-25-1 | 1   | Yoke AGKF                              |
| 9   | 118-VM-0024-55-7 | 2   | Guard Cone, 7 Rib (Includes Item 13)   |
| 10  | 918-0208-2-4     | 2   | Bearing Ring                           |
| 11  | 118-VM-0025-55-4 | 1   | Guard Tube Outer (Includes Item 14)    |
| 12  | 118-VM-0024-55-6 | 1   | Guard Tube Inner                       |
| 13  | 918-0208-2-9     | 2   | Screw                                  |

| KEY | PART NUMBER      | QTY | DESCRIPTION          |
|-----|------------------|-----|----------------------|
| 14  | 918-0208-2-8     | 1   | Decal Outer          |
| 15  | 918-0208-1-10    | 1   | Decal Inner          |
| 16  | 918-0208-2-7     | 1   | Restraint Chain      |
| 17  | 918-0202-1-10    | 1   | Support Bearing      |
| 18  | 918-0202-1-12    | 1   | Zerk                 |
| 19  | 618-0202-2-8     | 2   | Reinforcing Collar   |
| 20  | 918-0511-1-1-1   | 1   | ASG Collar Kit       |
| 21  | 118-VM-0025-55-1 | 1   | Tractor Half Shaft   |
| 22  | 118-VM-0024-55-2 | 1   | Implement Half Shaft |

**1-3/4-20 SPLINE X 1-3/4-20 SPLINE PTO DRIVE SHAFT  
MODELS: 585 / 700 (OPTIONAL)**

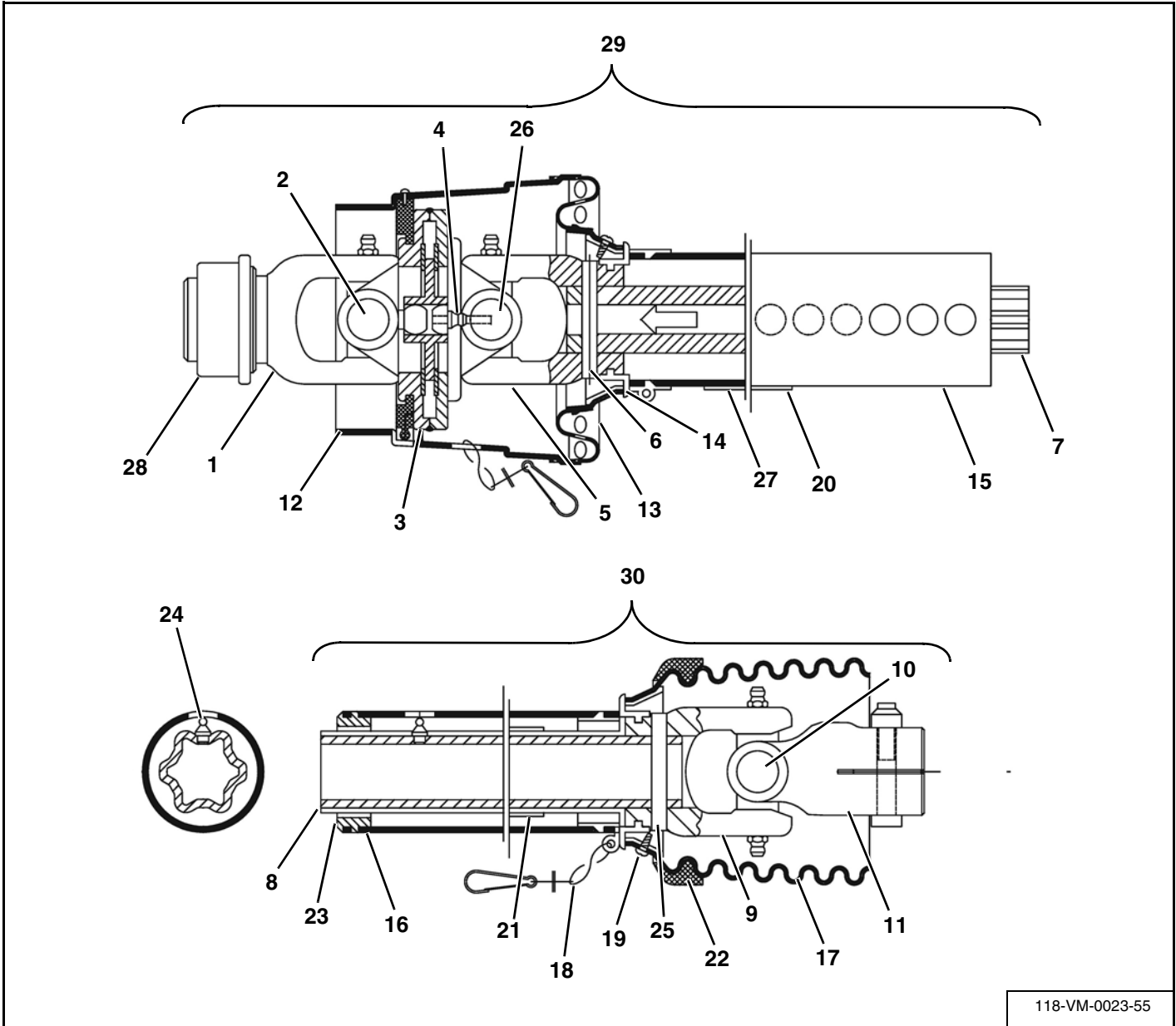


118-VM-0026-55

| KEY | PART NUMBER      | QTY | DESCRIPTION                            |
|-----|------------------|-----|--|
| 0   | 118-VM-0026-55   | 1   | 1-3/4-20 Spline PTO Complete           |
| 1   | 618-0201-1-1     | 1   | Yoke ASG (Includes Item 20)            |
| 2   | 118-VM-0010-25-2 | 2   | Cross & Bearing Kit                    |
| 3   | 618-0202-2-2     | 1   | Inboard Yoke                           |
| 4   | 618-0202-2-5     | 2   | Spring Pin, 10 x 90                    |
| 5   | 118-VM-0026-55-3 | 1   | Inner Profile                          |
| 6   | 118-VM-0024-55-4 | 1   | Outer Profile (Includes Items 15 & 18) |
| 7   | 618-0201-2-2     | 1   | Inboard Yoke                           |
| 8   | 118-VM-0010-25-1 | 1   | Yoke AGKF                              |
| 9   | 118-VM-0024-55-7 | 2   | Guard Cone, 7 Rib (Includes Item 13)   |
| 10  | 918-0208-2-4     | 2   | Bearing Ring SC25                      |
| 11  | 118-VM-0026-55-4 | 1   | Guard Tube Outer (Includes Item 14)    |
| 12  | 118-VM-0024-55-6 | 1   | Guard Tube Inner                       |
| 13  | 918-0208-2-9     | 2   | Screw                                  |

| KEY | PART NUMBER      | QTY | DESCRIPTION          |
|-----|------------------|-----|----------------------|
| 14  | 918-0208-2-8     | 1   | Decal Outer          |
| 15  | 918-0208-1-10    | 1   | Decal Inner          |
| 16  | 918-0208-1-12    | 1   | Restraint Chain      |
| 17  | 618-0202-1-10    | 1   | Support Bearing      |
| 18  | 918-0208-1-12    | 1   | Zerk                 |
| 19  | 618-0202-2-8     | 2   | Reinforcing Collar   |
| 20  | 918-0210-1-1-1   | 1   | ASG Collar Kit       |
| 21  | 118-VM-0026-55-1 | 1   | Tractor Half Shaft   |
| 22  | 118-VM-0024-55-2 | 1   | Implement Half Shaft |

**1-3/8-21 SPLINE X 1-3/4-20 SPLINE PTO DRIVE SHAFT  
MODELS: 815 - 1215**

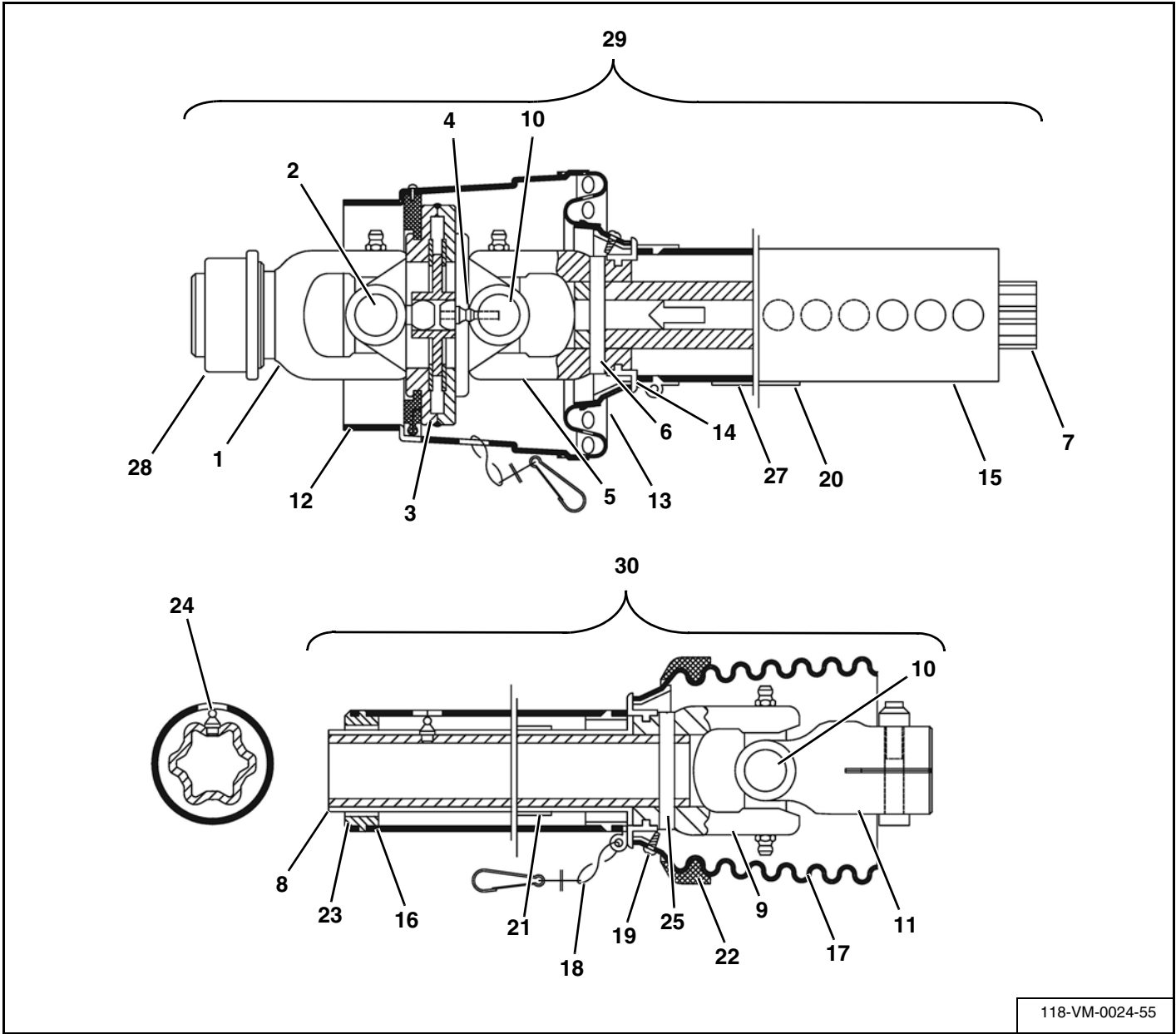


| KEY | PART NUMBER      | QTY | DESCRIPTION                            |
|-----|------------------|-----|--|
| 0   | 118-VM-0023-55   | 1   | 1-3/8-21 Spline PTO Complete           |
| 1   | 918-0511-1-1     | 1   | Yoke ASG (Includes Item 28)            |
| 2   | 918-0511-1-2     | 1   | Cross & Bearing Kit                    |
| 3   | 918-0511-1-3     | 1   | Double Yoke (Includes Item 4)          |
| 4   | 918-0208-1-2     | 1   | Zerk                                   |
| 5   | 918-0511-1-5     | 1   | Inboard Yoke                           |
| 6   | 918-0308-1-5     | 1   | Spring Pin, 10 x 75                    |
| 7   | 118-VM-0024-55-3 | 1   | Inner Profile                          |
| 8   | 118-VM-0024-55-4 | 1   | Outer Profile (Includes Items 21 & 24) |
| 9   | 618-0201-2-2     | 1   | Inboard Yoke                           |



| KEY | PART NUMBER      | QTY | DESCRIPTION                                    |
|-----|------------------|-----|--|
| 10  | 118-VM-0010-25-2 | 1   | Cross & Bearing Kit                            |
| 11  | 118-VM-0010-25-1 | 1   | Yoke 1-3/4-20 SPL                              |
| 12  | 618-0202-1-11    | 1   | CV Guard & Bearing Assembly (Includes Item 19) |
| 13  | 918-0212-1-5     | 1   | Flex Net & Guard Assembly (Includes Item 19)   |
| 14  | 918-0208-2-4     | 2   | Bearing Ring                                   |
| 15  | 118-VM-0024-55-5 | 1   | Guard Tube Outer (Includes Item 20)            |
| 16  | 118-VM-0024-55-6 | 1   | Guard Tube Inner                               |
| 17  | 118-VM-0024-55-7 | 1   | Guard Cone, 7 Rib (Includes Item 19)           |
| 18  | 918-0208-2-7     | 2   | Restraint Chain                                |
| 19  | 918-0208-2-9     | 10  | Screw  |
| 20  | 918-0208-2-8     | 1   | Decal Outer                                    |
| 21  | 918-0208-1-10    | 1   | Decal Inner                                    |
| 22  | 618-0202-2-8     | 1   | Reinforcing Collar                             |
| 23  | 618-0202-1-10    | 1   | Support Bearing                                |
| 24  | 918-0208-1-12    | 1   | Zerk   |
| 25  | 618-0202-2-5     | 1   | Spring Pin, 10 x 90                            |
| 26  | 918-0511-1-4     | 1   | Cross & Bearing Kit                            |
| 27  | 918-0308-2-6     | 1   | Decal, Lubrication                             |
| 28  | 918-0511-1-1-1   | 1   | ASG Collar Kit                                 |
| 29  | 118-VM-0023-55-1 | 1   | Tractor Half Shaft                             |
| 30  | 118-VM-0024-55-2 | 1   | Implement Half Shaft                           |

**1-3/4-20 SPLINE X 1-3/4-20 SPLINE PTO DRIVE SHAFT  
MODELS: 815 - 1215 (OPTIONAL)**

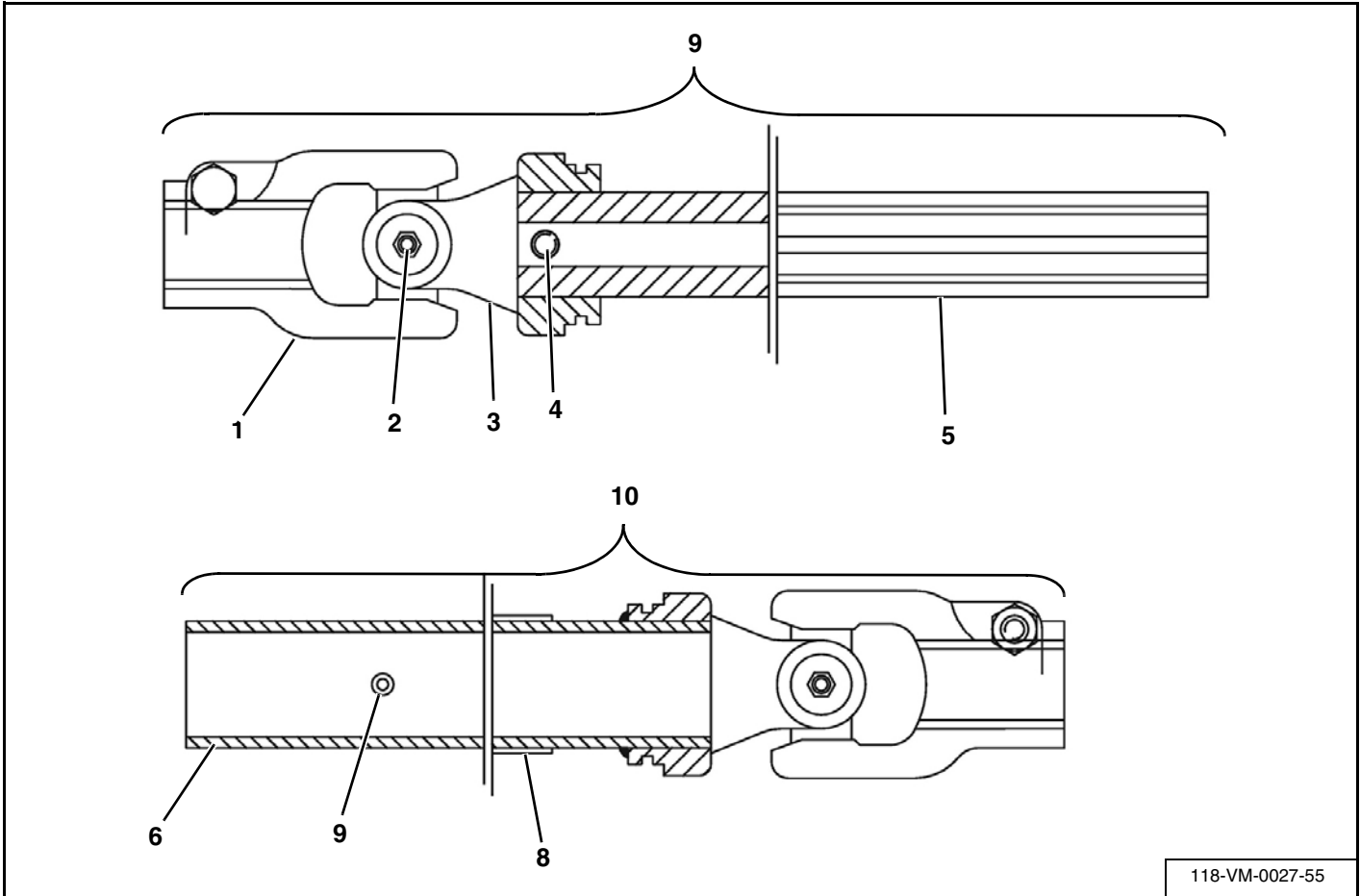


118-VM-0024-55

| KEY | PART NUMBER      | QTY | DESCRIPTION                            |
|-----|------------------|-----|--|
| 0   | 118-VM-0024-55   | 1   | 1-3/4-20 Spline PTO Complete           |
| 1   | 918-0512-1-1     | 1   | Yoke ASG (Includes Item 28)            |
| 2   | 918-0511-1-2     | 1   | Cross & Bearing Kit                    |
| 3   | 918-0511-1-3     | 1   | Double Yoke (Includes Item 4)          |
| 4   | 918-0208-1-2     | 1   | Zerk                                   |
| 5   | 918-0511-1-5     | 1   | Inboard Yoke                           |
| 6   | 918-0308-1-5     | 1   | Spring Pin, 10 x 75                    |
| 7   | 118-VM-0024-55-3 | 1   | Inner Profile                          |
| 8   | 118-VM-0024-55-4 | 1   | Outer Profile (Includes Items 21 & 24) |
| 9   | 618-0201-2-2     | 1   | Inboard Yoke                           |
| 10  | 118-VM-0010-25-2 | 1   | Cross & Bearing Kit                    |

| KEY | PART NUMBER      | QTY | DESCRIPTION                                    |
|-----|------------------|-----|--|
| 11  | 118-VM-0010-25-1 | 1   | Yoke 1-3/4-20 SPL                              |
| 12  | 618-0202-1-11    | 1   | CV Guard & Bearing Assembly (Includes Item 19) |
| 13  | 918-0212-1-5     | 1   | Flex Net & Guard Assembly (Includes Item 19)   |
| 14  | 918-0208-2-4     | 2   | Bearing Ring SC25                              |
| 15  | 118-VM-0024-55-5 | 1   | Guard Tube Outer (Includes Item 20)            |
| 16  | 118-VM-0024-55-6 | 1   | Guard Tube Inner                               |
| 17  | 118-VM-0024-55-7 | 1   | Guard Cone, 7 Rib (Includes Item 19)           |
| 18  | 918-0208-2-7     | 2   | Restraint Chain                                |
| 19  | 918-0208-2-9     | 10  | Screw  |
| 20  | 918-0208-2-8     | 1   | Decal Outer                                    |
| 21  | 918-0208-1-10    | 1   | Decal Inner                                    |
| 22  | 618-0202-2-8     | 1   | Reinforcing Collar                             |
| 23  | 618-0202-1-10    | 1   | Support Bearing                                |
| 24  | 618-0208-1-12    | 1   | Zerk   |
| 25  | 618-0202-2-5     | 1   | Spring Pin, 10 x 90                            |
| 26  | 918-0511-1-4     | 1   | Cross & Bearing Kit                            |
| 27  | 918-0308-2-6     | 1   | Decal, Lubrication                             |
| 28  | 918-0210-1-1-1   | 1   | ASG Collar Kit                                 |
| 29  | 118-VM-0024-55-1 | 1   | Tractor Half Shaft                             |
| 30  | 118-VM-0024-55-2 | 1   | Implement Half Shaft                           |

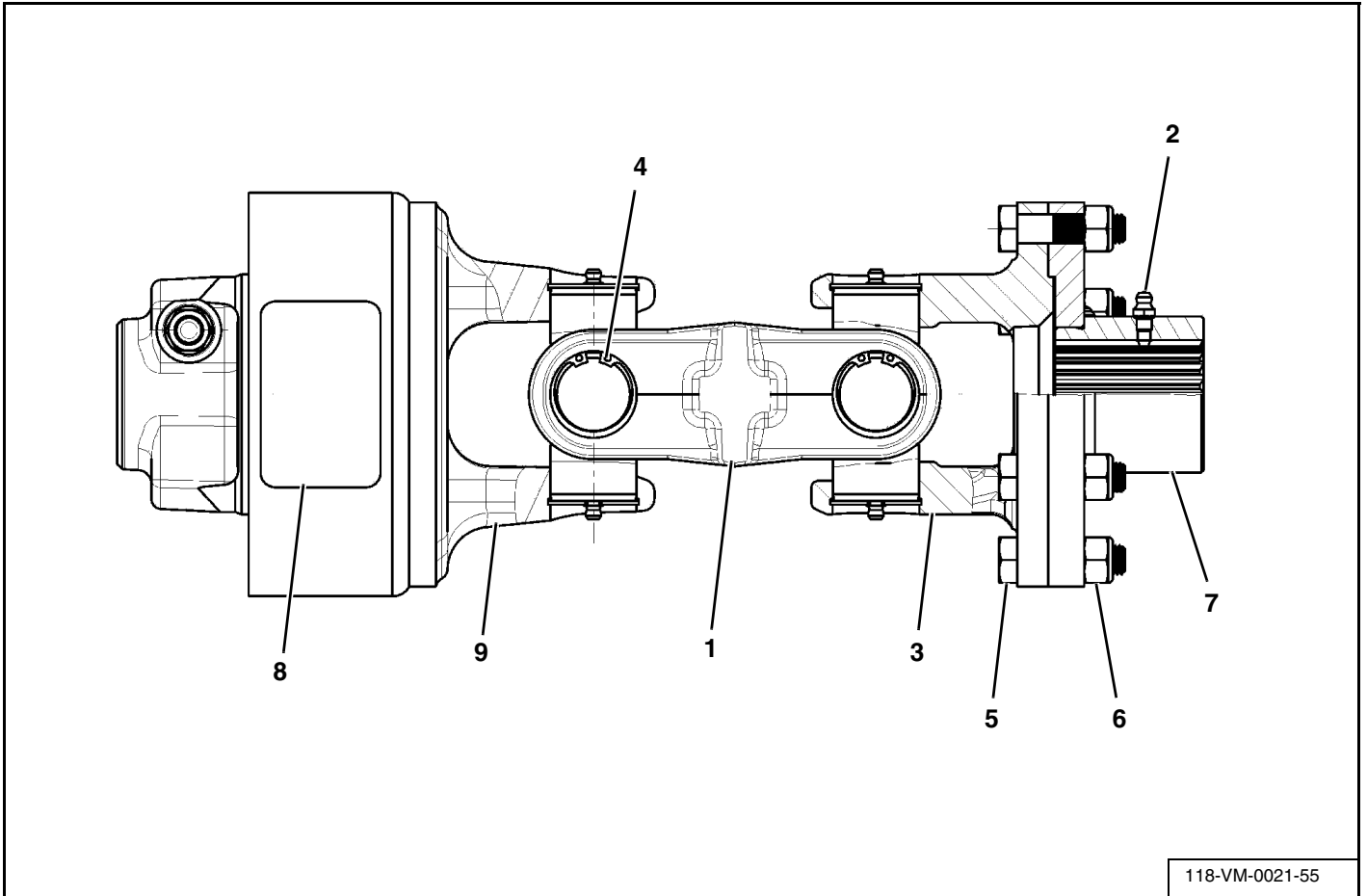
**1-3/4-20 SPLINE X 1-3/4-20 SPLINE 2500 SERIES DRIVELINE  
MODELS: 585 - 1215**



118-VM-0027-55

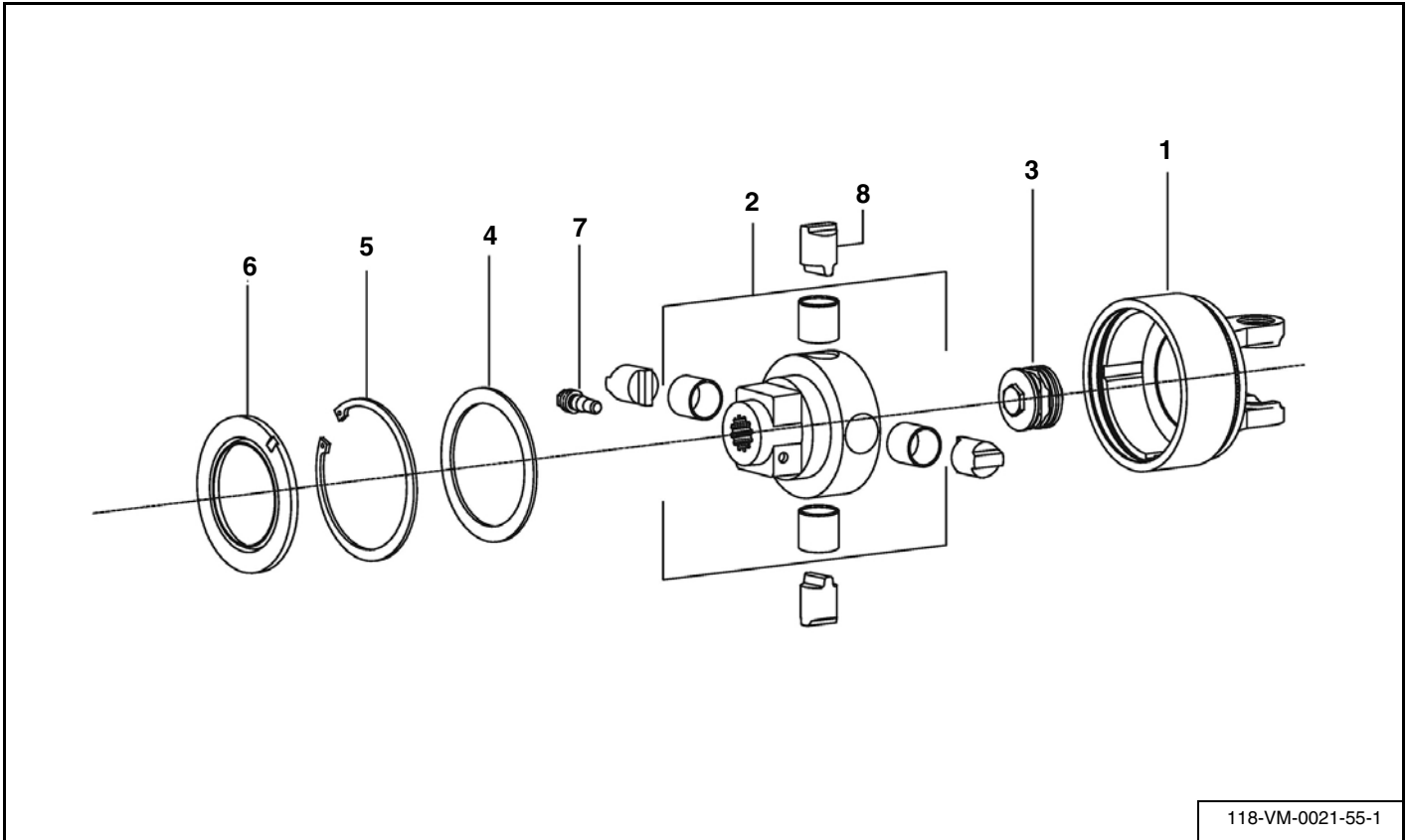
| KEY | PART NUMBER      | QTY | DESCRIPTION                         |
|-----|------------------|-----|-------------------------------------|
| 0   | 118-VM-0027-55   | 1   | 1-3/4-20 Spline PTO Complete        |
| 1   | 118-VM-0010-25-1 | 2   | Yoke AGKF                           |
| 2   | 118-VM-0010-25-2 | 2   | Cross & Bearing Kit                 |
| 3   | 618-0202-2-2     | 1   | Inboard Yoke                        |
| 4   | 618-0202-2-5     | 1   | Spring pin, 10 x 90                 |
| 5   | 118-VM-0027-55-3 | 1   | Inner Profile                       |
| 6   | 118-VM-0027-55-4 | 1   | Inboard Yoke (Includes Items 8 & 9) |
| 7   | 618-0007-6       | 1   | Decal                               |
| 8   | 918-0208-1-12    | 2   | Zerk                                |
| 9   | 118-VM-0027-55-1 | 1   | Male Half Shaft                     |
| 10  | 118-VM-0027-55-2 | 1   | Female Half Shaft                   |

**DOUBLE UNIVERSAL JOINT W/CUTOUT CLUTCH  
MODELS: 585 - 1215**



| KEY | PART NUMBER      | QTY | DESCRIPTION                            |
|-----|------------------|-----|--|
| 0   | 118-VM-0021-55   | 1   | Double Universal Joint W/Cutout Clutch |
| 1   | 118-VM-0011-25-1 | 1   | Double Yoke                            |
| 2   | 618-0005-1-1     | 1   | Zerk                                   |
| 3   | 118-VM-0011-25-2 | 1   | Flange Yoke                            |
| 4   | 118-VM-0010-25-2 | 2   | Cross Kit (Includes Item NS)           |
| 5   | 118-VM-0011-25-3 | 6   | Bolt, M12 x 50                         |
| 6   | 118-VM-0011-25-4 | 6   | Nut, Lock                              |
| 7   | 118-VM-0011-25-5 | 1   | Hub Flange (Includes Item 2)           |
| 8   | 918-0208-2-10    | 1   | Decal K64                              |
| 9   | See Page 118     | 1   | Cutout Clutch Complete                 |
| NS  | 918-0410-2-1-1   | 2   | CC Lock Kit                            |

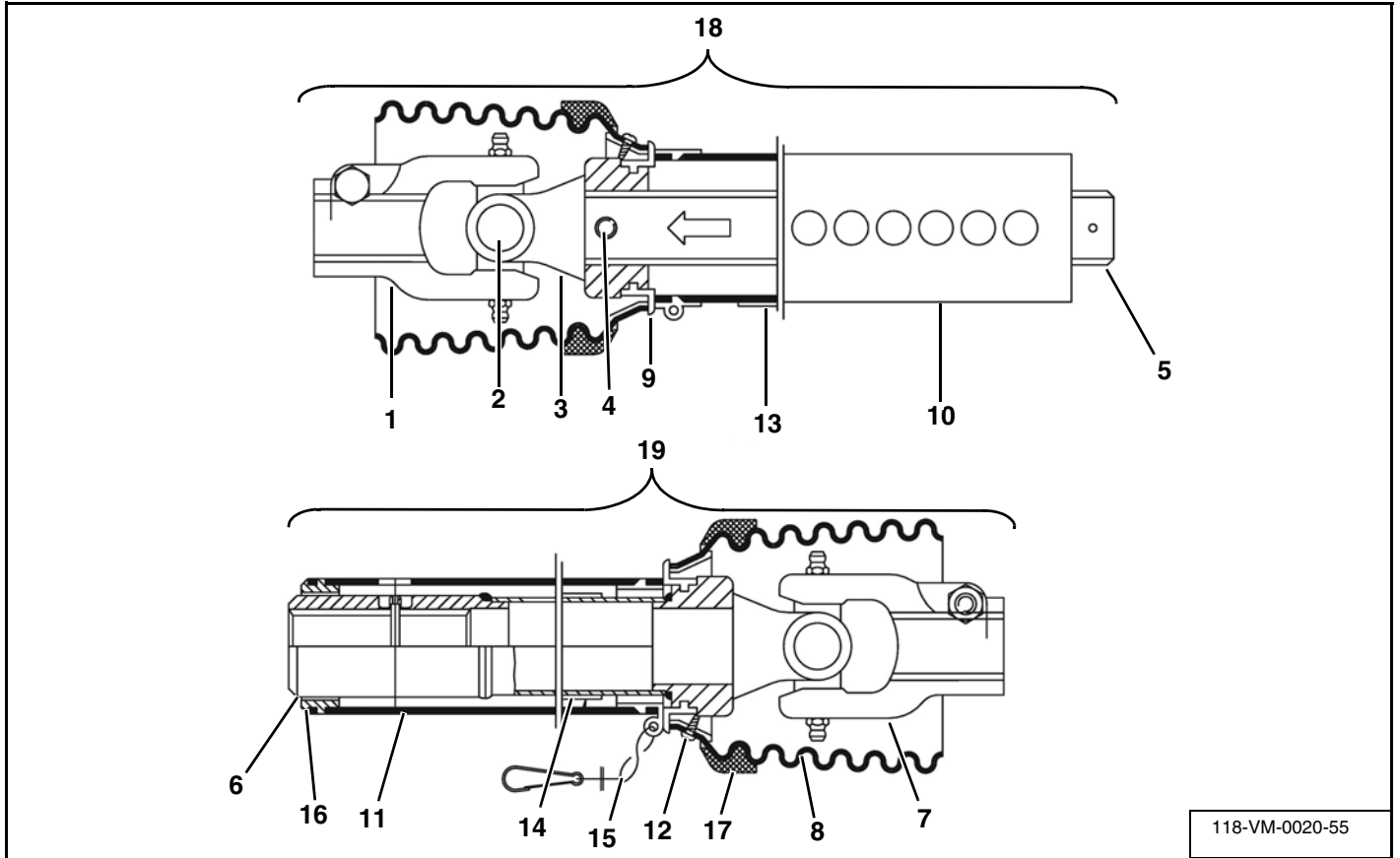
**CUTOUT CLUTCH  
MODELS: 585 - 1215**



118-VM-0021-55-1

| KEY | PART NUMBER        | QTY | DESCRIPTION            |
|-----|--------------------|-----|------------------------|
| 0   | 118-VM-0021-55-1   | 1   | Cutout Clutch Complete |
| 1   | 618-0202-2-3-1     | 1   | Housing                |
| 2   | 118-VM-0021-55-1-1 | 1   | Hub                    |
| 3   | 118-VM-0021-55-1-2 | 1   | Spring Pack            |
| 4   | 918-0208-2-3-5     | 1   | Washer                 |
| 5   | 918-0208-2-3-6     | 1   | Retaining Ring         |
| 6   | 918-0208-2-3-7     | 1   | Sealing Ring           |
| 7   | 918-0410-2-1-1     | 1   | Clamp Cone Assembly    |
| 8   | 918-0308-2-2-4     | 4   | Cam                    |

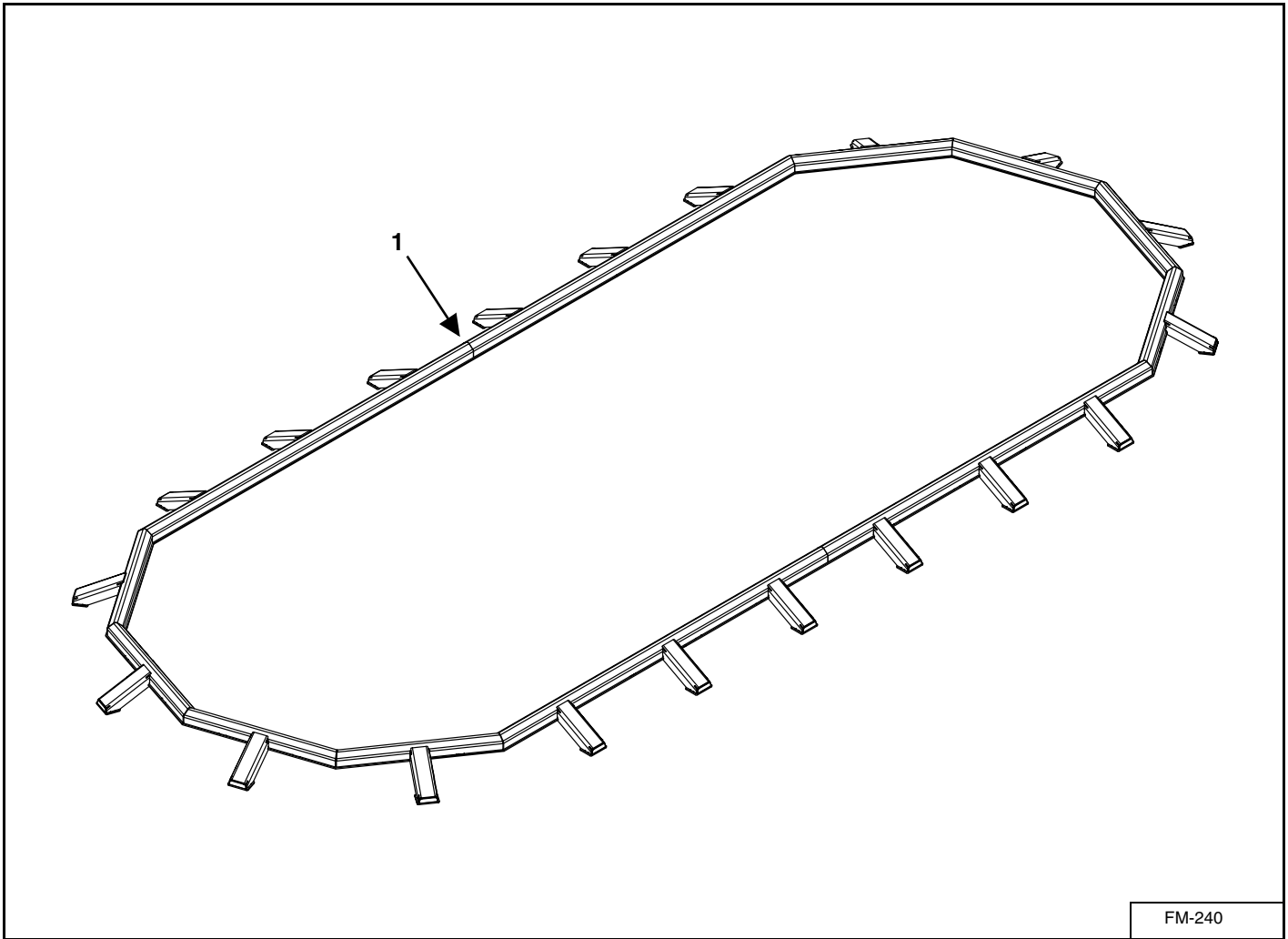
**1-3/4-20 SPLINE X 1-3/4-20 SPLINE DRIVE SHAFT  
MODELS: 585 - 1215**



| KEY | PART NUMBER      | QTY | DESCRIPTION                          |
|-----|------------------|-----|--------------------------------------|
| 0   | 118-VM-0020-55   | 1   | 1-3/4-20 Spline PTO Complete         |
| 1   | 118-VM-0010-25-1 | 1   | Yoke ASG                             |
| 2   | 118-VM-0010-25-2 | 2   | Cross & Bearing Kit                  |
| 3   | 118-VM-0020-55-3 | 1   | Inboard Yoke                         |
| 4   | 618-0202-2-5     | 2   | Spring Pin, 10 x 90                  |
| 5   | 118-VM-0020-55-4 | 1   | Inner Profile                        |
| 6   | 118-VM-0020-55-5 | 1   | Inboard Yoke (Includes Item 14)      |
| 7   | 118-VM-0010-25-1 | 1   | Yoke AGKF                            |
| 8   | 118-VM-0024-55-7 | 2   | Guard Cone, 7 Rib (Includes Item 12) |
| 9   | 918-0208-2-4     | 2   | Bearing Ring                         |
| 10  | 118-VM-0020-55-6 | 1   | Guard Tube Outer (Includes Item 13)  |
| 11  | 118-VM-0020-55-7 | 1   | Guard Tube Inner                     |
| 12  | 918-208-2-9      | 2   | Screw                                |
| 13  | 918-0208-2-8     | 1   | Decal Outer                          |
| 14  | 918-0208-1-10    | 1   | Decal Inner                          |
| 15  | 918-0208-2-7     | 1   | Restraint Chain                      |
| 16  | 918-0208-1-11    | 1   | Support Bearing                      |
| 17  | 618-0202-2-8     | 2   | Reinforcing Collar                   |
| 18  | 118-VM-0020-55-1 | 1   | Male Half Shaft                      |
| 19  | 118-VM-0020-55-2 | 1   | Female Half Shaft                    |

**OPTIONAL EQUIPMENT**

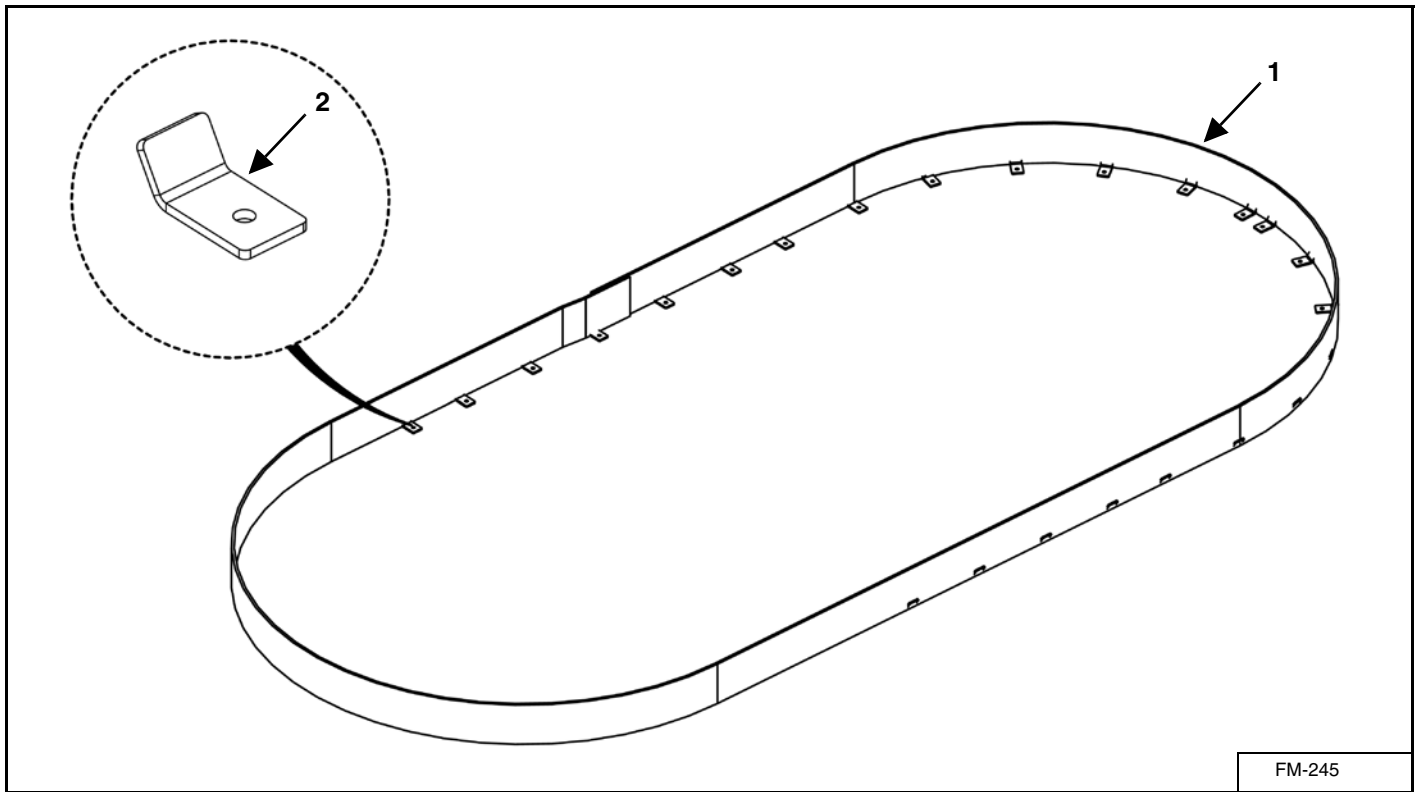
**HAY RETAINING RING**



| KEY | PART NUMBER   | QTY | DESCRIPTION                     | MIXER MODEL |
|-----|---------------|-----|---------------------------------|-------------|
| 1   | M4-1-5-0002   | 1   | Hay Retention Ring End Weldment | 585         |
|     | M4-1-7-0003   | 1   | Hay Retention Ring End Weldment | 700         |
|     | M4-1-8-0007   | 1   | Hay Retention Ring End Weldment | 815         |
|     | M4-1-10-0002  | 1   | Hay Retention Ring End Weldment | 1015        |
|     | M4-1-12-0002  | 1   | Hay Retention Ring End Weldment | 1215        |
| NS  | 851-5013-1.5Z | AR  | 1/2"-13 x 1 1/4" Bolt           | 585 - 1215  |
| NS  | 805-0050-Z    | AR  | 1/2" Flat Washer                | 585 - 1215  |
| NS  | 810-5013-Z    | AR  | 1/2" Spin Lock Nut              | 585 - 1215  |



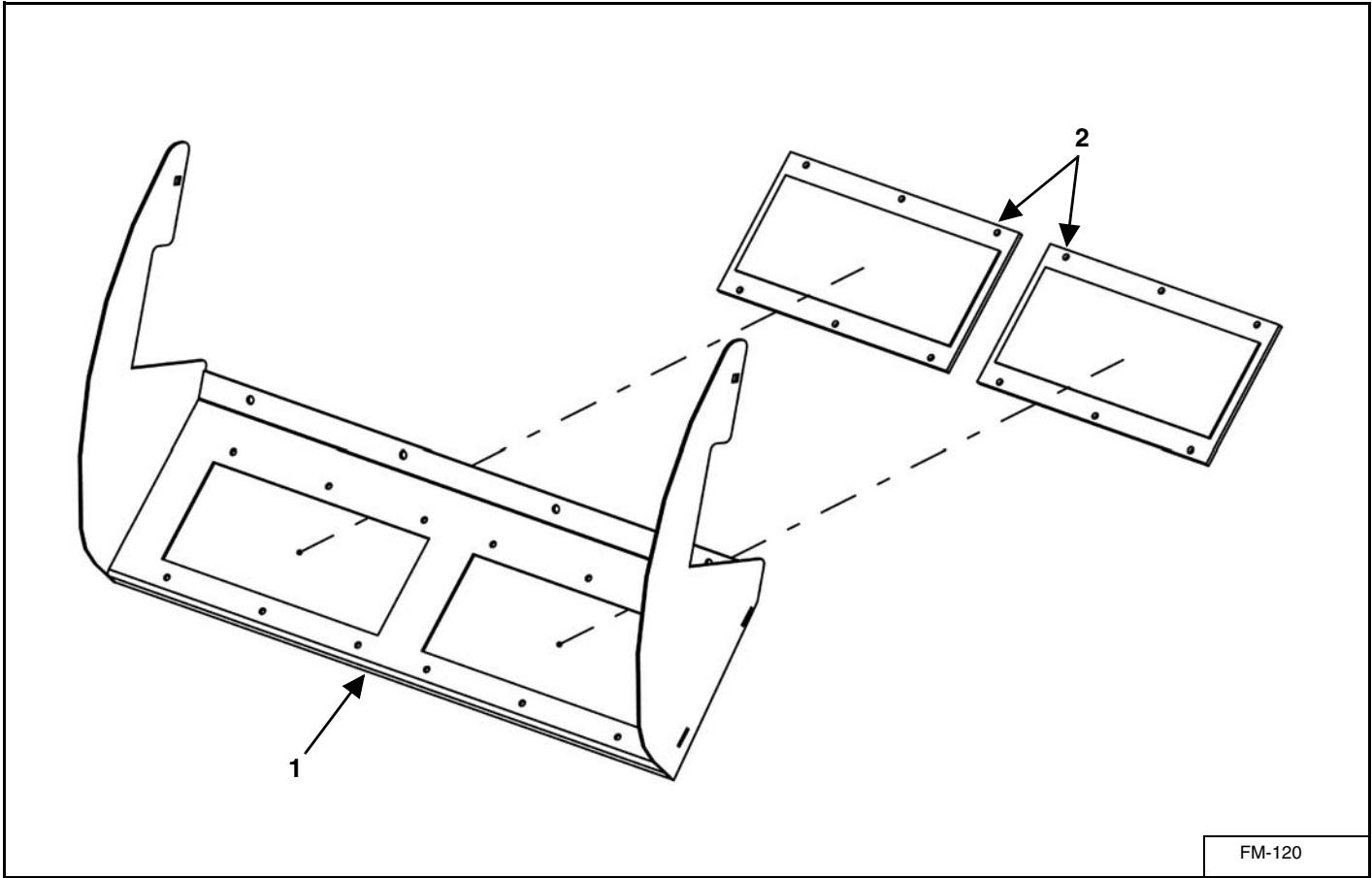
## 8" CAPACITY EXTENSION



FM-245

| KEY | PART NUMBER    | QTY | DESCRIPTION                                  | MIXER MODEL |
|-----|----------------|-----|--|-------------|
| 0   | VA-0585-CE-8   | 1   | 8" Capacity Extension Assembly               | 585         |
|     | VA-0700-CE-8   | 1   | 8" Capacity Extension Assembly               | 700         |
|     | VA-0815-CE-8   | 1   | 8" Capacity Extension Assembly               | 815         |
|     | VA-1015-CE-8   | 1   | 8" Capacity Extension Assembly               | 1015        |
|     | VA-1215-CE-8   | 1   | 8" Capacity Extension Assembly               | 1215        |
| 1   | M11-5-0001     | 1   | 8" Capacity Extension .453" x 8" x 45 FT     | 585         |
|     | M11-7-0001     | 1   | 8" Capacity Extension .453" x 8" x 46 FT     | 700         |
|     | M11-8-0001     | 1   | 8" Capacity Extension .453" x 8" x 53-1/2 FT | 815         |
|     | M11-10-0001    | 1   | 8" Capacity Extension .453" x 8" x 55 FT     | 1015        |
|     | M11-12-0001    | 1   | 8" Capacity Extension .453" x 8" x 56 FT     | 1215        |
|     | 805-0038-Z     | 4   | 3/8 Flat Washer                              | 585 - 1215  |
|     | 815-3816-Z     | 2   | 3/8-16 Nylon Insert Lock Nut                 | 585 - 1215  |
|     | 851-3816-1.25Z | 2   | 3/8-16 x 1-1/4 Grade 5 Machine Bolt          | 585 - 1215  |
| 2   | M4-1-8-0006    | 38  | Belt Extension Mounts                        | 585 - 1215  |
|     | 805-0050-Z     | 38  | 1/2 Flat Washer                              | 585 - 1215  |
|     | 814-5013-Z     | 38  | 1/2-13 Indented Lock Nut                     | 585 - 1215  |
|     | 851-5013-1.5Z  | 38  | 1/2-13 x 1-1/2 Grade 5 Machine Bolt          | 585 - 1215  |

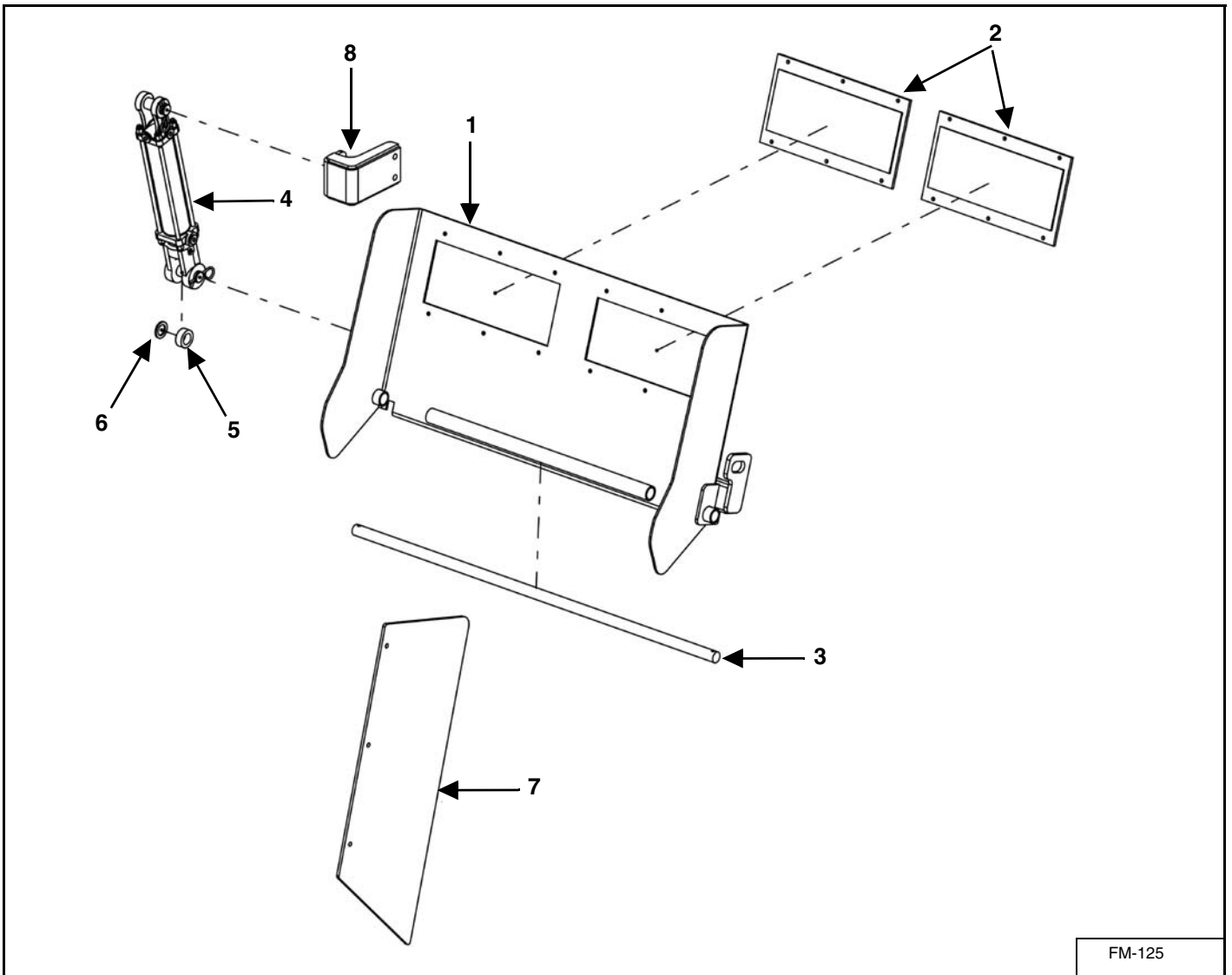
**TIP OFF  
FRONT INCLINE DISCHARGE (CHAIN ONLY) & SIDE DISCHARGE**



FM-120

| KEY | PART NUMBER    | QTY | DESCRIPTION                              | MIXER MODEL       |
|-----|----------------|-----|--|-------------------|
| 1   | M3-1-7-0015    | 1   | Front Incline Discharge Tip Off Weldment | 585-F/700-F       |
|     | M3-1-12-0005   | 1   | Side Discharge Conveyor Tip Off Weldment | 585/700/1015/1215 |
|     | 810-3816-Z     | 8   | 3/8" Spin Lock Nut                       | 585/700/1015/1215 |
|     | 851-3816-.75Z  | 6   | 3/8-16 x 3/4" Bolt                       | 585/700/1015/1215 |
|     | 850-3816-.75Z  | 2   | 3/8-16 x 3/4" Bolt                       | 585/700/1015/1215 |
| 2   | M11-1-0004     | 2   | 15" Discharge Magnet                     | 585-F/700-F       |
|     | M11-1-0009     | 2   | 18.5" Discharge Magnet                   | 585/700/1015/1215 |
|     | 802T-3118-.75Z | 12  | 5/16-18 x 3/4" Truss Head Machine Screw  | 585-F/700-F       |
|     | 802T-3118-.75Z | 16  | 5/16-18 x 3/4" Truss Head Machine Screw  | 585/700/1015/1215 |
|     | 810-3118-Z     | 12  | 5/16-18 Spin Lock Nut                    | 585-F/700-F       |
|     | 810-3118-Z     | 16  | 5/16-18 Spin Lock Nut                    | 585/700/1015/1215 |

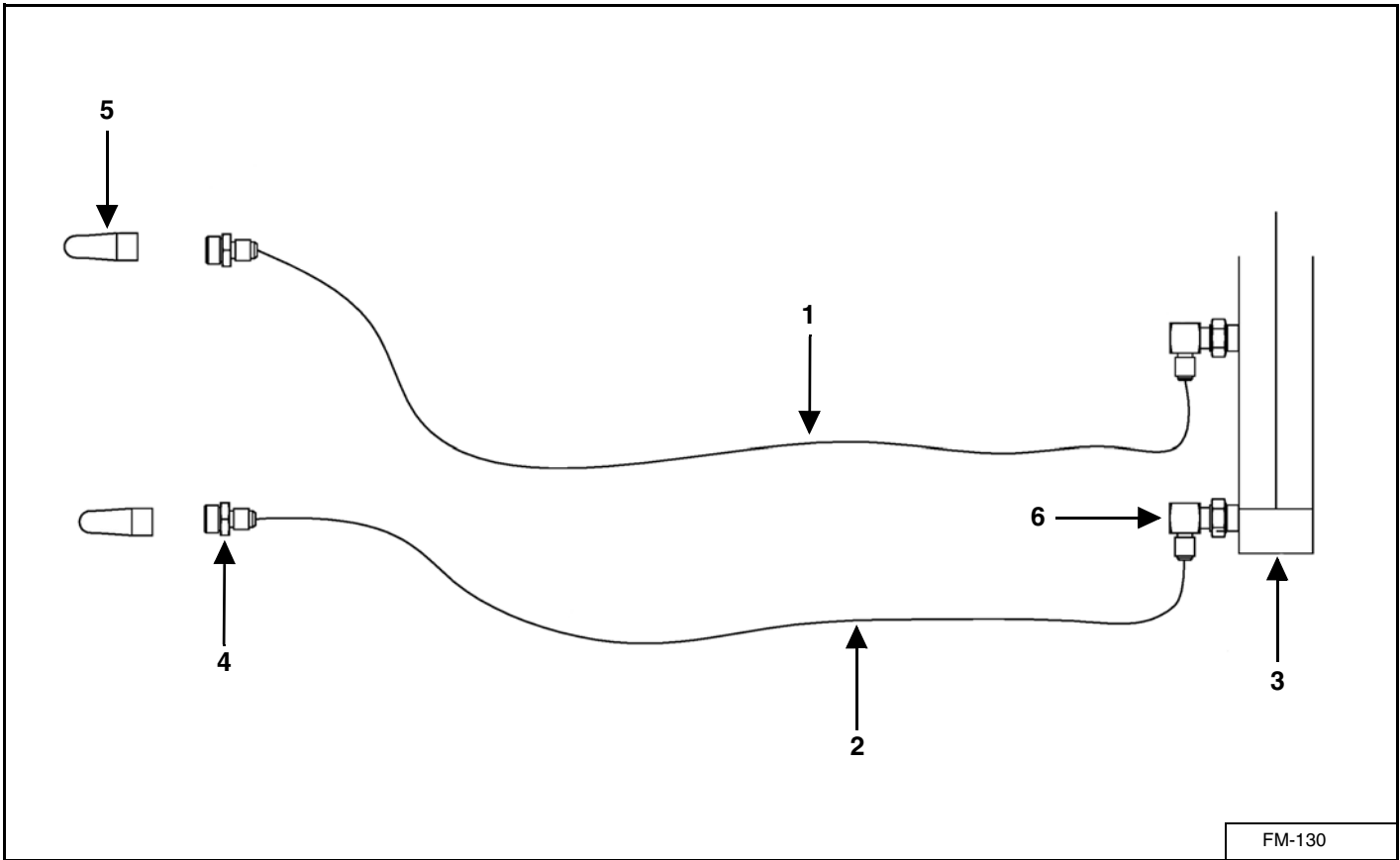
## SIDE DISCHARGE SLIDE TRAY



FM-125

| KEY | PART NUMBER     | QTY | DESCRIPTION                                      | MIXER MODEL |
|-----|-----------------|-----|--|-------------|
| 1   | M3-1-12-0006    | 1   | 42" Slide Tray Weldment                          | 585 - 1215  |
| 2   | M11-1-0009      | 2   | 18-1/2" Discharge Magnet                         | 585 - 1215  |
|     | 802T-3118-.75Z  | 16  | 5/16-18 x 3/4" Screw                             | 585 - 1215  |
|     | 810-3118-Z      | 16  | 5/16-18 Spin Lock Nut                            | 585 - 1215  |
| 3   | M3-1-12-0008    | 1   | Chute Pivot Rod 1" x 47-3/4"                     | 585 - 1215  |
| 4   | 155-2-8-1.125-1 | 1   | 2" x 8" x 1-1/8" Hydraulic Cylinder #8 SAE Ports | 585 - 1215  |
| 5   | 33-0309         | 1   | Cylinder Pin Spacer                              | 585 - 1215  |
| 6   | 808-1-1.5-10-Z  | 1   | 10GA 1" ID x 1-1/2" OD MB                        | 585 - 1215  |
| 7   | M3-1-4-0044     | 1   | Slide Tray Deflector Belting                     | 585 - 1215  |
|     | 805-0038-Z      | 3   | 3/8" Flat Washer                                 | 585 - 1215  |
|     | 815-3816-Z      | 3   | 3/8-16 Nylon Insert Lock Nut                     | 585 - 1215  |
|     | 850-3816-1Z     | 3   | 3/8-16 x 1" Bolt                                 | 585 - 1215  |
| 8   | M3-1-4-0041     | 1   | Slide Tray Cylinder Mount Weldment               | 355/470     |

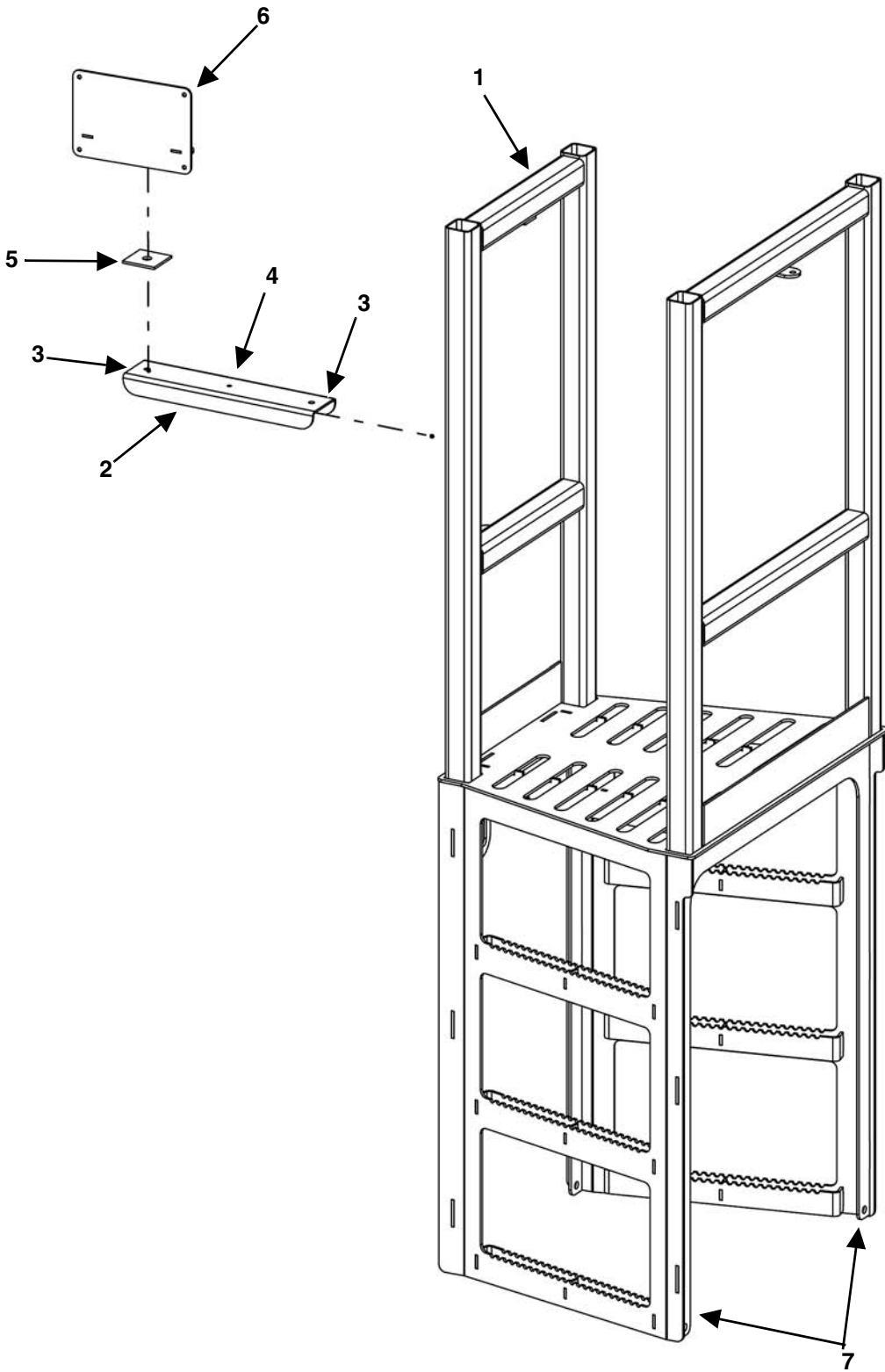
## SLIDE TRAY HYDRAULIC SCHEMATIC



| KEY | PART NUMBER     | QTY | DESCRIPTION                                 | MIXER MODEL   |
|-----|-----------------|-----|---|---------------|
| 1   | 155-04R17-240-1 | 1   | 1/4 x 240" Hose Assembly                    | 585/700       |
|     | 155-04R17-251-1 | 1   | 1/4 x 251" Hose Assembly                    | 815/1015/1215 |
| 2   | 155-04R17-233-1 | 1   | 1/4 x 233" Hose Assembly                    | 585/700       |
|     | 155-04R17-240-1 | 1   | 1/4 x 240" Hose Assembly                    | 815/1015/1215 |
| 3   | 155-2-8-1.125-1 | 1   | 2 x 8 x 1-1/8" Hydraulic Cylinder           | 585 - 1215    |
| 4   | 155-6400-6-8    | 2   | #6 JIC Male, #8 ORB Male Straight Connector | 585 - 1215    |
| 5   | 155-8010-15     | 2   | #8 ORB Male Tip 1/2" Body Size              | 585 - 1215    |
| 6   | 155-6801-6-8    | 1   | #6 JIC Male, #8 ORB Male Adjustable 90°     | 585 - 1215    |



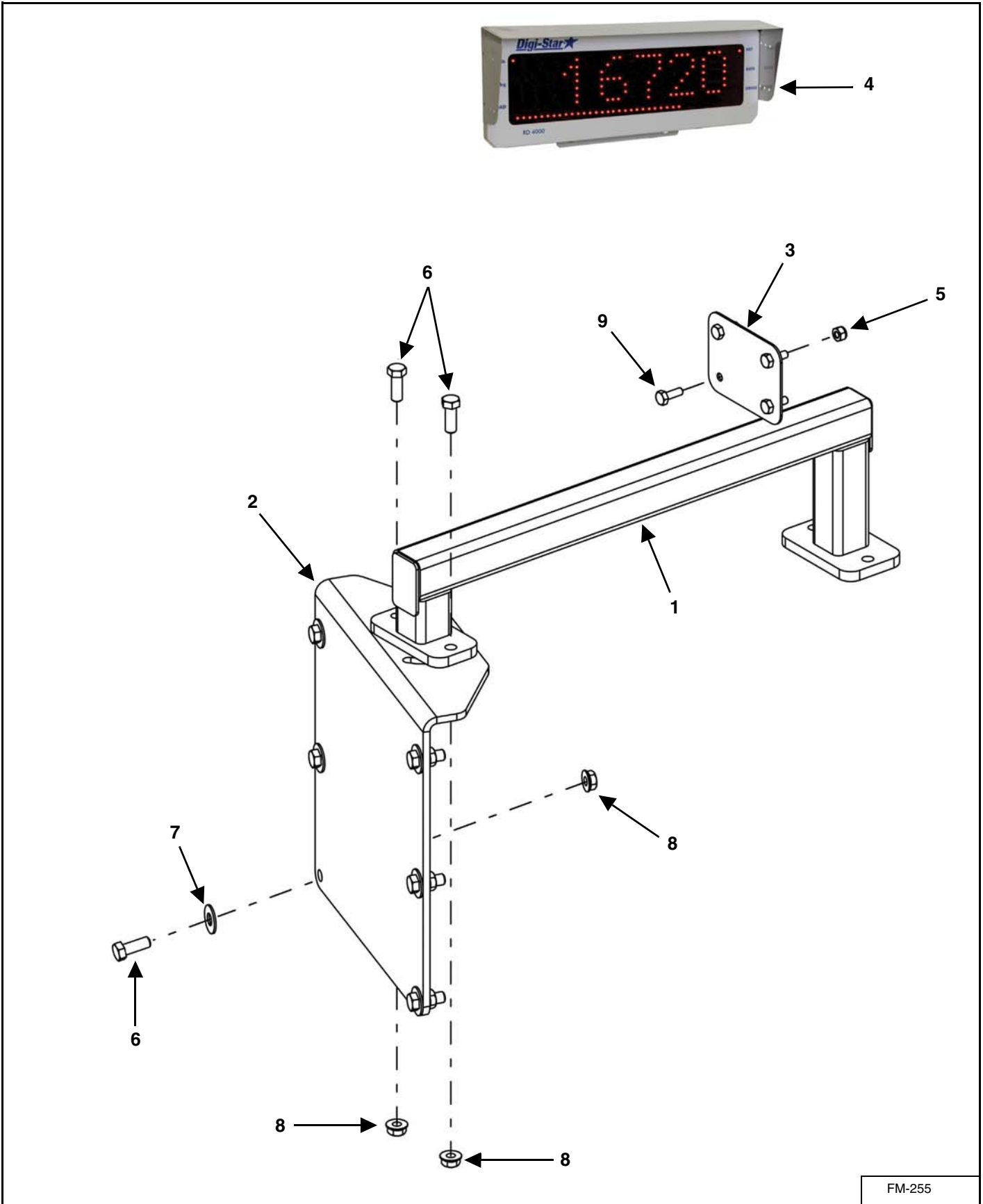
VIEWING PLATFORM



PB-19\_005

| KEY | PART NUMBER    | QTY | DESCRIPTION                            | MIXER MODEL |
|-----|----------------|-----|--|-------------|
| 1   | M10-1-5-0005   | 1   | Viewing Platform Weldment              | 585         |
|     | M10-1-7-0003   | 1   | Viewing Platform Weldment              | 700         |
|     | M10-1-8-0006   | 1   | Viewing Platform Weldment, Single Axle | 815         |
|     | M10-1-8-0007   | 1   | Viewing Platform Weldment, Tandem Axle | 815         |
|     | M10-1-10-0006  | 1   | Viewing Platform Weldment, Single Axle | 1015        |
|     | M10-1-10-0005  | 1   | Viewing Platform Weldment, Tandem Axle | 1015        |
|     | M10-1-12-0008  | 1   | Viewing Platform Weldment, Single Axle | 1215        |
|     | M10-1-12-0009  | 1   | Viewing Platform Weldment, Tandem Axle | 1215        |
| 2   | M9-1-8-0003    | 1   | Scale Arm                              | 585 - 1215  |
| 3   | 851-3816-1Z    | 2   | 3/8-16 x 1" Machine Bolt               | 585 - 1215  |
|     | 815-3816-Z     | 2   | 3/8"-16 Nylon Insert Lock Nut          | 585 - 1215  |
| 4   | 32-0033        | 1   | 1/2" Loom Clamp                        | 585 - 1215  |
|     | 851-2520-.75Z  | 1   | 1/4-20 x 3/4" Machine Bolt             | 585 - 1215  |
|     | 815-2520-Z     | 1   | 1/4-20 Nylon Insert Locknut            | 585 - 1215  |
| 5   | M9-1-8-0004    | 2   | Scale Arm Rubber Washer                | 585 - 1215  |
| 6   | M9-1-8-0002    | 1   | Scale Indicator Mount                  | 585 - 1215  |
| 7   | 810-5013-Z     | 4   | 1/2" Spin Lock Nut                     | 585 - 1215  |
|     | 851-5013-1.25Z | 4   | 1/2-13 x 1-1/4" Machine Bolt           | 585 - 1215  |

# REMOTE SCALE MOUNT

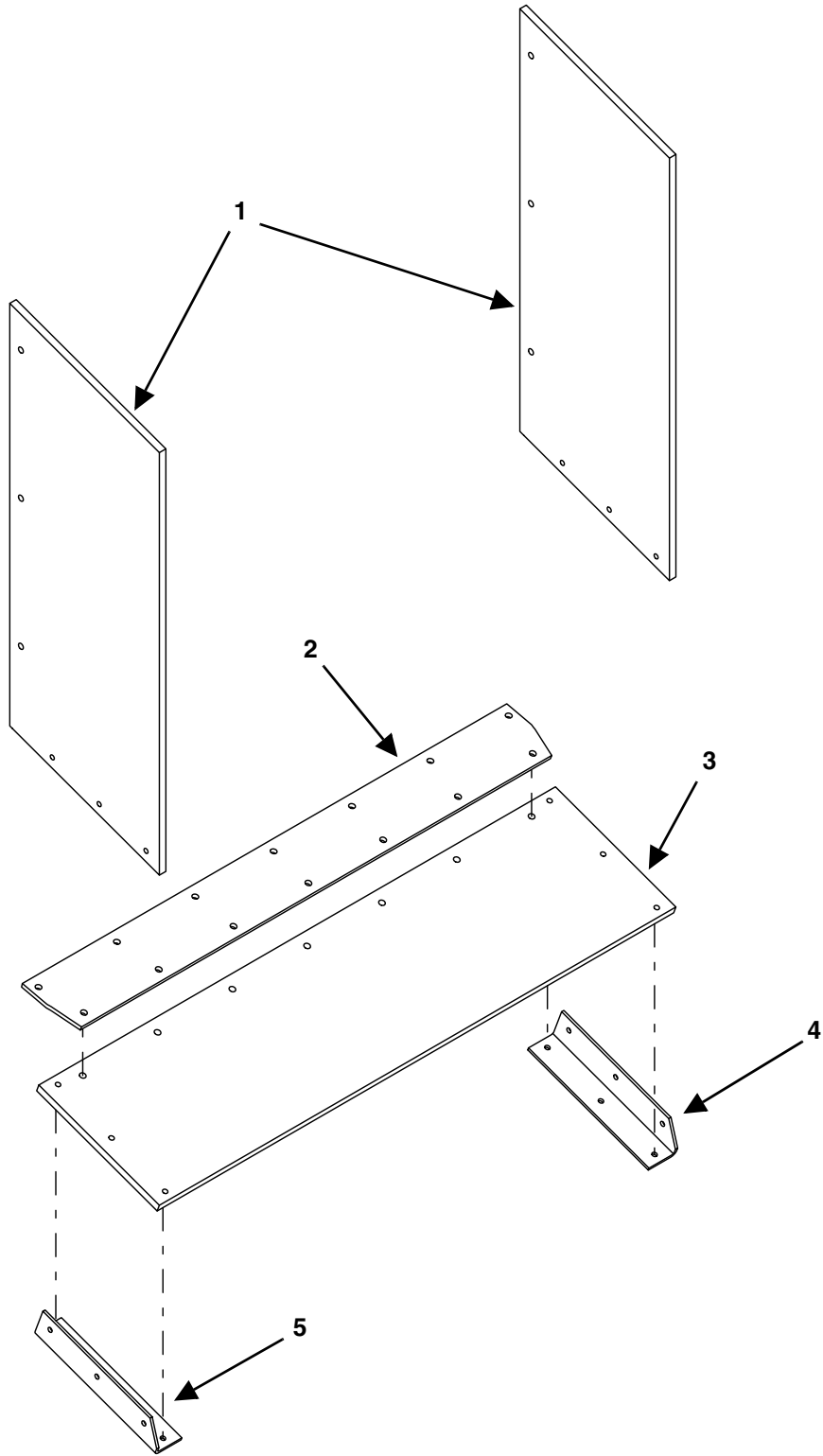


FM-255



| KEY | PART NUMBER    | QTY | DESCRIPTION  | MIXER MODEL           |
|-----|----------------|-----|--|-----------------------|
| 0   | VMSCM-405180   | 1   | Remote Display Kit RD400 With TR Kit & 33' Cable/Visor | 585 - 1215            |
|     | VMSCM-405200   | 1   | Remote Display Kit RD400 With 33' Cable/Visor          | 585 - 1215            |
|     | VMSCM-407227   | 1   | Remote Display Kit RD250 With 25' Cable                | 585 - 1215            |
| 1   | M9-1-10-0001   | 1   | Remote Scale Mount Bracket Weldment                    | 585 - 1215            |
| 2   | M9-1-10-0002   | 1   | Remote Scale Mount Bracket                             | 585 - 1215            |
| 3   | M9-1-10-0003   | 1   | Remote Scale Mount Belt Gusset                         | 585 - 1215            |
| 4   | 58-0010-405180 | 1   | RD4000 Remote Display Kit W/TR-33' Cable/Visor         | 585 - 1215            |
|     | 58-0010-405200 | 1   | RD4000 Remote Display Kit W/33' Cable/Visor            | 585 - 1215            |
| 5   | 815-2520-Z     | 4   | 1/4-20 Nylon Insert Lock Nut                           | 585 - 1215            |
| 6   | 851-3816-1Z    | 8   | 3/8-16 x 1" Grade 5 Machine Bolt                       | 585 - 1215            |
| 7   | 805-0038-Z     | 6   | 3/8" Flat Washer                                       | 585 - 1215            |
| 8   | 810-3816-Z     | 8   | 3/8" Spin Lock Nut                                     | 585 - 1215            |
| 9   | 851-2520-.75Z  | 4   | 1/4-20 x 3/4" Grade 5 Machine Bolt                     | 585 - 1215            |
| NS  | 58-0010-1      | 1   | Remote Cable, Y-Harness For Dual Remote                | 585 - 1215 (Optional) |

# RUBBER SIDE DOOR CHUTE ASSEMBLY

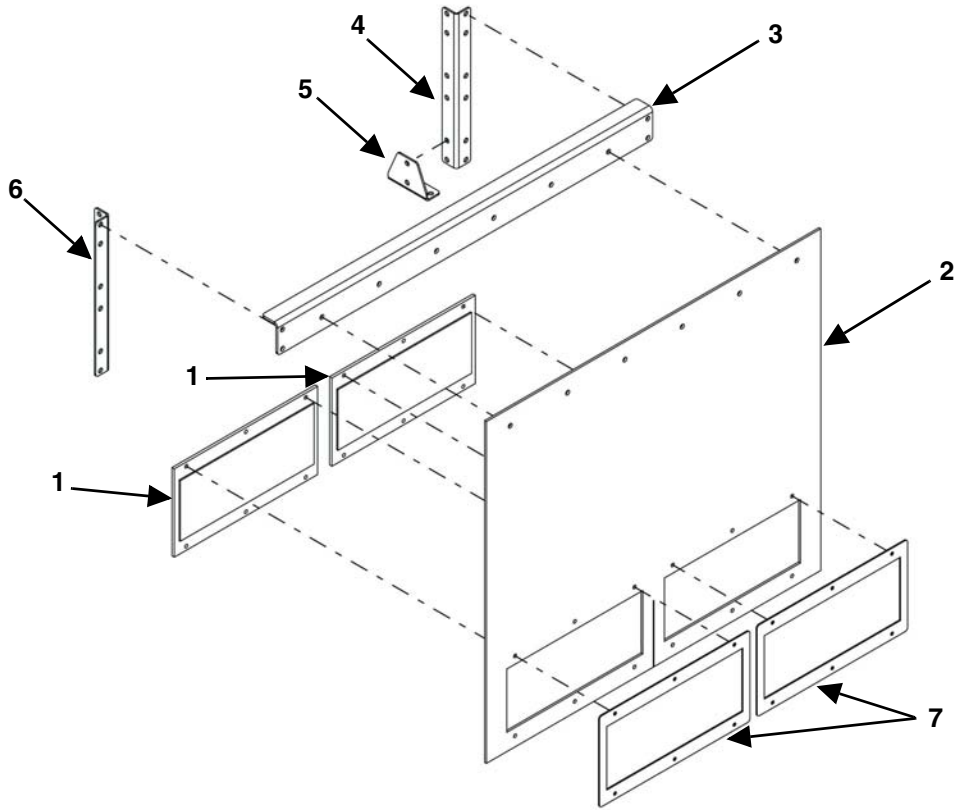


RUBBER SIDE DOOR CHUTE ASSEMBLY

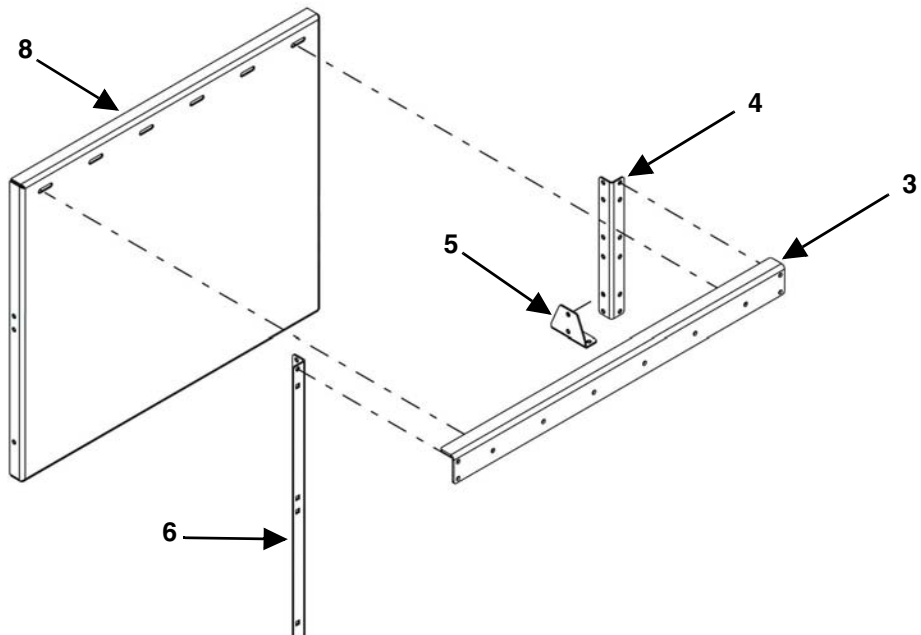
| KEY | PART NUMBER     | QTY | DESCRIPTION  | MIXER MODEL |
|-----|-----------------|-----|--|-------------|
| 0   | VAML-SDBC-12    | 1   | 12" Side Door Belt Chute                                       | 585 - 1215  |
|     | VAML-SDBC-18    | 1   | 18" Side Door Belt Chute                                       | 585 - 1215  |
| 1   | M11-5-0002-2    | 2   | Chute Side Belt (12" Belt Chute)                               | 585 - 1215  |
|     | M11-5-0002-2-18 | 2   | Chute Side Belt (18" Belt Chute)                               | 585 - 1215  |
| 2   | M11-5-0002-5    | 1   | Side Door Belt Chute Mount                                     | 585 - 1215  |
| 3   | M11-5-0002-1    | 1   | Chute Bottom Belt (12" Belt Chute)                             | 585 - 1215  |
|     | M11-5-0002-1-18 | 1   | Chute Bottom Belt (18" Belt Chute)                             | 585 - 1215  |
| 4   | M11-5-0002-4    | 1   | Chute Corner Right Side Bracket (Facing Door) (12" Belt Chute) | 585 - 1215  |
|     | M11-5-0002-4-18 | 1   | Chute Corner Right Side Bracket (Facing Door) (18" Belt Chute) | 585 - 1215  |
| 5   | M11-5-0002-3    | 1   | Chute Corner Left Side Bracket (Facing Door) (12" Belt Chute)  | 585 - 1215  |
|     | M11-5-0002-3-18 | 1   | Chute Corner Right Side Bracket (Facing Door) (18" Belt Chute) | 585 - 1215  |
| NS  | 802T-2520-1Z    | 12  | 1/4-20 x 1" Truss Head Machine Screw (12" Belt Chute)          | 585 - 1215  |
|     | 802T-2520-1Z    | 20  | 1/4-20 x 1" Truss Head Machine Screw (18" Belt Chute)          | 585 - 1215  |
| NS  | 802T-3118-1.25Z | 20  | 5/16-18 x 1-1/4" Truss Head Machine Screw                      | 585 - 1215  |
| NS  | 805-0025-Z      | 12  | 1/4" Flat Washer (12" Belt Chute)                              | 585 - 1215  |
|     | 805-0025-Z      | 20  | 1/4" Flat Washer (18" Belt Chute)                              | 585 - 1215  |
| NS  | 805-0031-Z      | 13  | 5/16" Flat Washer  | 585 - 1215  |
| NS  | 810-3118-Z      | 7   | 5/16-18 Spin Lock Nut  | 585 - 1215  |
| NS  | 815-2520-Z      | 12  | 1/4-20 Nylon Insert Lock Nut (12" Belt Chute)                  | 585 - 1215  |
|     | 815-2520-Z      | 20  | 1/4-20 Nylon Insert Lock Nut (18" Belt Chute)                  | 585 - 1215  |
| NS  | 815-3118-Z      | 13  | 5/16-18 Nylon Insert Lock Nut                                  | 585 - 1215  |

CONVEYOR HANGING MAGNET/WEIGHT & DEFLECTOR ASSEMBLY

HANGING MAGNET & WEIGHT ASSEMBLY

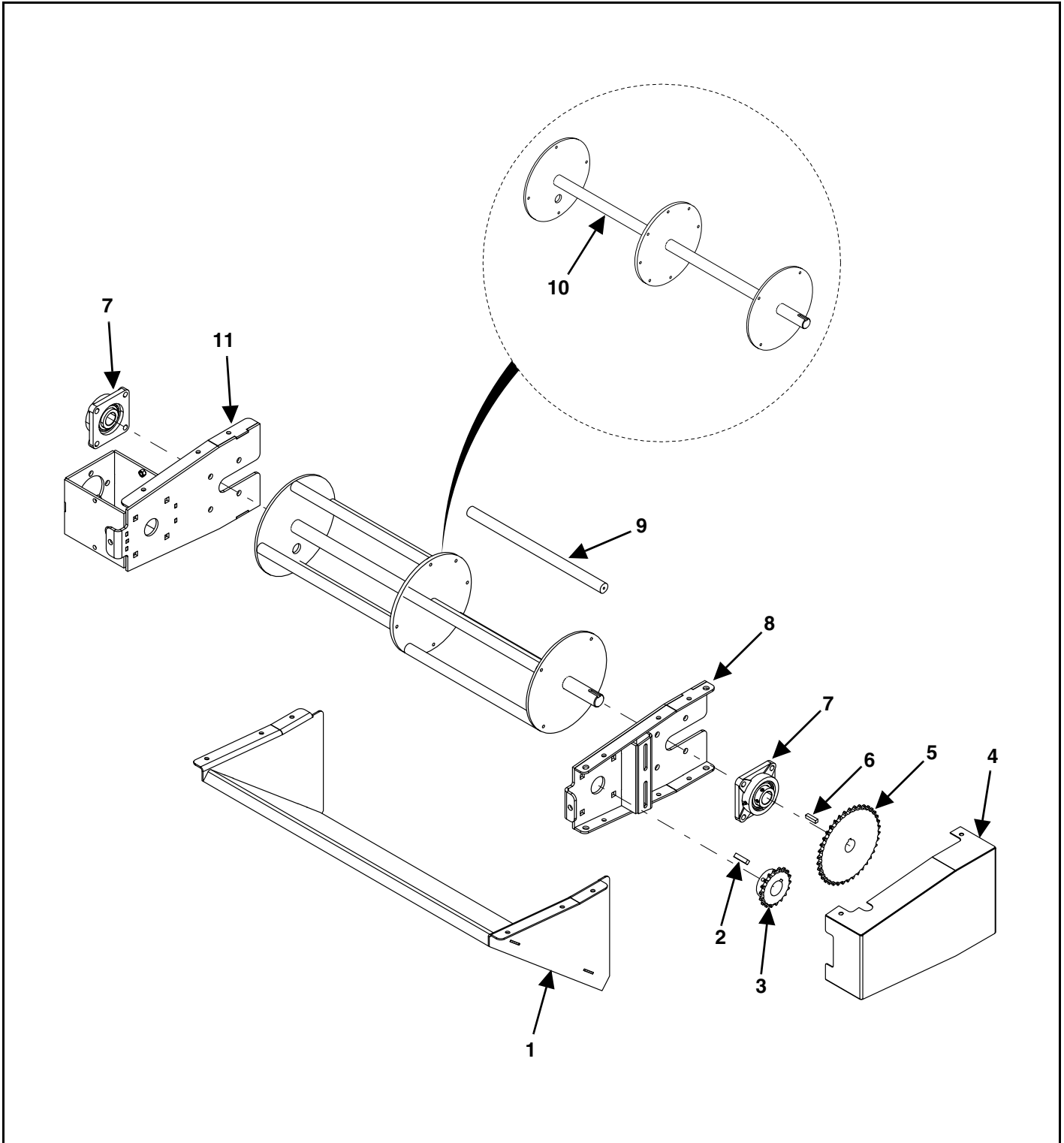


DEFLECTOR ASSEMBLY



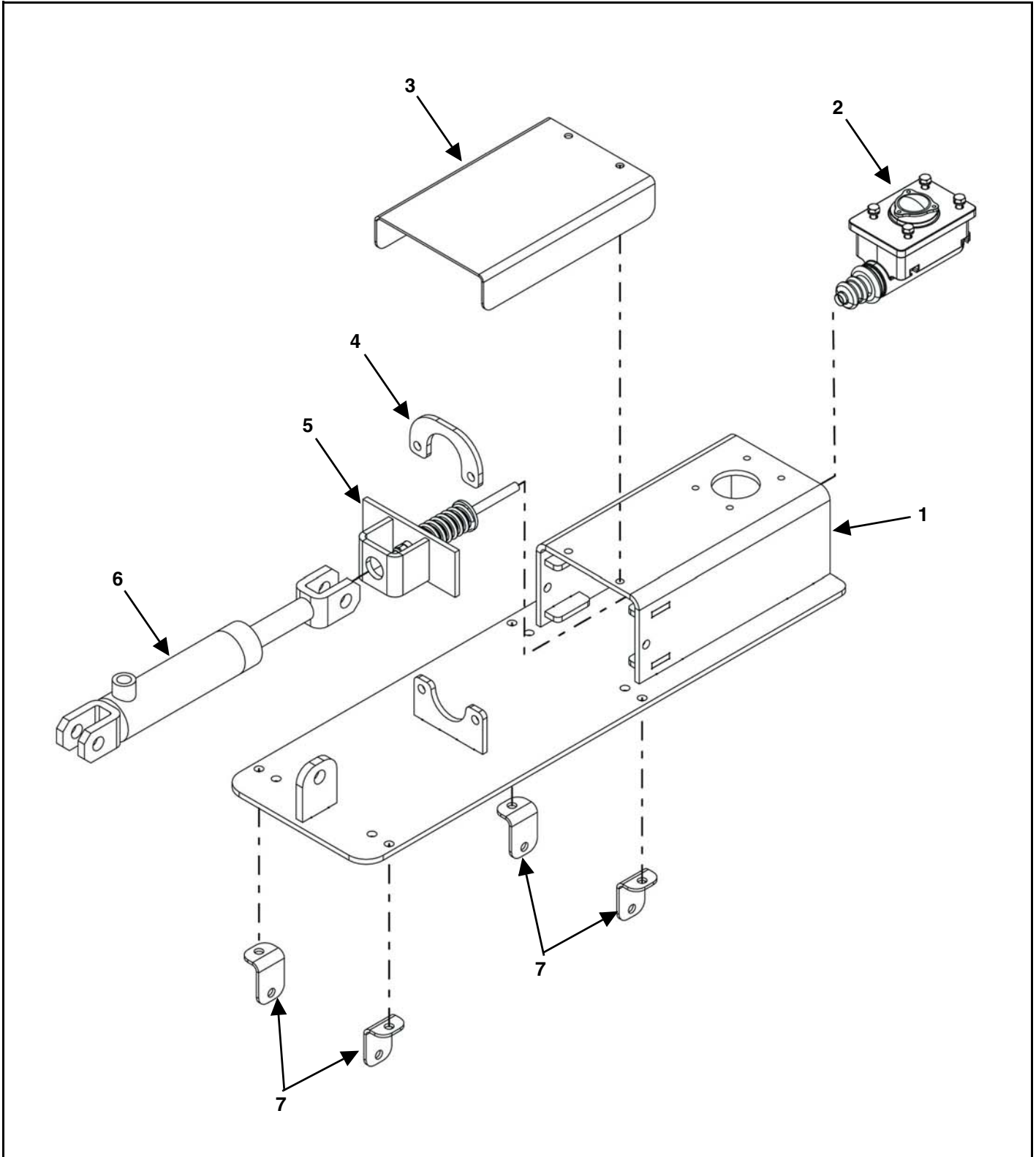
| KEY | PART NUMBER    | QTY | DESCRIPTION  | MIXER MODEL |
|-----|----------------|-----|--|-------------|
| 0   | VAML-HMB-F     | 1   | Hanging Magnet Kit For Left / Right Discharge (Front Flat Belt Conveyor)   | 585 - 1215  |
|     | VAML-HMB-I     | 1   | Hanging Magnet Kit For Left / Right Discharge (Front Incline Belt Conveyor)  | 585 - 1215  |
|     | VAML-HDB-F     | 1   | Hanging Weight Kit For Left/Right Discharge (Front Flat Belt Conveyor)   | 585 - 1215  |
|     | VAML-HDB-I     | 1   | Hanging Weight Kit For Left/Right Discharge (Front Incline Belt Conveyor)  | 585 - 1215  |
|     | VAML-DBD-F     | 1   | Deflector Kit For Left/Right Discharge (Front Flat Belt Conveyor)  | 585 - 1215  |
|     | VAML-DBD-I     | 1   | Deflector Kit For Left/Right Discharge (Front Incline Belt Conveyor)   | 585 - 1215  |
|     | VAML-HMC       | 1   | Hanging Magnet Kit For Left/Right Discharge (Front Flat Chain Conveyor)  | 585 - 1215  |
| 1   | M11-1-0004     | 2   | 15" Hanging Magnet   | 585 - 1215  |
|     | M11-1-0026     | 2   | 15" Hanging Weight Plate   | 585 - 1215  |
| 2   | M11-1-0003-4   | 1   | Magnet Belting   | 585 - 1215  |
| 3   | M11-1-0003-1   | 1   | Hanging Magnet Mount (Front Flat Belt Conveyor)  | 585 - 1215  |
|     | M11-7-0003     | 1   | Hanging Magnet Mount (Front Flat Chain Conveyor)   | 585 - 1215  |
| 4   | M11-1-0003-2   | 1   | Magnet Mount Rear Support Upright (Front Flat Belt Conveyor)   | 585 - 1215  |
|     | M11-7-0002     | 1   | Magnet Mount Rear Support Upright (Front Incline Belt Conveyor)  | 585 - 1215  |
|     | M11-7-0004     | 1   | Magnet Mount Rear Support Upright (Front Flat Chain Conveyor)  | 585 - 1215  |
| 5   | M11-1-0003-3   | 1   | Magnet Support Mount   | 585 - 1215  |
| 6   | M11-1-0003-2   | 1   | Magnet Mount Front Support Upright (Front Flat Belt Conveyor) Prior to SN 17VM(0585201, 0700205, 0815202, 1015205, 1215204)          | 585 - 1215  |
|     | M11-7-0002     | 1   | Magnet Mount Front Support Upright (Front Flat & Incline Belt Conveyor) SN 17VM(0585201, 0700205, 0815202, 1015205, 1215204) & Later | 585 - 1215  |
|     | M11-7-0002     | 1   | Magnet Mount Front Support Upright (Front Flat Chain Conveyor)   | 585 - 1215  |
| 7   | M11-1-0003-4-1 | 2   | Hanging Magnet/Weight Backer Plates  | 585 - 1215  |
| 8   | M11-1-0003-5   | 1   | Deflector Plate (Belt Conveyor Only)   | 585 - 1215  |

# POWER MAGNET



| KEY | PART NUMBER      | QTY | DESCRIPTION  | MIXER MODEL |
|-----|------------------|-----|--|-------------|
| 0   | VAML-PRM-FDI-KIT | 1   | Medium/Large Family Power Magnet Flat Conveyor Kit | 585 - 1215  |
| 1   | M3-1-10-0028     | 1   | Deflector Weldment                                 | 585 - 1215  |
| 2   | 35-0010          | 1   | 3/8" x 3/8" x 1-1/2" Square Key                    | 585 - 1215  |
| 3   | 110-50B18-1.5-1  | 1   | 50B18 1-1/2" Sprocket                              | 585 - 1215  |
| 4   | M3-1-10-0029-1   | 1   | Shield Weldment                                    | 585 - 1215  |
| 5   | 110-50B38-1.25-1 | 1   | 50B38 1-1/4" Sprocket                              | 585 - 1215  |
| 6   | 35-0030          | 1   | 5/16" x 5/16" x 1-1/4" Square Key                  | 585 - 1215  |
| 7   | 14-0101          | 2   | 1-1/4" 4-Bolt Bearing                              | 585 - 1215  |
| 8   | M3-1-10-0025     | 1   | Bearing Mount Weldment                             | 585 - 1215  |
| 9   | M3-1-8-0020-4    | 8   | Magnet Tube  | 585 - 1215  |
| 10  | M3-1-8-0020-1    | 1   | Spinner Weldment                                   | 585 - 1215  |
| 11  | M3-1-10-0026     | 1   | Motor Mount Weldment                               | 585 - 1215  |

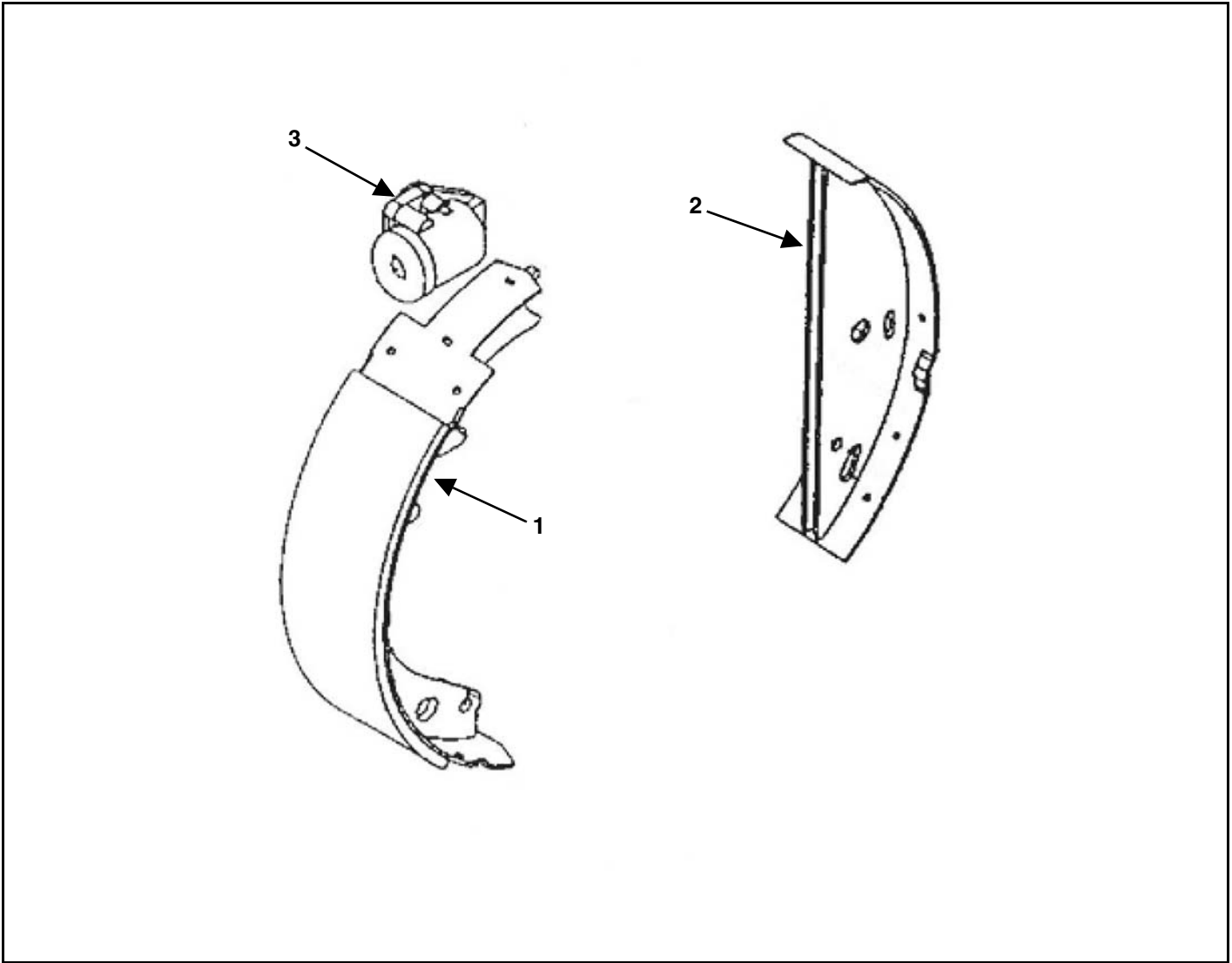
# HAND/FOOT BRAKE CONTROL ACTUATOR ASSEMBLY





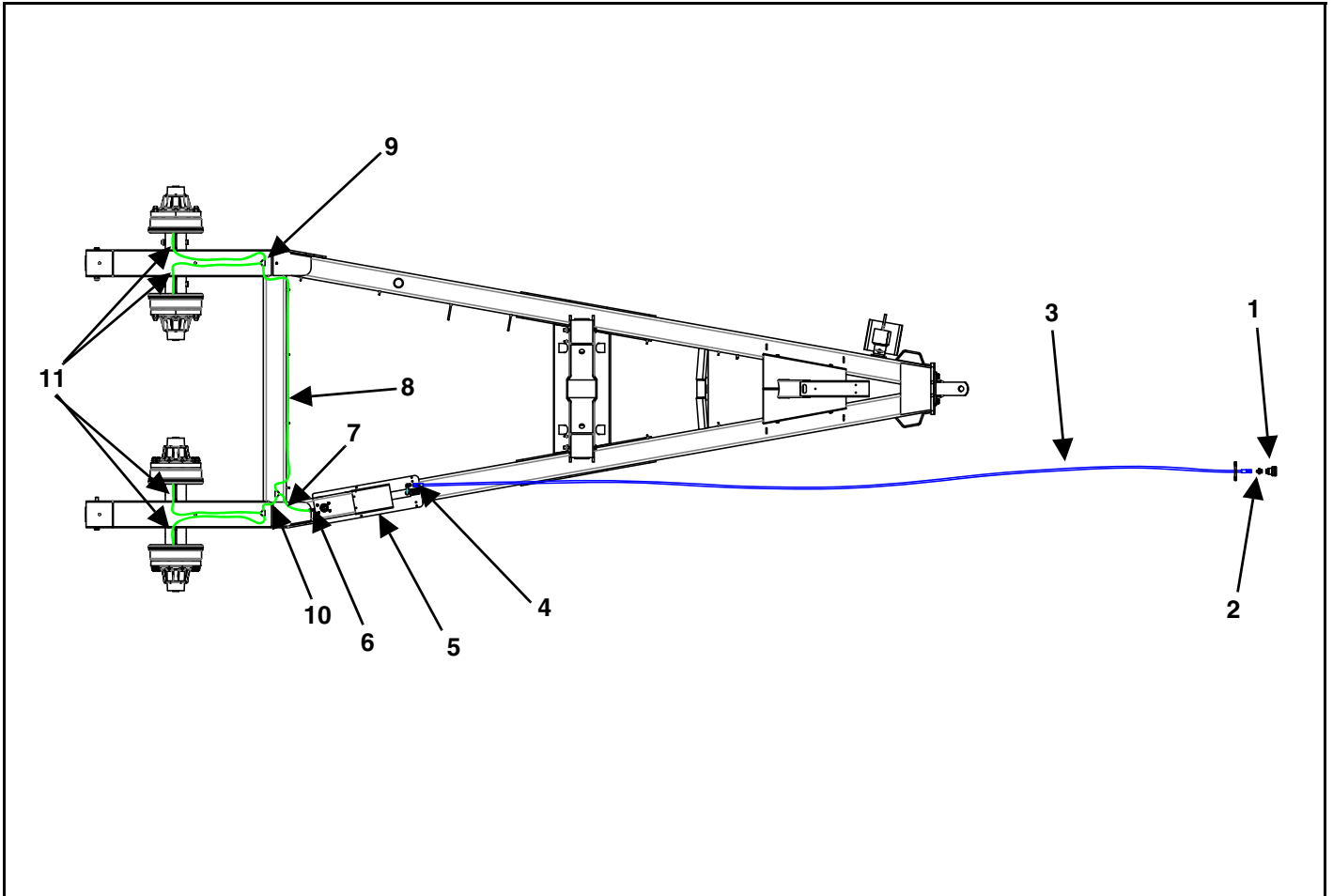
| KEY | PART NUMBER  | QTY | DESCRIPTION                               |
|-----|--------------|-----|---|
| 0   | 75-2230      | 1   | Hand/Foot Control Brake Actuator Assembly |
| 1   | 75-2230-1    | 1   | Brake Actuator Mount Weldment             |
| 2   | 57-2000-4    | 1   | Master Cylinder Assembly                  |
| 3   | 75-2230-3    | 1   | Brake Actuator Cover                      |
| 4   | 75-2230-1-5  | 1   | Brake Actuator Cylinder Mount Plate       |
| 5   | 57-2000-1    | 1   | Push Plate Assembly                       |
| 6   | 955-3772-SPO | 1   | Brake Hydraulic Cylinder                  |
| 7   | 75-2230-1-6  | 4   | Brake Actuator Mount Angle                |

## DRUM BRAKE ASSEMBLY



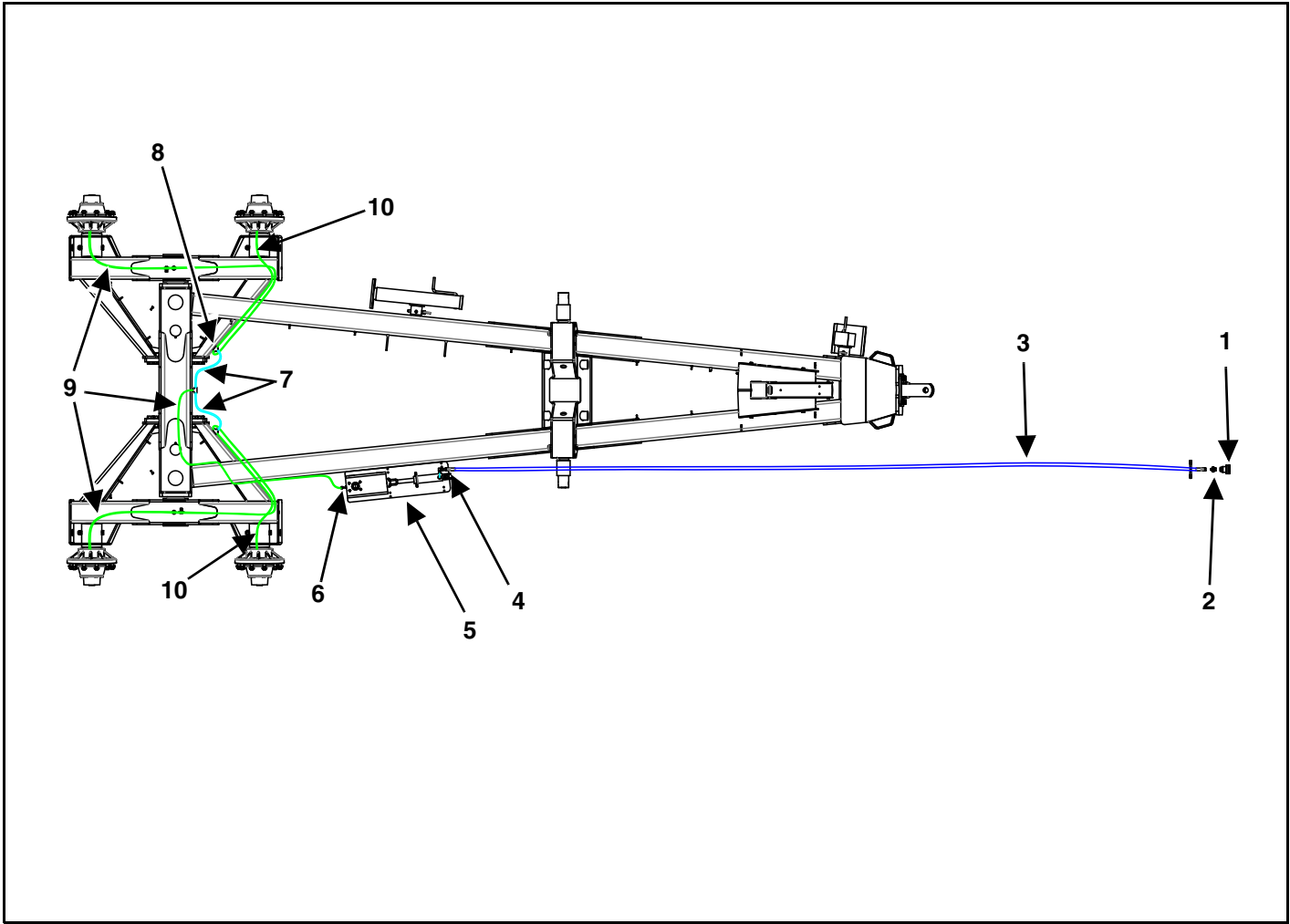
| KEY | PART NUMBER | QTY | DESCRIPTION                               |
|-----|-------------|-----|---|
| 0   | 57-0002     | 1   | 13" R.H. Free Backing Brake Assembly      |
|     | 57-0003     | 1   | 13" L.H. Free Backing Brake Assembly      |
| 1   | 57-0002-5   | 1   | Shoe Assembly                             |
| 2   | 57-0002-3   | 1   | Brake Shoe Assembly                       |
| 3   | 57-0003-1   | 1   | Wheel Cylinder Assembly Left              |
|     | 57-0002-1   | 1   | Wheel Cylinder Assembly Right (Not Shown) |

## SINGLE AXLE HYDRAULIC BRAKE SCHEMATIC



| KEY | PART NUMBER     | QTY | DESCRIPTION                               | MIXER MODEL |
|-----|-----------------|-----|---|-------------|
| 1   | 55-0212         | 1   | Female Flat Face Coupler                  | 1215        |
| 2   | 155-9002-6-8    | 1   | Adapter                                   | 1215        |
| 3   | 155-04R17-218-1 | 1   | 1/4" x 218" Hose Assembly                 | 1215        |
| 4   | 155-2501-06-04  | 1   | 90 Degree Adapter                         | 1215        |
| 5   | See Page 136    | 1   | Hand/Foot Control Brake Actuator Assembly | 1215        |
| 6   | 57-0029-17      | 1   | Inverted Flare Full Flow Orifice Fitting  | 1215        |
| 7   | 57-0071         | 1   | 12" Brake Line Assembly                   | 1215        |
| 8   | 57-0020         | 1   | 90" Brake Line Assembly                   | 1215        |
| 9   | 57-0013         | 3   | Frame T With Clip                         | 1215        |
| 10  | 57-0053         | 1   | 6" Brake Line Assembly                    | 1215        |
| 11  | 57-0021         | 4   | 41" Brake Line Assembly                   | 1215        |

## TANDEM HYDRAULIC BRAKE SCHEMATIC



| KEY | PART NUMBER     | QTY | DESCRIPTION                               | MIXER MODEL |
|-----|-----------------|-----|---|-------------|
| 1   | 55-0212         | 1   | Female Flat Face Coupler                  | 1215        |
| 2   | 155-9002-6-8    | 1   | Adapter                                   | 1215        |
| 3   | 155-04R17-208-1 | 1   | 1/4" x 208" Hose Assembly                 | 1215        |
| 4   | 155-2501-06-04  | 1   | 90 Degree Adapter                         | 1215        |
| 5   | See Page 136    | 1   | Hand/Foot Control Brake Actuator Assembly | 1215        |
| 6   | 57-0029-17      | 1   | Inverted Flare Full Flow Orifice Fitting  | 1215        |
| 7   | 57-0010         | 2   | 18" Brake Line Assembly                   | 1215        |
| 8   | 57-0013         | 3   | Frame T With Clip                         | 1215        |
| 9   | 57-0020         | 3   | 90" Brake Line Assembly                   | 1215        |
| 10  | 57-0021         | 2   | 41" Brake Line Assembly                   | 1215        |



**NOTES**

A series of horizontal lines for writing notes.

**MAINTENANCE RECORD**

MODEL NO. \_\_\_\_\_

SERIAL NO. \_\_\_\_\_

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Manufactured by:

**Meyer Manufacturing Corporation**

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