PB-MIXER-TR-HYD

FORMULA MIXER

Models F700 • F815 • F1015 • F1215

Hydrostatic Truck Mount Owner / Operator's Manual & Parts Book

2015 Model Year & Later

MEYER MFG. CORP.

PRODUCT MANUALS

11 / 2020

1.0 IMPORTANT INFORMATION

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

Mixer Body
Serial Number

Model No. _____

Mixer 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

MIXER

EXAMPLE: 15VM0815201

Model Year / Vertical Mixer / Model / Sequence Of Build

15 VM 0815 201

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

2.0 PRE-DELIVERY & DELIVERY CHECK LIST

Meyer Manufacturing Corporation

Phone: 715-654-5132 • Toll-Free: 1-800-325-9103 • P.O. Box 405 • Dorchester, WI 54425

This Pre-Delivery & Delivery Check List must be gone through by the Selling Party and the Customer to validate the Owner's Registration Form.

PRE-DELIVERY CHECK LIST

After the New Meyer Mixer has been completely set-up, check to be certain it is in correct running order before delivering it to the customer.

The following is a list of points to inspect:

Check off each item as you have made the proper adjustments and found the item operating satisfactorily. Any adjustments made, MUST be according to specifications defined in this manual.

- ☐ All shields and guards are in place and securely fastened.
- ☐ All PTO shields turn freely.
- ☐ All bolts and other fasteners are secure and tight.
- ☐ All mechanisms operate trouble free.
- ☐ All grease fittings have been lubricated, gear boxes filled to proper levels, and all roller chains are oiled. See "Lubrication" section of this manual.
- ☐ All decals are in place and legible.
- ☐ All stop/tail/turn lights work properly.

DELIVERY CHECK LIST

The following check list is an important reminder of valuable information that MUST be passed on to the customer at the time the unit is delivered.

Check off each item as you explain it to the customer.

- ☐ Explain to the customer that pre-delivery check list was fully completed.
- ☐ Give customer the Owner & Operator's Manual. Instruct to read and completely understand its contents BEFORE attempting to operate the mixer.
- ☐ Explain and review with customer the New Meyer mixer manufacturer's warranty.
- ☐ Show the customer where to find the serial number on the implement.
- ☐ Explain and review with the customer "Safety Precautions" section of this manual.
- ☐ Explain and review with customer the proper "Start-up and Operating Procedures" sections of this manual.
- ☐ Explain and review with customer the recommended loading and unloading procedures.
- ☐ Demonstrate the start-up and shutdown controls.
- ☐ Explain that regular lubrication and proper adjustments are required for continued proper operation and long life of the mixer. Review with the customer the "Lubrication" and "Adjustments" sections of this manual.
- ☐ Fully complete this "PRE-DELIVERY & DELIVERY CHECK LIST" with the customer.

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3.0 INTRODUCTION

Congratulations on your purchase of a new Meyer farm equipment product. Undoubtedly you have given much consideration to your purchase and we're proud that you have selected Meyer. Pride in craftsmanship, engineering and customer service have made Meyer products the finest in the farm equipment industry today.

There is no substitute for quality. That is why thousands of people like you have purchased Meyer farm equipment. They felt it was the best equipment to serve their farming needs, now and in years to come. We ask that you follow our policy of "safety first", and we strongly suggest that you read through the Operator's & Parts manual before operating your Meyer farm equipment. Meyer Manufacturing Corporation wants to thank you for not compromising quality. We are determined to offer excellence in customer service as well as provide you with the very best value for your dollar.

Sincerely,

All Employees of
MEYER MANUFACTURING CORPORATION

When the PTO is referred to, it means power takeoff from the truck.

This manual is to be used in conjunction with your truck/chassis manual.

The formula mixer may be referred to as mixer, implement, equipment or machine in this manual.

IMPORTANT: You are urged to study this manual and follow the instructions carefully. Your efforts will be repaid in better operation and service as well as a savings in time and repair expense. Failure to read this manual and understand the machine could lead to serious injury. If you do not understand instructions in this manual, contact either your dealer or Meyer Manufacturing Corp. at Dorchester, WI 54425.

WARRANTY: At the front of this manual is the Owner's Registration Form. Be sure your dealer has completed this form and promptly forwarded a copy to Meyer Manufacturing to validate the manufacturer's warranty. The product model and serial number are recorded on this form and on the inside of the front cover for proper identification of your Meyer equipment by your dealer and the manufacturer when ordering repair parts. The serial number is stamped in the front left-hand side of the mixing tub.

Manufacturer's Statement: Meyer Manufacturing Corporation reserves the right to make improvements in design, or changes in specifications at any time, without incurring any obligation to owners of units previously sold. This supersedes all previous published instructions.

FEATURES

DESCRIPTION	F585	F700	F815	F1015	F1215
Twin Mixing Augers	STD	STD	STD	STD	STD
Replaceable Scrapers	STD	STD	STD	STD	STD
Hardened Knives	STD	STD	STD	STD	STD
Hay Stops	STD	STD	STD	STD	STD
Ladder	STD	STD	STD	STD	STD
Heavy -Duty Gearboxes	STD	STD	STD	STD	STD

OPTIONS

DESCRIPTION	F585	F700	F815	F1015	F1215
Side Discharge Door Right/Left	OPT	OPT	OPT	OPT	OPT
Front Discharge Door	OPT	OPT	OPT	OPT	OPT
Rear Discharge Door	OPT	OPT	OPT	OPT	OPT
Front Cross Conveyor	OPT	OPT	OPT	OPT	OPT
Side Door Conveyor	OPT	OPT	OPT	OPT	OPT
Viewing Platform	OPT	OPT	OPT	OPT	OPT
Slide Tray	OPT	OPT	OPT	OPT	OPT
Magnets	OPT	OPT	OPT	OPT	OPT
Hay-Retention Ring	OPT	OPT	OPT	OPT	OPT
Capacity Belt Extension	OPT	OPT	OPT	OPT	OPT
Hardened Knives (Additional)	OPT	OPT	OPT	OPT	OPT
Tank Liner	OPT	OPT	OPT	OPT	OPT
Baffle Liner	OPT	OPT	OPT	OPT	OPT

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4.0 MANUFACTURER'S WARRANTY

4/2014

MEYER FORMULA MIXER

I. The "Owner's 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 manuals, 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 # 119-18-13.92-1.

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, etc.


MEYER
FORMULA

5.0 SAFETY

Meyer Mfg. Corp. equipment is manufactured with operator safety in mind. Located on the equipment are various safety signs to aid in operation and warn of hazardous areas. Pay close attention to all safety signs on the equipment.

Carefully follow the operating and maintenance instructions in this manual and all applicable safety laws. Failure to follow all safety procedures may result in serious injury or death.

Before attempting to operate this equipment, read and study the following safety information. In addition, make sure that every individual who operates or works with the equipment, whether family member or employee, is familiar with these safety precautions.

Meyer Mfg. Corp. provides guards for exposed moving parts for the operator's protection; however, some areas cannot be guarded or shielded in order to assure proper operation. The operator's manual and safety signs on the equipment itself warn you of hazards and must be read and observed closely!

⚠ Safety Alert Symbol

This symbol is used to call attention to instructions concerning personal safety. Be sure to observe and follow these instructions. Take time to be careful!

⚠ DANGER

The signal word DANGER on the machine and in the manual identifies a hazardous situation which, if not avoided, WILL result in death or serious injury.

⚠ WARNING

The signal word WARNING on the machine and in the manual indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.

⚠ CAUTION

The signal word CAUTION on the machine and in the manual indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury. It may also be used to alert against unsafe practices.

IMPORTANT

This notice identifies procedures which must be followed to avoid damage to the machine.

Danger, Warning, Caution, and instructional decals and plates are placed on the equipment to protect anyone working on or around this equipment, as well as the components of the equipment. All personnel operating or maintaining this equipment must familiarize themselves with all Danger, Warning, Caution, and instructional decals and plates.

5.1 SAFETY PRECAUTIONS

CAUTION

All individuals who will operate this equipment must read and completely understand this Operator's And Parts Manual. Operator must have instructions before operating the machine. Untrained operators can cause injury or death.

- The truck/chassis owner's operator's manual should be used in conjunction with this manual.
- DO NOT allow anyone to operate, service, inspect or otherwise handle this equipment until all operators have read and understood all of the instructional materials in this Operator's And Parts Manual and have been properly trained in its intended usage.
- For an operator to be qualified, he or she must not use drugs or alcohol which impair alertness or coordination while working. An operator who is taking prescription drugs must get medical advice to determine if he or she can safely operate a machine and the equipment.
- Make sure all personnel can READ and UNDERSTAND all safety signs.
- DO NOT allow minors (children) or inexperienced persons to operate this equipment.
- DO NOT operate until all shields and guards are in place and securely fastened.
- DO NOT step up on any part of the equipment that is not designated as a ladder or viewing platform at any time.
- DO NOT adjust, clean or lubricate while the equipment is in motion.
- Inspect when first delivered and regularly thereafter; that all connections and bolts are tight and secure before operating.
- Know how to stop operation of the equipment before starting it!
- Make certain everyone is clear of the equipment before applying power.
- Keep hands, feet and clothing away from moving parts. Loose or floppy clothing should not be worn by the operator.
- Observe all applicable traffic laws when transporting on public roadways (where legal to do so). Check local laws for all highway lighting and marking requirements.
- Shut off and lock out power before adjusting, servicing, maintaining or clearing an obstruction from this machine. (See 5.3 SHUTOFF & LOCKOUT POWER on page 20.)
- Always enter curves or drive up or down hills at a low speed and at a gradual steering angle.
- Never allow riders on either truck or equipment.
- Down shift truck when traveling down steep grades.
- Stay away from overhead power lines. Electrocution can occur without direct contact.
- Use only properly rated undercarriage and tires.

Safety Precautions For Truck Mounted Units:

- Comply with state and local laws governing highway safety and movement of machinery on roadways.

Safety Precautions For Hydraulic System:

- Check hydraulic tubes, hoses and fittings for damage and leakage. Never use hands to check for leaks. Hydraulic tubes and hoses must be properly routed and have adequate support and secure clamps. Tighten or replace any parts that show leakage.
- Always clean fluid spills. Do not use gasoline or diesel fuel for cleaning parts. Use commercial nonflammable solvents.

5.2 SAFETY SIGNS

CAUTION

Read all safety signs on the equipment and in this manual. Keep all safety signs clean and replace any damaged or missing safety signs before operating the equipment. Do Not remove any safety signs. Safety signs are for operator protection and information.

FRONT OF MIXER

1

PART NO. 46-0001-213

2

PART NO. 46-0001-210

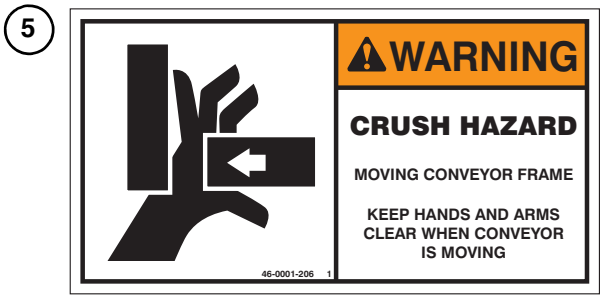
3

PART NO. 46-0001-209

4

PART NO. 46-8500-7

5

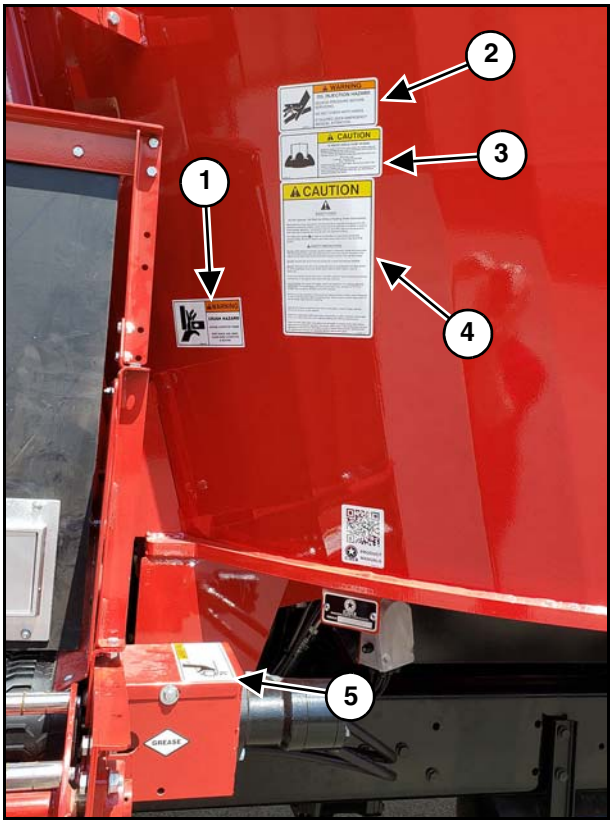


PART NO. 46-0001-206

6

PART NO. 46-0001-4

FRONT OF MIXER



4

PART NO. 46-0001-22

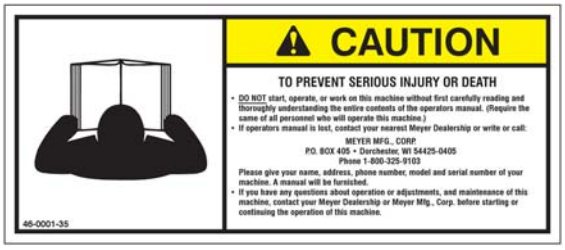
1

PART NO. 46-0001-206

2

PART NO. 46-8500-7

3



PART NO. 46-0001-35

5

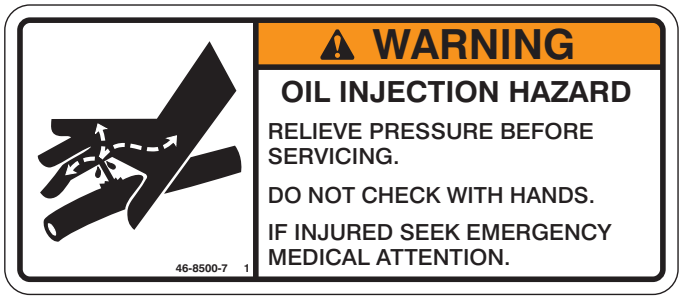
PART NO. 46-0001-4

REAR OF MIXER

1

PART NO. 46-0001-210

2



PART NO. 46-8500-7

3

PART NO. 46-0001-213

4

PART NO. 46-0001-208

UNDER MIXER

1

PART NO. 46-0001-211
(Located under mixing tub)

PART NO. 46-0001-212
(Located under mixer belting)

5.3 SHUTOFF & LOCKOUT POWER

CAUTION

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, are affected. The following procedure will be referred to throughout this manual, so be familiar with the following steps.

5.3.1 Shutoff & Lockout Power Recommendations

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 -** Let 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.

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 MANUAL WILL REMIND YOU WHEN TO SHUTOFF & LOCKOUT POWER.

6.0 PRE-OPERATION

⚠ CAUTION

DO NOT allow anyone to operate, service, inspect or otherwise handle this equipment until all operators have read and understand all of the instructional materials in this Operator's And Parts Manual and have been properly trained in its intended usage.

Verify that the equipment is securely fastened to the truck.

Verify that all electrical / hydraulic connections and bolts / hardware are tight and securely fastened before operating the equipment.

Always keep all shields and guards in place and securely fastened.

Keep hands, feet and clothing away.

Wear safety glasses to prevent eye injury when any of the following conditions exist:

- **When fluids are under pressure.**
- **Flying debris or loose material is present.**
- **Tools are being used.**

6.1 STATIC INSPECTION

⚠ WARNING

Hydraulic fluid escaping under pressure can have sufficient force to cause injury. Keep all hoses and connections in good serviceable condition. Failure to heed could result in serious personal injury or death.

Keep all electrical cords and cables in good serviceable condition. Failure to heed could result in serious personal injury or death.

IMPORTANT

Check that all gear cases and oil bath enclosures contain oil and that bearings and joints have been greased. (See maintenance section).

Before operating the mixer for the first time and each time thereafter, check the following items:

1. Check that all safety signs are in good and legible condition.
2. Inspect the mixer for proper adjustments. (See 8.2 ADJUSTMENTS)
3. Check that all lubrication has been completed. (See 8.1 LUBRICATION)
4. Make sure that all guards and shields are in place, secured and functioning as designed.
5. Check condition of the pump driveline. If play in the bearings is found, have qualified personnel replace cross bearings immediately.
6. Check condition of all hydraulic components for leaks and electrical cords and cables for wear. Repair or replace as required.
7. Check the hydraulic reservoir and gear box for proper oil level. (See 8.1 LUBRICATION)
8. Check for and remove any foreign objects in the mixing chamber and discharge opening.
9. Be sure that there are no tools laying on or in the mixer.
10. Verify that all electrical and hydraulic connections are tight and secure before operating.

11. Check that all hardware is in place and is tight.
12. Watch for any worn or cracked welds. If found, have qualified personnel repair immediately or replacement is necessary.
13. Check all bearings. Replace as needed.
14. Inspect any wear items. i.e.: Knives, scrapers, kicker wear plate. Replace as required.

6.2 TRUCK MOUNT SPECIFICATIONS

See the truck mount specifications on the www.meyermfg.com website. Call 1-800-325-9103 with any questions.

6.3 PTO DRIVELINE

CAUTION

Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.

DANGER

Do not operate without PTO guard on implement.Failure to heed may result in serious personal injury or death.

Maintain PTO drive shaft guard tubes in good operating condition. Replace them if damaged and not turning freely.

6.4 START-UP AND SHUT-DOWN

CAUTION

Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.

DO NOT allow anyone to operate, service, inspect or otherwise handle this equipment until all operators have read and understand all of the instructional materials in this Operator's And Parts Manual and have been properly trained in its intended usage.

Before operating the equipment, look in all directions and make sure no bystanders, especially small children are in the work area.

WARNING

Always keep all shields and guards in place and securely fastened.

Keep hands, feet and clothing away.

6.4.1 Start-Up

Be sure there is no one inside the mixer and that the mixer is empty.

Enter the truck and start the engine.

NOTE: Make sure no warnings are present on your monitor before operating mixer. If cold hydraulic oil warning is indicated, allow mixer time to warm up before operating.

Set the parking brake.

Check to see that the discharge door is closed.

Bring engine up to 1800 RPM and set the cruise.

Set the auger speed knob to desired speed between 5 to 10.

6.4.2 Shut-Down

Turn off the mixing augers.

Turn off conveyor, if equipped.

Fully lower all doors.

Raise slide trays or conveyors, if equipped.

Park the mixer on a flat, level surface.

Engage the parking brake, stop the engine and exit the truck.

Check drive components to be sure components are not abnormally hot.

6.5 OPERATIONAL CHECKS

⚠ CAUTION

Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.

DO NOT allow anyone to operate, service, inspect or otherwise handle this mixer until all operators have read and understand all of the instructional materials in this Operator's And Parts Manual and have been properly trained in its intended usage.

Before operating the mixer, look in all directions and make sure no bystanders, especially small children are in the work area.

⚠ WARNING

Always keep all shields and guards in place and securely fastened. Keep hands, feet and clothing away.

Hydraulic fluid escaping under pressure can have sufficient force to cause injury. Keep all hoses and connections in good serviceable condition. Failure to heed could result in serious personal injury or death.

Before running material through the mixer for the first time and each time thereafter, follow the steps listed below.

1. Follow the Start-Up procedure section 6.4.1.
2. Raise and lower the door several times.
3. Lower and raise mixer slide trays or conveyors, if equipped.
4. Operate the mixer augers for approximately 5-10 minutes.
5. Follow the Shut-Down procedure section 6.4.2.
6. Check drive components to be sure components are not abnormally hot.
7. Check all hydraulic components for leaks.
8. Adjust and lubricate equipment as needed. (See 8.1 LUBRICATION) & (See 8.2 ADJUSTMENTS).

6.5.1 Controls

The controls for the mixer are located in the cab of the truck next to the driver seat. The joystick controls the front door, chute (optional), and conveyor (optional). Push the joystick forward (Item 1) to close the front door. Pull the joystick back (Item 2) to raise the front door. Move the joystick to the left (Item 3) to lower the chute or slide the front conveyor to the left (If equipped). Move the joystick to the right (Item 4) to raise the chute or slide the front conveyor to the right (If equipped). The button on the joystick (Item 5) will turn the conveyor on and off. The mixer speed knob (Item 11) controls the auger speed. Toggling the rear door momentary switch forward (Item 6) to lower the rear door. Toggling the rear door momentary switch back (Item 7) to raise the rear door. The light switch selected back (Item 9) will turn the lights on and selected forward (Item 8) will turn the lights off. Select the momentary clean out switch (Item 10) to turn the clean out function on for approximately 60 seconds. (When system is Ready.)

NOTE: Do not attempt to operate any mixer functions with low hydraulic oil pressure.

NOTE: The mixer auger speed knob must be turned to 10 before the clean out function will work.

6.5.2 Controls Monitor

1. Indicates selected mixer auger speed and actual auger RPM.
2. Hydraulic oil temp in °F.
3. Turns on the rear facing camera when selected.
4. Hydraulic oil pressure in psi.
5. Settings (For more information see section 6.5.2.1 Conveyor Speed Change).
6. Indicates the number of hours on the mixer.
7. Indicates high speed auger clean out status:

   Stopped indicated: Clean out mode is not able to be activated.

   Ready indicated: Clean out mode can be activated at any time.

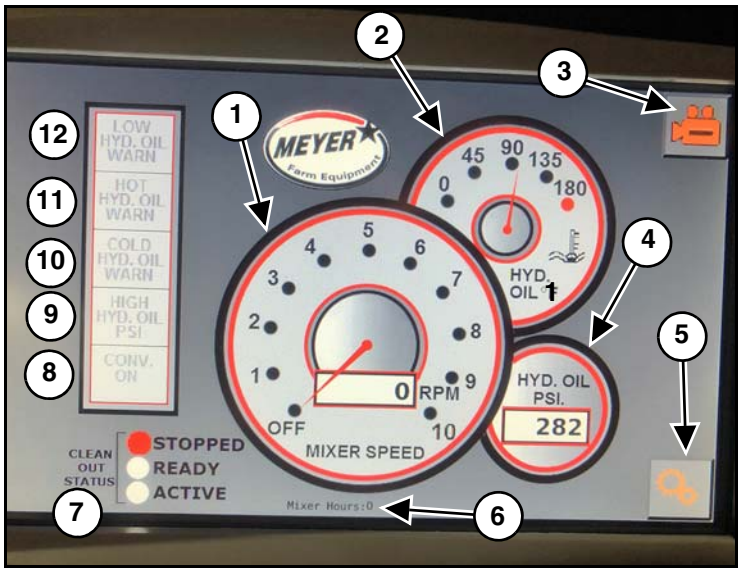
   Active indicated: Clean out mode is currently in operation.

NOTE: The clean out function will run for approximately 60 seconds before automatically turning off.

8. When illuminated, discharge conveyor is in operation.
9. When illuminated, warns of excessive hydraulic oil pressure.
10. When illuminated, warns that the system is below 50°F and not ready to operate. Wait for oil to warm to operating temperature.
11. When illuminated, warns system is above 176°F and overheating.
12. When illuminated, warns of low hydraulic oil in reservoir.

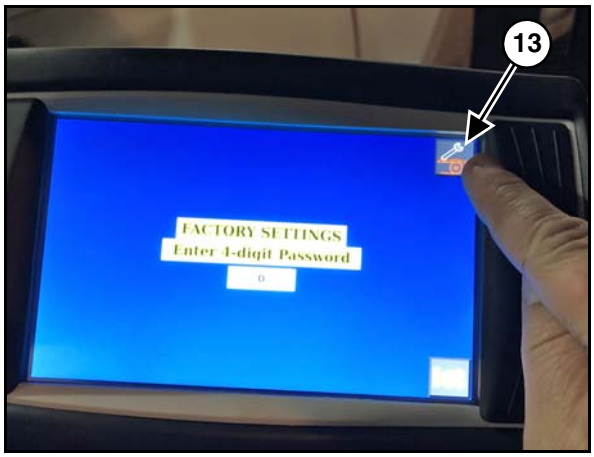
6.5.2.1 Conveyor Speed Change

1. Select settings button (Item 5).



2. Select upper right button (Item 13).

NOTE: Conveyor may be operated while in the Conveyor Adjustments screen.



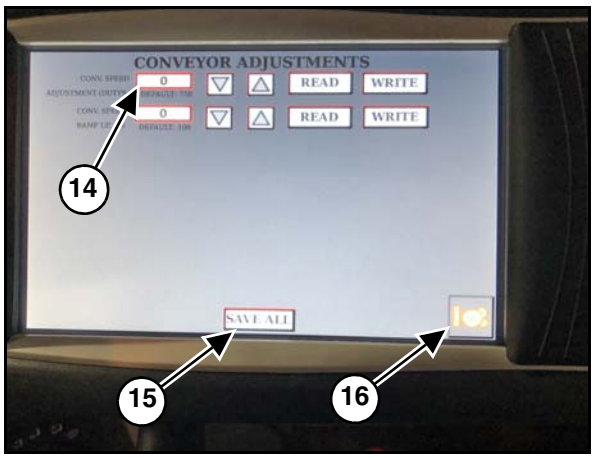
3. Select Read to view current conveyor speed or ramp up time.

4. Select up or down arrows to adjust speed or time.

5. Enter desired conveyor speed (Item 14).

6. Once you have the desired conveyor speed and/or ramp up speed select the write button select the save all button (Item 15).

7. To exit to the main screen select the lower right button (Item 16).



6.6 TRANSPORTING

CAUTION

AVOID SERIOUS INJURY OR DEATH

- **Read and understand owner's manual before using. Review safety precautions annually.**
- **Before operating the mixer, look in all directions and make sure no bystanders, especially small children are in the work area.**
- **No riders allowed when transporting.**
- **Do not drink and drive.**
- **Before moving, be sure required lights and reflectors are installed and working.**
- **Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.**
- **Place safety stands under frame and chock wheels before working on tires or chassis.**
- **Maintain wheel bolts at torque as recommended in the manual.**
- **If equipped with brakes, maintain proper adjustment.**

WARNING

To Prevent Serious Injury Or Death

- **Shift to lower gear before going down steep grades.**
- **Avoid traveling on slopes or hills that are unsafe.**
- **Keep vehicle in gear at all times.**
- **Never exceed a safe travel speed (which may be less than 20 MPH.).**
- **Check that the braking and lighting systems are in good condition. Be sure that the truck has adequate brakes to stop the loaded mixer.**

IMPORTANT

If you will travel on public roads and it is legal to do so, you must know all rules governing such operation. This will include lighting and brake requirements in addition to traffic rules.

NOTE: For Truck Mounted models, an Optional Highway Lighting Package is available to assist in meeting these requirements. See your Meyer Dealer for Details.

6.6.1 Brake Information

Check that the braking and lighting systems are in good working condition.

See your truck/chassis manual for brake and braking Information.

6.7 OPTIONAL EQUIPMENT

6.7.1 Digital Scale Indicator

Refer to scale indicator (Item 1) manufacturer's operator manual for operation and maintenance.

NOTE: Some scale drift may occur after the scale is turned on but should level out within 10 to 15 minutes. Temperature changes may also cause some drifting.

See your Digi-Star manual for additional scale information.

7.0 OPERATION

CAUTION

DO NOT allow anyone to operate, service, inspect or otherwise handle this mixer until all operators have read and understand all of the instructional materials in this Operator's And Parts Manual and have been properly trained in its intended usage.

Before operating the mixer, look in all directions and make sure no bystanders, especially small children are in the work area.

Do not climb or step onto the platform or ladder before the parking brake has been applied.

Turn on level ground. Slow down when turning.

Go up and down slopes, not across them.

Keep the heavy end of the machine uphill.

Do not overload the machine.

Check for adequate traction.

7.1 GENERAL

The mixer is designed for blending dairy and beef rations. The mixer performance can vary according to the difference in material, loading sequence, mixing speed and unloading methods. The following guidelines should be understood before operating the mixer.

A new mixer will need an initial run-in period to polish the augers and mixer sides to achieve correct material movement inside the mixer. Until the unit is polished inside the user may experience material spillage, dead spots, or increased horsepower requirements. The load size may need to be reduced until the unit is polished inside.

IMPORTANT

Always operate at the rated PTO speed but DO NOT EXCEED THE RATED PTO SPEED. If the mixer is operated faster than the rated PTO speed the strain on the drive train and mixer is greatly increased.

IMPORTANT

Do not force hay into the auger with loader or any other device.

IMPORTANT

Be aware of the overall size of the mixer to allow clearance through doorways.

IMPORTANT

If any component fails, shut off all power to the mixer and move the mixer to a safe work area. Repair or replace damaged components before proceeding with unloading of the mix.

7.1.1 Material

⚠ WARNING

Never hand feed material into mixer while it is running. Augers may cut or grab hands, clothing, or material being loaded, causing severe injury. Always stop the engine before hand loading materials.

Some feed materials will need to be processed alone in the mixer before they can be efficiently mixed with other feed materials.

- Large square or round bales of alfalfa
- Large square or round bales of high moisture content
- Large square or round bales of long mixed grasses, wheat or oat hay and crop residue bales (straw or soybean stubble)
- Very light and bulky feed material

NOTE: Always remove any twine, net, or plastic wrap from bales before loading into mixer.

NOTE: It is highly recommended that after loading the mixer, the process continues until the material is fully unloaded.

7.2 LOADING

⚠ DANGER

DO NOT ENTER MIXER CHAMBER WHILE MIXER IS RUNNING! Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.

⚠ WARNING

Be aware of power lines and other overhead obstructions when loading with a telescopic arm or loader. Failure to obey warnings could cause serious injury or death.

⚠ CAUTION

Comply with the safety instructions stipulated in the User Manuals for the operation / handling equipment used for loading the mixer.

Do not climb or step onto the platform or ladder before the parking brake has been applied.

IMPORTANT

Overloading may cause failure of axles, tires, structural members, hitches, loss of vehicle control. DO NOT exceed maximum gross weight. (See your truck/chassis manual for details.)

NOTE: Overloading can have detrimental effects on the integrity of the implement and it's safe use. Overloading will void warranty and increase risk to the operator's safety. Always be aware of your gross weight.

MAXIMUM FORMULA MIXER GROSS WEIGHT	
MODEL	LBS
F585	60,000
F700	60,000
F815	80,000
F1015	80,000
F1215	80,000

MATERIAL ESTIMATED WEIGHT PER CUBIC FOOT	
MATERIAL	LBS / CU.FT.
Soybeans	47 lbs.
Cotton Seed (Dry)	20 lbs.
Corn (Shelled)	45 lbs.
Corn Silage	30 lbs.
Haylage	20 lbs.

When loading material into the mixer with an end-loader, dump the material into the center of the mixer.

1. Set hay stops according to the instructions in this manual.
2. Follow start up procedure. Refer to 6.4.1 Start-Up.
3. Load baled hay into the center of the mixer.
4. Allow mixer enough time to process the bale before adding other ingredients (4-10 minutes).

NOTE: Processing of long stem forages will continue as other materials are added and mixed. Be careful not to over process these materials before adding other ingredients.

⚠ CAUTION

When loading from a raised bay or platform, adopt the necessary measures (safety rails, etc.) to avoid people or equipment from falling into the machine.

7.2.1 Loading Steps

NOTE: The loading sequence could vary.

The following is an example of a typical loading sequence:

1. Load and process long stemmed materials.
2. Load haylage and corn silage.
3. Load minerals, proteins, and other small quantity ingredients.
4. Load grains, wet and dry commodities, etc.
5. Load all liquid fats, water, other liquids. Always load liquids at the center of the mixing chamber.

IMPORTANT

Load all ingredients as quickly as possible. Allow a final mix time of 3-7 minutes, or whenever the load looks consistently mixed.

IMPORTANT

Never load long stem bales last. They will not be processed or mixed into the ration and may cause unloading difficulties or spillage.

7.3 MIXING

Normal mixing speed is between 5 to 10. Time available to mix, thoroughness of the mix, and ingredients are all factors that must be considered when deciding on when and how fast to operate the mixer.

DO NOT ENTER MIXER CHAMBER WHILE MIXER IS RUNNING! Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.

Always operate at the rated PTO speed but DO NOT EXCEED THE RATED PTO SPEED. If the mixer is operated faster than the rated PTO speed the strain on the drive train and mixer is greatly increased.

Do not force hay into the auger with loader or any other device.

7.4 UNLOADING

DO NOT ENTER MIXER CHAMBER WHILE MIXER IS RUNNING! Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.

NOTE: Unload the mixed ration within a short time of mixing. A fully loaded mixer which is bounced over rough terrain or allowed to settle will require more horsepower during start-up.

1. Move the mixer to the unloading area.
2. Lower slide tray or turn on conveyor (if equipped).
3. Set the truck engine to operate at 1800 RPM. Set the auger speed adjustment knob to desired speed.
4. Open discharge door slowly to adjust the amount of material to be discharged. Door height or conveyor speed can be adjusted for desired flow of feed.
5. After the load begins to discharge, increase the auger speed adjustment knob to 10 keeping an even feed flow until the mixer is empty while driving forward along the discharge path.

NOTE: The mixer speed adjustment knob must be turned all the way up to 10 before the clean out mode can be activated.

6. The clean out button can be selected during the unloading process. This will help remove any feed remaining on the augers to ensure fast and thorough clean out.

NOTE: Do not operate above the rated 1800 RPM engine speed.

7. When finished unloading, follow shut down procedure 6.4.2 Shut-Down.

7.5 MIXER TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE SOLUTIONS
Forage is cut too short	• Reduce the initial processing time. • Adjust hay stops to a less aggressive or neutral position. (See Section 8.2.5) • Reduce total loading time. • Reduce the auger speed to limit aggressiveness in processing. • Modify the knife type, quantity, setting or placement. (See Section 8.2.4)
Spillage is Occurring	• Reduce load size. • Reduce auger speed. • Make sure machine is level. • The load size may need to be reduced until the unit is polished inside. • Adjust hay stops to a less aggressive or neutral position. (See Section 8.2.5) • Adjust knives to a less aggressive position. (See Section 8.2.4) • If spillage still occurs, the optional side extensions or hay retention ring may need to be installed.
Requiring High Horsepower	• Reduce load size. • Adjust hay stops to a less aggressive or neutral position. (See Section 8.2.5) • The load size may need to be reduced until the unit is polished inside. • Modify the knife type, quantity, setting, or placement. (See Section 8.2.4)
Dead Spots	• The load size may need to be reduced until the unit is polished inside. • The auger scraper may need to be adjusted. (See Section 8.2.1)
Digital Scale Indicator	• Refer to scale manufacturer's operator manual for operation and maintenance. • See Section 6.7.1
Low or No Charge Pressure	• Verify oil level in reservoir is at least 1/2 to 3/4 up the sight glass. • Un-connected or failed pressure sensor. • Pump Driveshaft failure. • Charge pressure filter plugged. • Hydrostatic pump damaged internally.
System Never Comes Up to Temperature	• Verify oil temperature between sight glass and display. Sight glass could be 20-40 degrees LOWER than display. NOTE: Sight glass can be used to read average temperature. An infrared temperature gun works best to verify temperature at sensor location. • Hydraulic oil temperature needs to be below 50°F for the heater circuit to work.
System Appears to be Overheating With Fan Running at Full Speed	• Clean heat exchanger with pressure washer. • Heater circuit malfunction.
Noisy Auxiliary Pump (Cavitation)	• Verify all connections in suction line are tight. • Internal damage to pump.


MEYER
FORMULA

8.0 MAINTENANCE

8.1 LUBRICATION

CAUTION

Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.

IMPORTANT

Fluid such as hydraulic fluid, grease, etc. must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local, state and federal regulations for the correct disposal.

Failure to grease the pump driveline will reduce the life of the cross bearings.

NOTE: When welding do not allow electrical current to flow through bearings, roller chains, or scale weigh bars. Ground the welder directly to the part being welded. Always disconnect the power cord from scale indicator and monitor before welding.

NOTE: Use a grease type that is composed of a high quality lithium complex or better, unless otherwise stated. We recommend using a #1 grade in colder temperatures or a #2 grade in warmer temperatures.

NOTE: Over lubrication is a major cause of bearing failures. Please relubricate conservatively when unsure of bearing requirements.

8.1.1 Daily or every 8-10 loads:

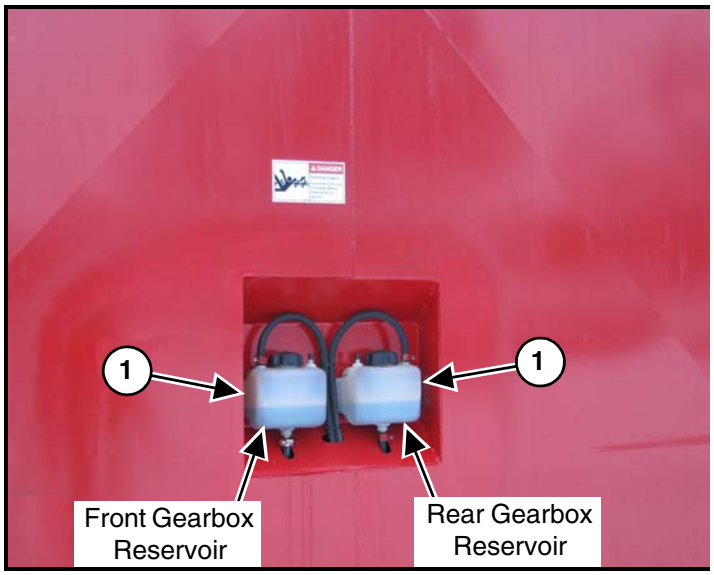
NOTE: See Specifications, Page 40 for proper oil type and capacities.

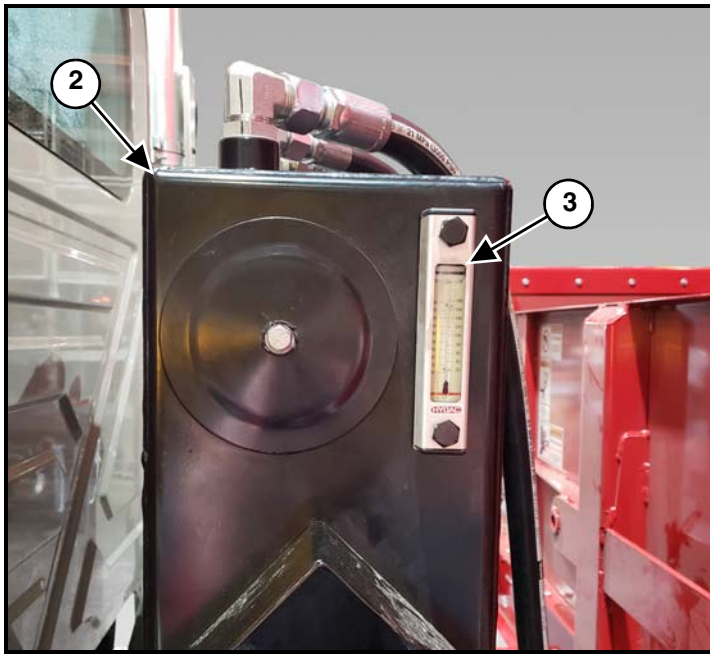
Check the planetary gearbox oil levels daily to prevent abnormal component wear. Add new oil to the reservoir tank (Item 1) if the oil level is not at the oil reservoir mark.

Check the right angle T-gearbox (if equipped) oil levels daily to prevent abnormal component wear. Add new oil to the reservoir tank if the oil level is not at the oil reservoir mark.

Check hydraulic reservoir tank oil levels daily. Add new oil to the hydraulic reservoir tank (Item 2) if the oil level is not at the black sight glass mark (Item 3).

If oil levels are low, refer to section 6.5 and check for leaks.

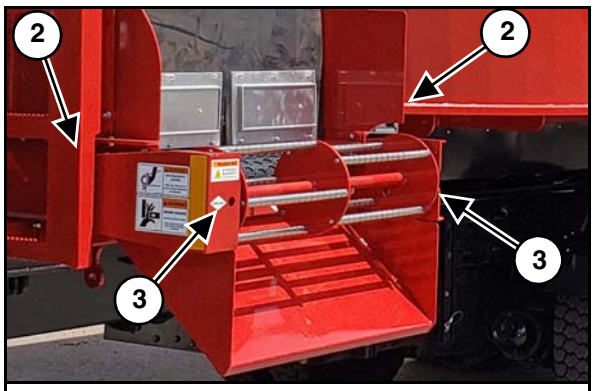




8.1.2 Monthly:

Grease the four (4) front cross conveyor bearings (Item 2). (Optional Equipment)

Grease the two (2) front conveyor rotary magnet bearings (Item 3). (Optional Equipment)

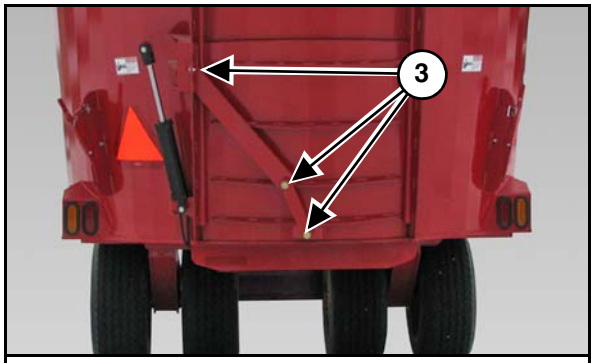


Front Cross Conveyor With Optional Rotary Magnet - Left Hand Side

Front Cross Conveyor - Right Hand Side

8.1.3 Every 40 hours:

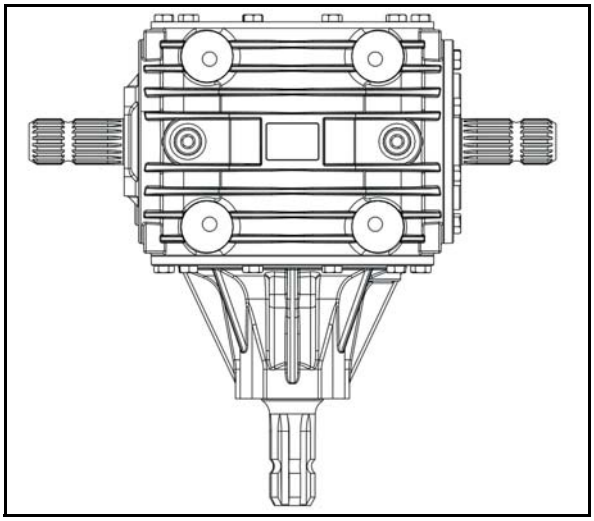
Oil Door Pivots (Item 3).

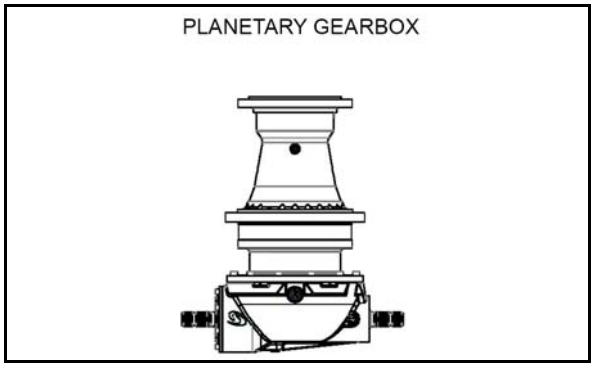


Rear Discharge Door

8.1.4 50 hours:

First oil change for planetaries and right angle T-gearbox (If equipped). (See pages 39 & 40).



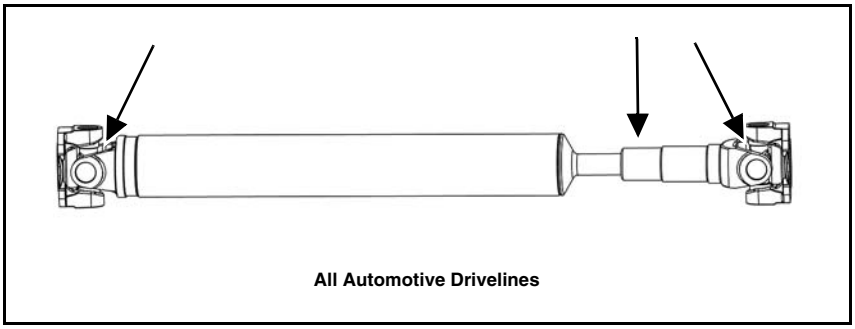


Grease all PTO driveline zerks.

Pump driveline:

FEPTO: Greased every 50 hours of engine run time.

REPTO: Greased every 50 hours of mixing time.

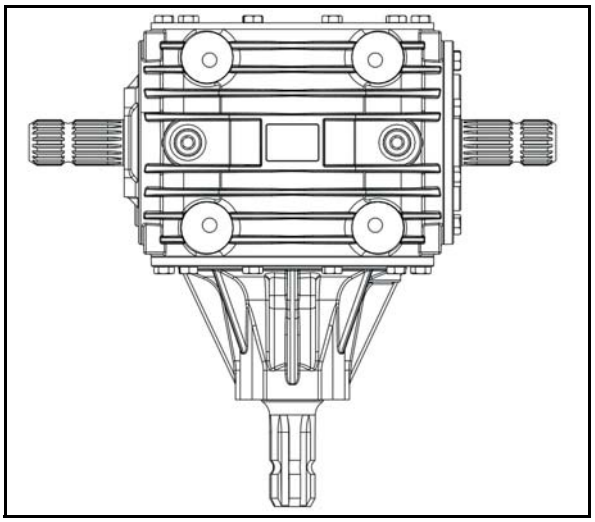


All Automotive Drivelines

8.1.5 Semiannually or Every 200 Hours (Whichever Is First):

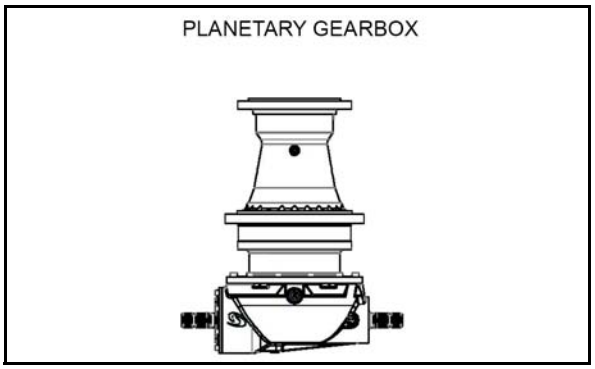
Change oil in the right angle T-gearbox.

Grease Weigh bar pods. SN 20VM(0585219, 0700211, 0815210, 1015214, 1215204) & Later.



8.1.6 Annually or Every 500 hours (Whichever Is First):

Check condition of the external seals and make sure there are no leaks on planetaries. Replace as needed.

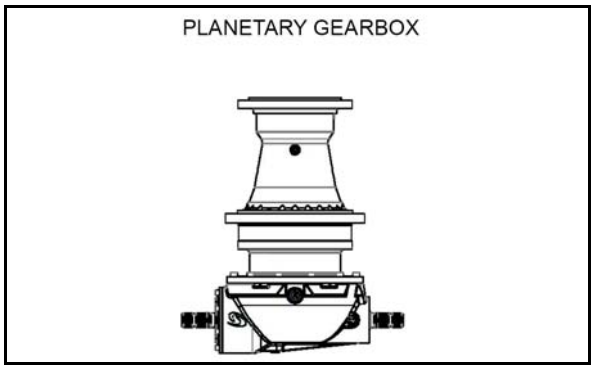


8.1.7 Annually or Every 1000 hours (Whichever Is First):

Change reservoir and hydraulic pump filters.

8.1.8 Annually or Every 2000 hours (Whichever Is First):

Change oil in the planetaries. (See page 40).



8.1.9 Every 5000 hours

Replace all planetary bearings.

Change external planetary O-rings.

Check the extent of wear on all planetary gears.

8.1.10 Gearbox Oil Change

CAUTION

Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.

IMPORTANT

Fluid such as hydraulic fluid, grease, etc. must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local, state and federal regulations for the correct disposal.

NOTE:

- In order to avoid sludge deposits, change the oil while the gear unit is still warm.
- For an effective oil change, the unit should be flushed with a liquid detergent recommended by the lubricant supplier.
- The mixer should be level when changing gearbox oil.

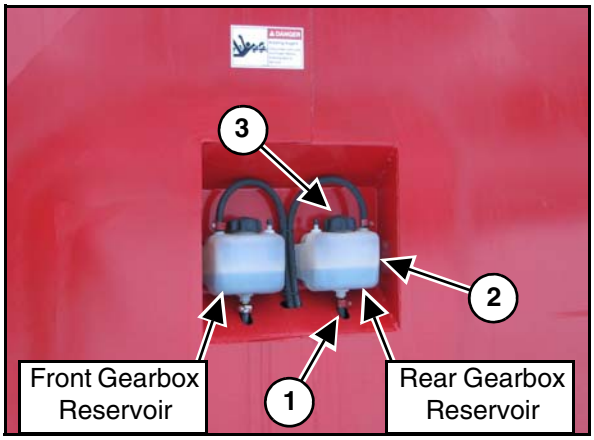
8.1.10.1 Planetary Gearbox

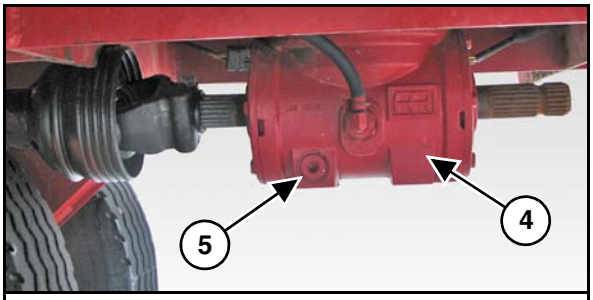
Draining

Place a container of sufficient capacity under the gearbox (Item 4).

Drain the planetary by removing the drain plug (Item 5).

Rinse the bottom hose with clean oil to remove any metal particles or trapped water. After the unit is completely drained, reinstall the drain plug.





Planetary

Filling

Filling with an oil pump:

(Call the factory to purchase an oil pump kit, Part #: VA-OP.)

Loosen the hose clamp and detach the lower hose (Item 1) on the reservoir (Item 2). Unbolt reservoir and lay so the top hose and reservoir is below the hose used for filling (Item 1).

Connect oil pump to lower hose and fill with oil until the catch basin fills with approximately 2 quarts of oil. Discard this oil if it is dirty. Reattach the lower hose (Item 1) with the hose clamp. Bolt the reservoir back in place. Fill the reservoir to the oil level mark and reinstall the cap (Item 3).

Inspect the reservoirs breather, make sure it is not plugged, and check for leaks.

PLANETARY LUBRICATION SPECIFICATIONS				
Model	**Part Number**	**Description**	**Oil Type**	**Capacity (Including Reservoir Tank)**
585 / 700	119-21-25.67-1	2100 Planetary 25.67:1	Synthetic ISO 220 Or Equivalent	Approx. 17.5 Quarts
815 / 1015	119-21-25.67-1	2100 Planetary 25.67:1	Synthetic ISO 220 Or Equivalent	Approx. 18.5 Quarts
1015C / 1215	119-32-42.3-1	3200 Planetary 42.3:1	Synthetic ISO 220 Or Equivalent	Approx. 27.5 Quarts
1015C / 1215	119-32-42.3-2	3200 Planetary 42.3:1	Synthetic ISO 220 Or Equivalent	Approx. 27.5 Quarts

8.1.10.2 Right Angle T-Gearbox (If Equipped)

Remove hose (Item 1) from gearbox.

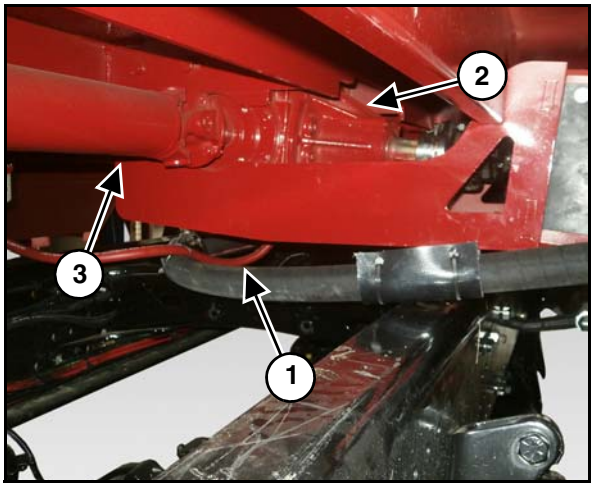
Remove the gearbox fill plug either located on the front to the gearbox (Item 2) or the rear of the gearbox (Item 3).

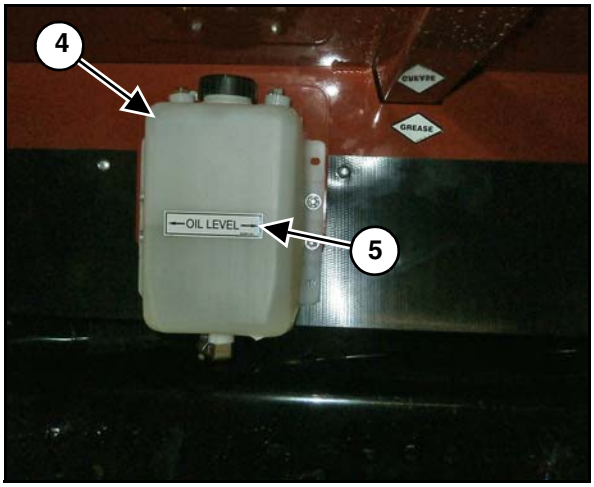
Flush the right angle T-gearbox reservoir (Item 4) and hose with new oil.

Reattach the hose (Item 1) to the gearbox.

Fill gearbox with new oil until oil starts to come out of fill hole. Install fill plug.

Fill right angle T-gearbox reservoir (Item 4) to the oil level mark (Item 5).





RIGHT ANGLE T-GEARBOX LUBRICATION SPECIFICATIONS				
Model	**Part Number**	**Description**	**Oil Type**	**Capacity (Including Reservoir Tank)**
585 - 1015	119-MB165-3.1-1	T-Gearbox 3.1:1	75W90 Synthetic	Approx. 7.5 Quarts

8.2 ADJUSTMENTS

CAUTION

Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.

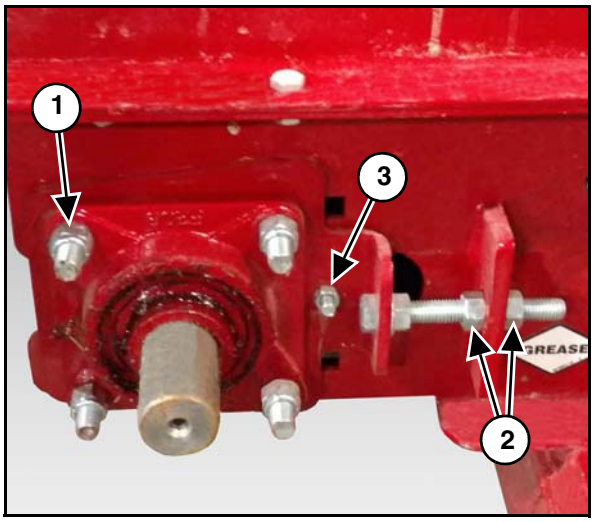
If work must be done inside the mixer put a protective cover over the auger knives to avoid injury. The hopper and flighting may be slippery. Use caution when stepping on or standing inside the mixer.

8.2.1 Tracking

NOTE: The primary discharge side for the single motor flat conveyor is the side the hydraulic motor is on.

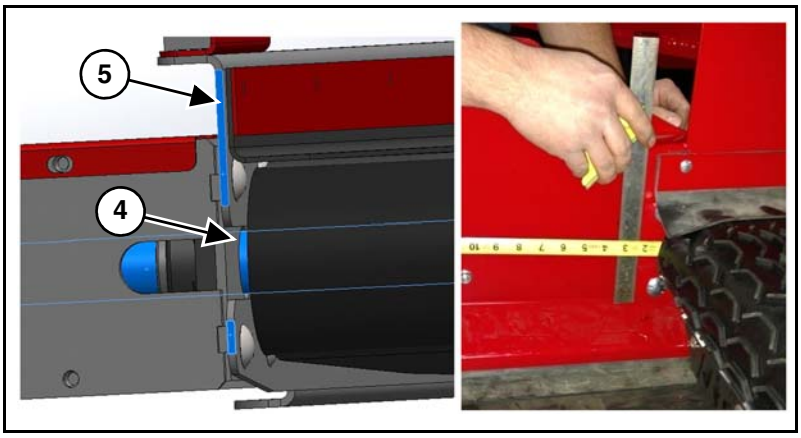
Step 1: Loosen the lock nuts (Item 1) holding the four bearings to the conveyor. Loosen the tightener nuts (Item 2) on all adjuster locations. **Do not loosen the scraper bolts (Item 3)**.

Step 2: Locate the primary discharge side of the conveyor.



Step 3: Set the primary side as follows:

Use the primary side adjusters to remove at least half of the belts slack. Measure, as shown below, until both sides of the drive pulley shaft (Item 4) are set at exactly the same from the end of the conveyor frame (Item 5).



Step 4: Once the primary drive pulley is set and square, tighten the lock nuts on both primary drive pulley bearings. Lock both adjusters on the primary drive pulley.

Step 5: With the primary discharge drive pulley set, move to the other side of the conveyor. Start to evenly tighten the belt by alternating sides on the non-primary discharge pulley adjusters. Once the belt is tight (**Do not over tighten belt**), measure the distance from the non-primary discharge shaft to the end of the conveyor frame, same as shown in Step 3. Do that for both shaft ends of the non-primary discharge pulley.

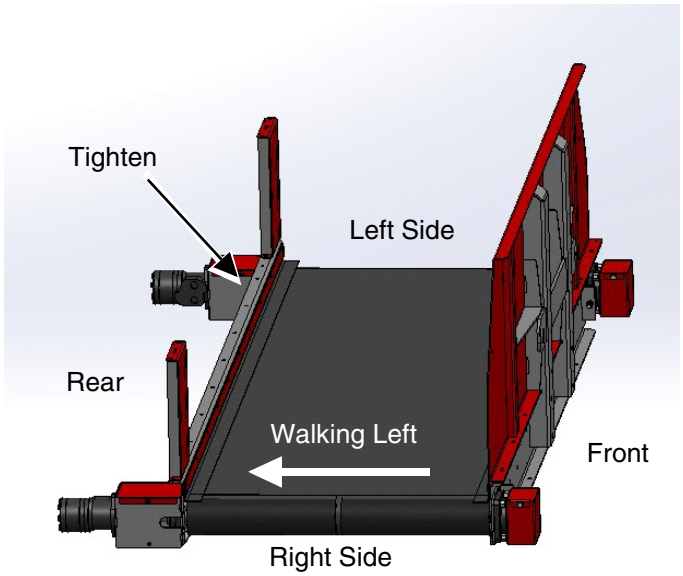
Step 6: Take the shortest measurement from either end and set both ends of the non-primary discharge pulley to the same measurement.

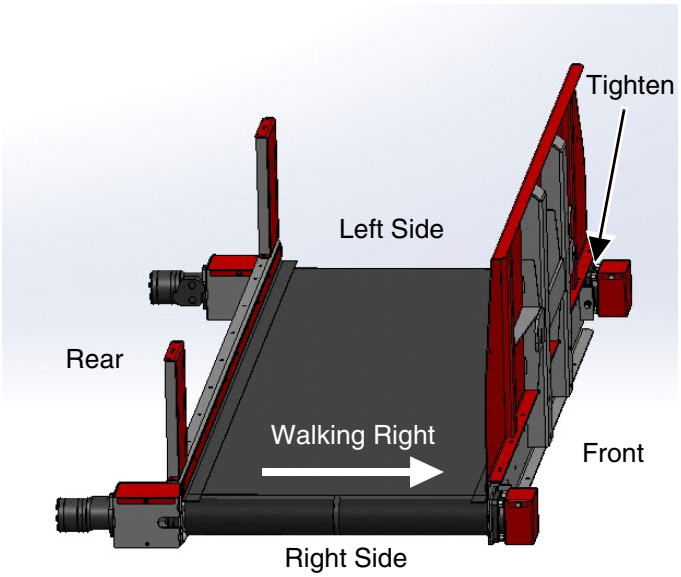
NOTE: If you run out of adjustment on the non-primary side, repeat Step 3 and remove more slack from the belt using the primary side.

Step 7: With the belt tight and the non-primary discharge pulley square with the conveyor frame, tighten the adjuster bolts for both non-primary discharge pulley bearings.

Step 8: Run the mixer conveyor for 2-3 minutes (both directions for front flat conveyors) at full RPM. If you notice the belt walking to the left or right while looking at the primary discharge end of the conveyor, stop the conveyor. Check your measurements to make sure both primary and non-primary discharge pulleys are square with the conveyor frame. If the conveyor pulleys are square but the belt continues to walk, use the images below to unlock and tighten the corresponding non-primary discharge pulley bearing adjuster (See Below). Continue to slightly adjust and run the conveyor until the belt stops walking.

NOTE: If the center v of the belt is completely out of the pulley groove, you may have to loosen both non-primary pulley adjusters to center the belt. Retighten to your measurement used in Step 6 before adjusting the conveyor as shown below.





NOTE: Both images are viewed as if the conveyor is a right primary discharge.

Step 9: With the belt conveyor tracking properly, make sure all bearing bolts are tight and adjusters are locked.

Step 10: Watch the conveyor when discharging your feed ration to make sure the belt doesn't slip. If the belt is slipping, evenly tighten the non-primary discharge side. Run and check belt alignment. Repeat as necessary.

Step 11: Watch the conveyor when discharging your feed ration to make sure the belt doesn't slip. If the belt is slipping, evenly tighten the non-primary discharge side. Run and check belt alignment. Repeat as necessary.

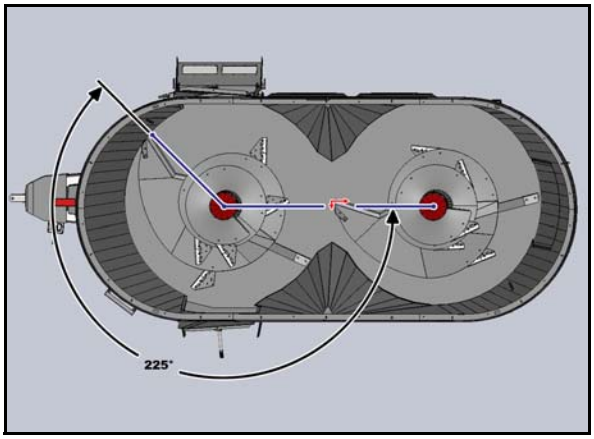
NOTE: If you run out of adjustment on the non-primary side, repeat Step 3 and remove more slack from the belt using the primary side.

8.2.2 Auger Scraper Bar

Check the auger scraper monthly for proper clearance with the side panel. Clearance should not exceed 1/2". If gap exceeds 1/2", the scraper should be adjusted to 1/8" clearance.

8.2.3 Auger Timing

Auger timing is critical. Whenever disconnecting the PTO connecting the two planetaries, it is critical that the front leading edge be 225° from the rear leading edge when the rear leading edge is pointing to the front auger.



8.2.4 Knives

CAUTION

Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.

If work must be done inside the mixer put a protective cover over the auger knives to avoid injury. The hopper and flighting may be slippery. Use caution when stepping on or standing inside the mixer.

Knives are designed and intended for processing and mixing rations that include long stem forages.

NOTE: Some rations may require adding or removing knives, or changing knife position to obtain the desired result.

8.2.4.1 Knife Removal

Individual knives may be removed from the auger if the ration does not include hay or includes very small amounts of small square bale hay or tub ground hay. Removing knives will decrease the aggressive cutting action on the stem length of the ration and may also reduce horsepower requirements.

8.2.4.2 Adding Knives

If the hay in your ration is not being processed enough or fast enough extra knives may be ordered through your dealer. Adding extra knives will help break down and process materials faster, but may increase the horsepower required to process and mix.

8.2.4.3 Knife Placement

The placement of knives towards the bottom of the auger will process the forage faster and make the stem length shorter but may require more horsepower. Placement of knives higher on the auger will assist in breaking up bales faster after initial loading.

8.2.4.4 Knife Position

“Out” Position

When the knives are in the “out” position they tend to move the long stem hay and lighter bulky materials best in the early stages of processing and mixing. This setting may result in feed spillage in certain materials. Knives placed in this setting are very aggressive in processing feed and will also cause an increase in horsepower requirement.

“In” Position

When the knives are in the “in” position they will slow down the long stem hay and lighter bulky materials in the early stages of processing and mixing. Less spillage will occur due to clearance between the knives. This setting is more desirable for heavy rations with long run time and where over processing can occur. Knives placed in this position are less aggressive in processing feed and will reduce the horsepower requirement.

8.2.4.5 Replacing Damaged or Worn Knives

When knives become worn and rounded on the leading edge their efficiency is greatly reduced. This results in longer processing times and increased horsepower requirements. Refer to your parts manual and contact your Meyer Mfg dealer for replacement part ordering.

8.2.5 Hay Stop Adjustment

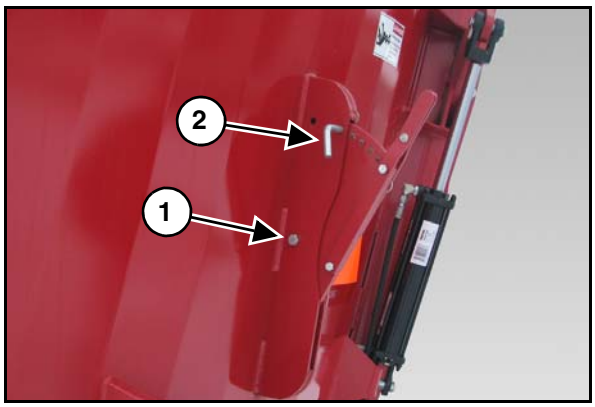
CAUTION

Do not adjust the hay stops while the mixer is running. Moving feed inside the mixer can make the hay stop move suddenly causing injury to the person making the adjustment.

Never operate the mixer without the hay stop lock bolt installed.

8.2.5.1 Hay Stop Lock Bolt

The hay stop lock bolt (Item 1) prevents the hay stop from rotating past the intended range of operation. If the hay stop bolt and the positioning pin (Item 2) are removed, the hay stop could contact the moving auger and cause damage to the hay stop and auger.



Position	Setting	Material
A	High	Light and bulky material (dry grasses)
B	Medium High	Alfalfa bales and other forages
C	Neutral	Unrestrained movement of feed
D	Medium Low	Heavier rations
E	Low	Aggressive cutting

Hay Stop Position A

Hay Stop Position B

Hay Stop Position C

Hay Stop Position D

Hay Stop Position E

8.3 STORING THE MIXER

LOCKOUT / TAGOUT the machine / mixer. (See 5.3 SHUTOFF & LOCKOUT POWER on page 20.)

Extended Storage

Sometimes it may be necessary to store your Meyer mixer for an extended period of time. Below is a list of items to perform before storage.

- Fully empty the material from the mixer. (See 7.4 UNLOADING on page 32.)
- Thoroughly clean the mixer inside and outside.
- Remove all material build-up.
- Lubricate the equipment. (See 8.1 LUBRICATION on page 35.)
- Inspect all mixer components for wear or damage. Repair and replace components as necessary.
- Make appropriate adjustments to equipment. (See 8.2 ADJUSTMENTS on page 42.)
- Inspect all welds for wear. Re-weld as necessary.
- Check for loose hardware, missing guards, or damaged parts.
- Check for damaged or missing safety signs (decals). Replace if necessary.
- Touch up all paint nicks and scratches to prevent rusting.
- Place the equipment in a dry protected shelter.
- Place the equipment flat on the ground.

8.4 RETURNING THE MIXER TO SERVICE

After the Meyer mixer has been in storage, it is necessary to follow a list of items to return the equipment to service.

- Be sure all shields and guards are in place.
- Lubricate the equipment.
- Operate equipment; verify all functions operate correctly.
- Check for leaks. Repair as needed.

8.5 REPLACEMENT PARTS

⚠ WARNING

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 in this equipment.

⚠ CAUTION

Inspect the truck chassis, all safety shielding, safety signs and safety lighting regularly.

Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.

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 manual 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

<u>Do Not</u> 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 is engaged, the implement is on solid and level ground.
- Welding and torching should be done by properly trained individuals who have proven their skills.

IMPORTANT

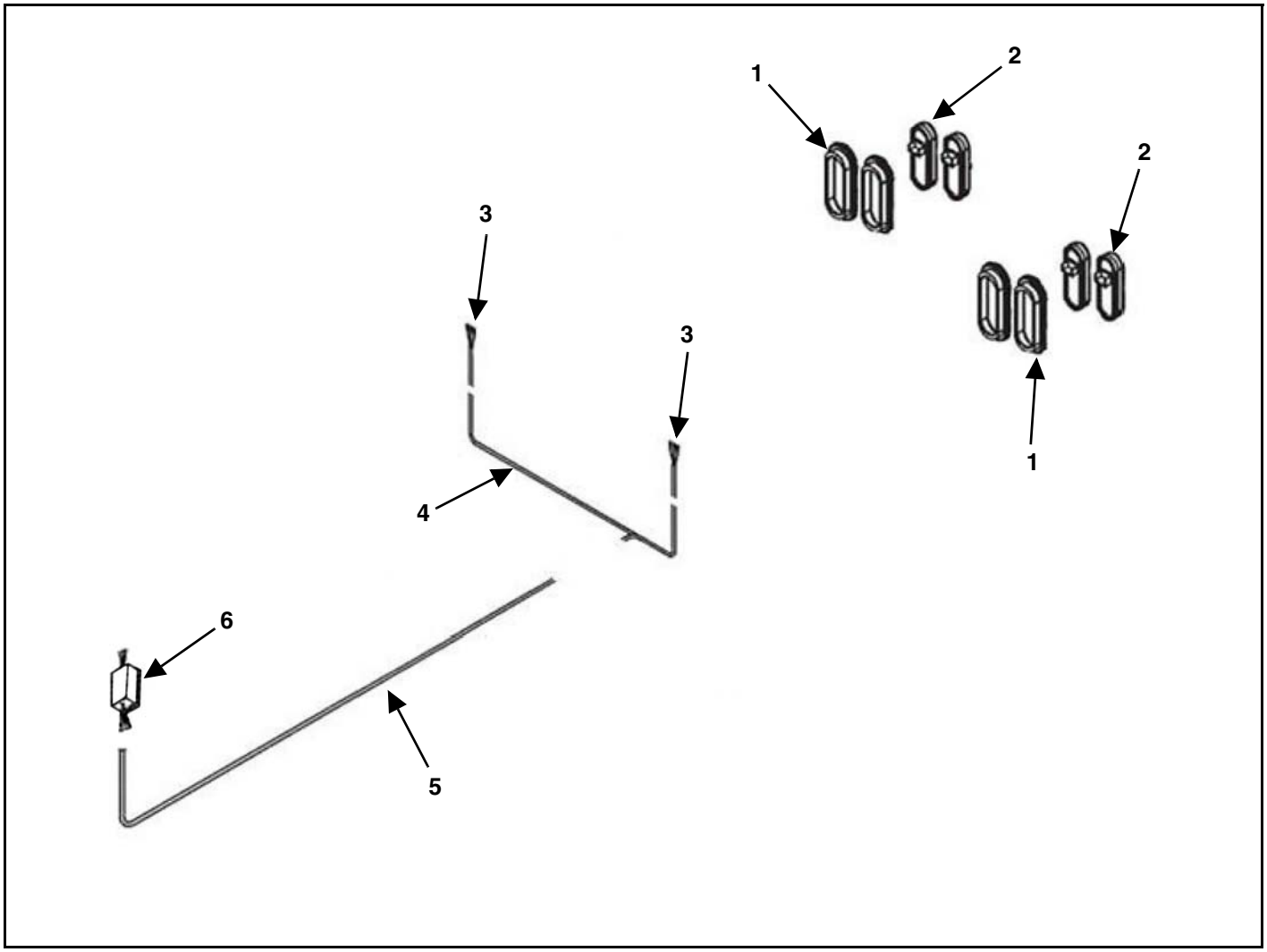
Call the factory for any additional details you may need to perform the repair. Some parts may come with instruction sheets to assist in the repair. Instructions sheets may be provided with your parts order, otherwise, if available, instruction sheets can be e-mailed or faxed for you convenience.

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

9.0 PARTS

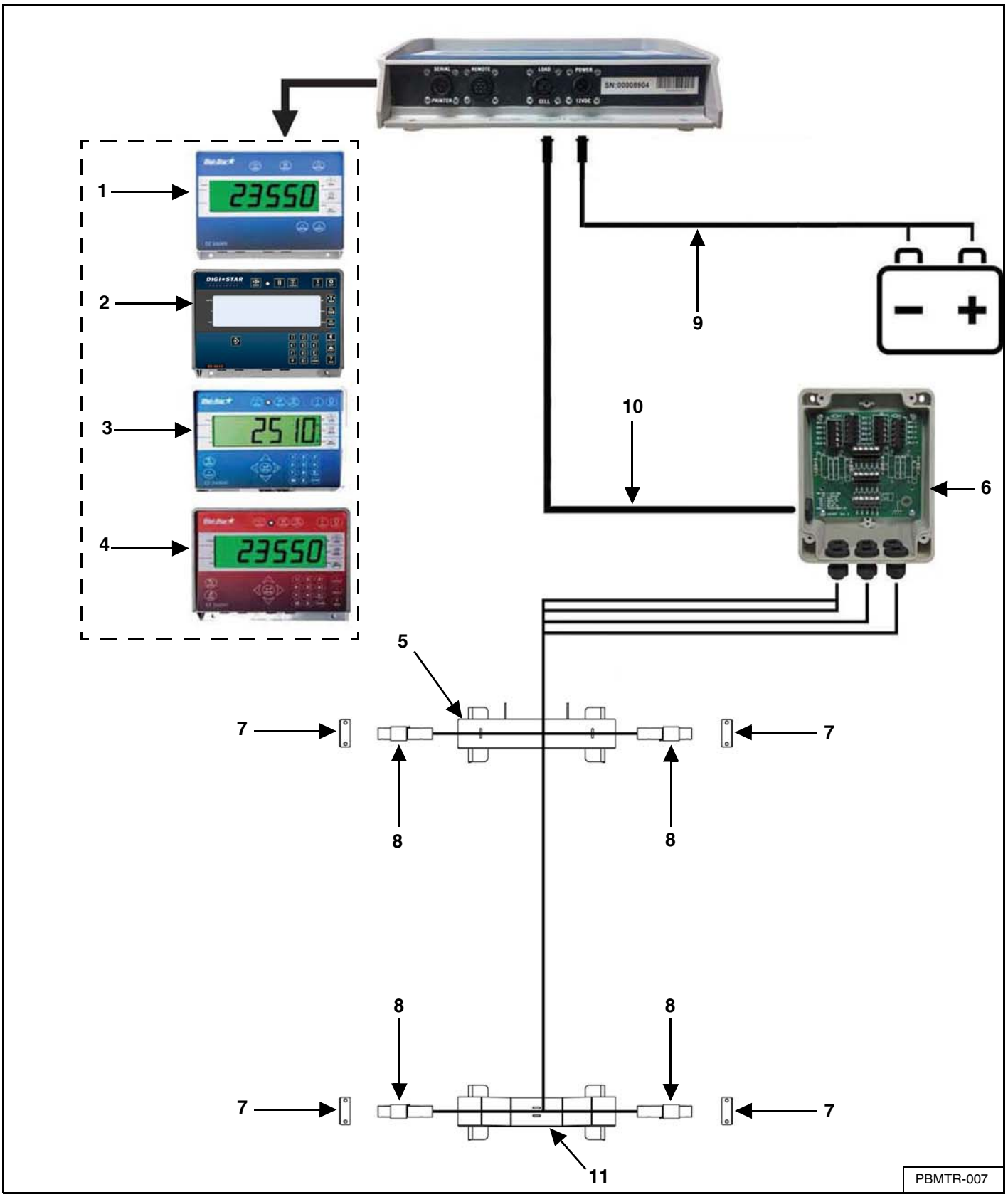
ELECTRICAL

TAIL LIGHTS

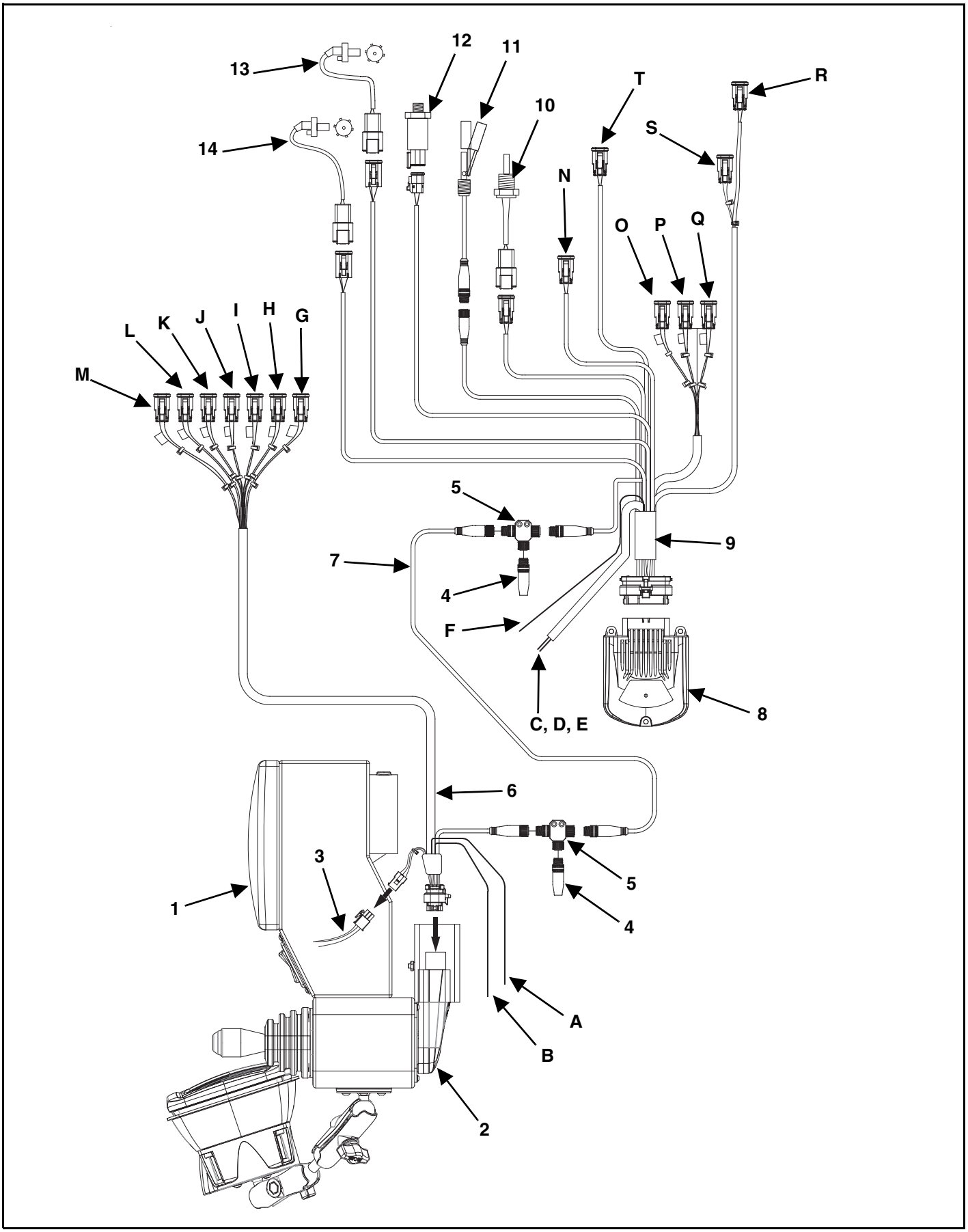


KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	56-0082	4	6" Oval Grommet	585 - 1215
2	56-0115	4	6" Oval Red LED Light	585 - 1215
3	56-0130-2	2	Right/Left Light Pigtail Lead	585 - 1215
4	56-0130-1	1	Y-Harness Less Light Plug Leads	585 - 1215
5	56-0037	AR	16GA 4-Wire Trailer Cable (By The Foot)	585 - 1215
	156-C-6FL-TO-1	1	6 Contact Connector	585 - 1215
	156-P-1	2	Green Cavity Plug	585 - 1215
	156-S-18-16-1	4	Green Cable Seal	585 - 1215
	156-T-16-14-F-1	4	Female Terminal Ends	585 - 1215
6	56-0028	AR	Tail Light 5-Wire to 4-Wire	585 - 1215

SCALE SYSTEM



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	58-0002-281023	1	EZ2810 Scale Indicator Monitor	585 - 1215
3	58-0002-408944	1	EZ3400V Scale Indicator Monitor	585 - 1215
4	58-0002-406552	1	EZ3600V Scale Indicator Monitor	585 - 1215
5	M9-1-5-0005	1	Front Mixer Mount	585 - 1215
	M9-1-12-0002	2	Truck Frame Mount	585 - 1215
6	58-0020	1	6 Point Mobil J-Box	585 - 1215
	58-0008	1	6 Point Mobil J-Box With Monitor Cable	585 - 1215
7	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
8	58-0034-WT	4	2.875” x 14” Load Cell	585 - 1215
9	58-0043	1	10' Power Cord	585 - 1215
10	58-0029	1	Junction Box To Monitor Cable 30’	585 - 1215
11	M9-1-5-0001	1	Rear Mixer Mount	585 - 1215
	M9-1-12-0002	2	Truck Frame Mount	585 - 1215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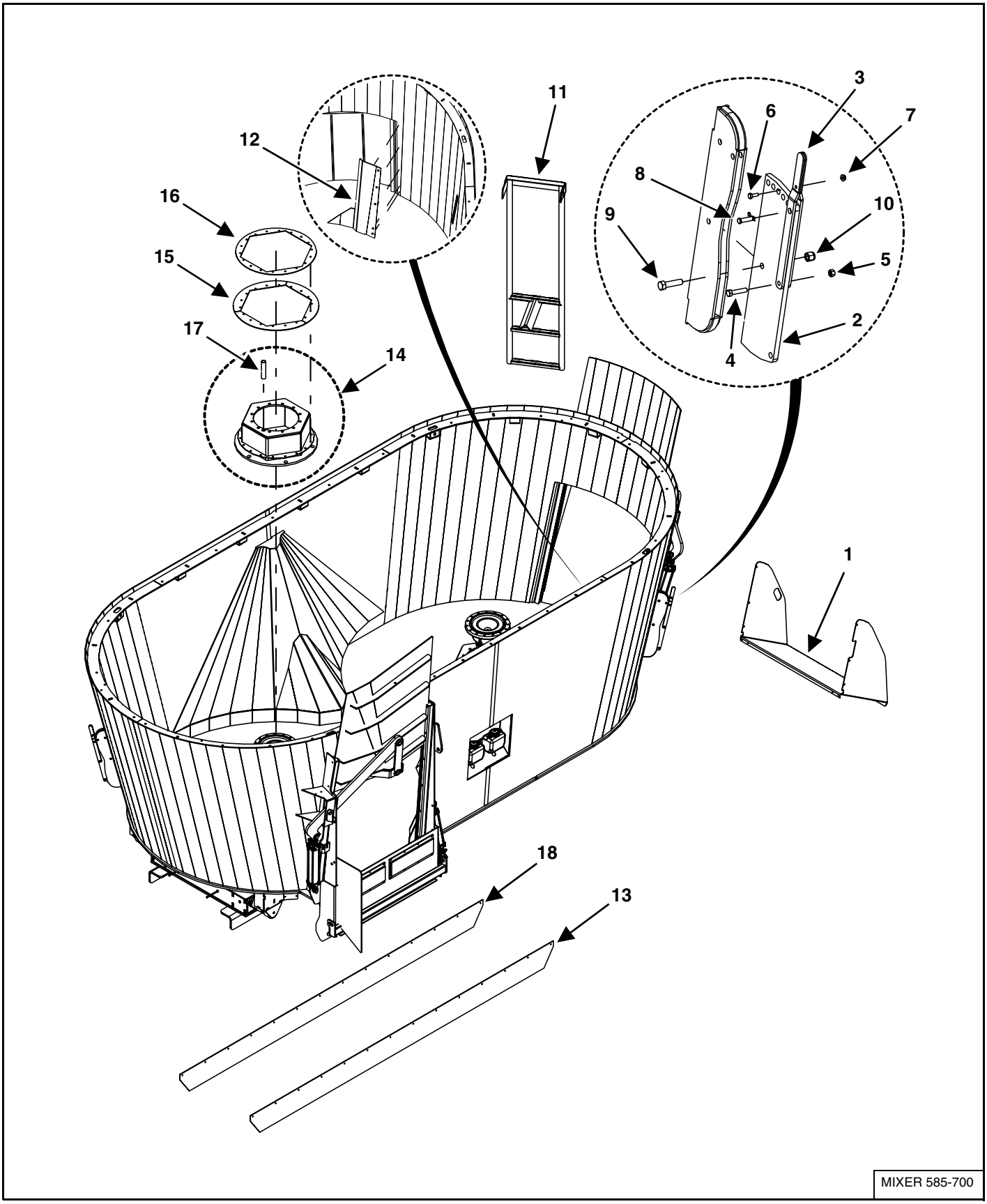
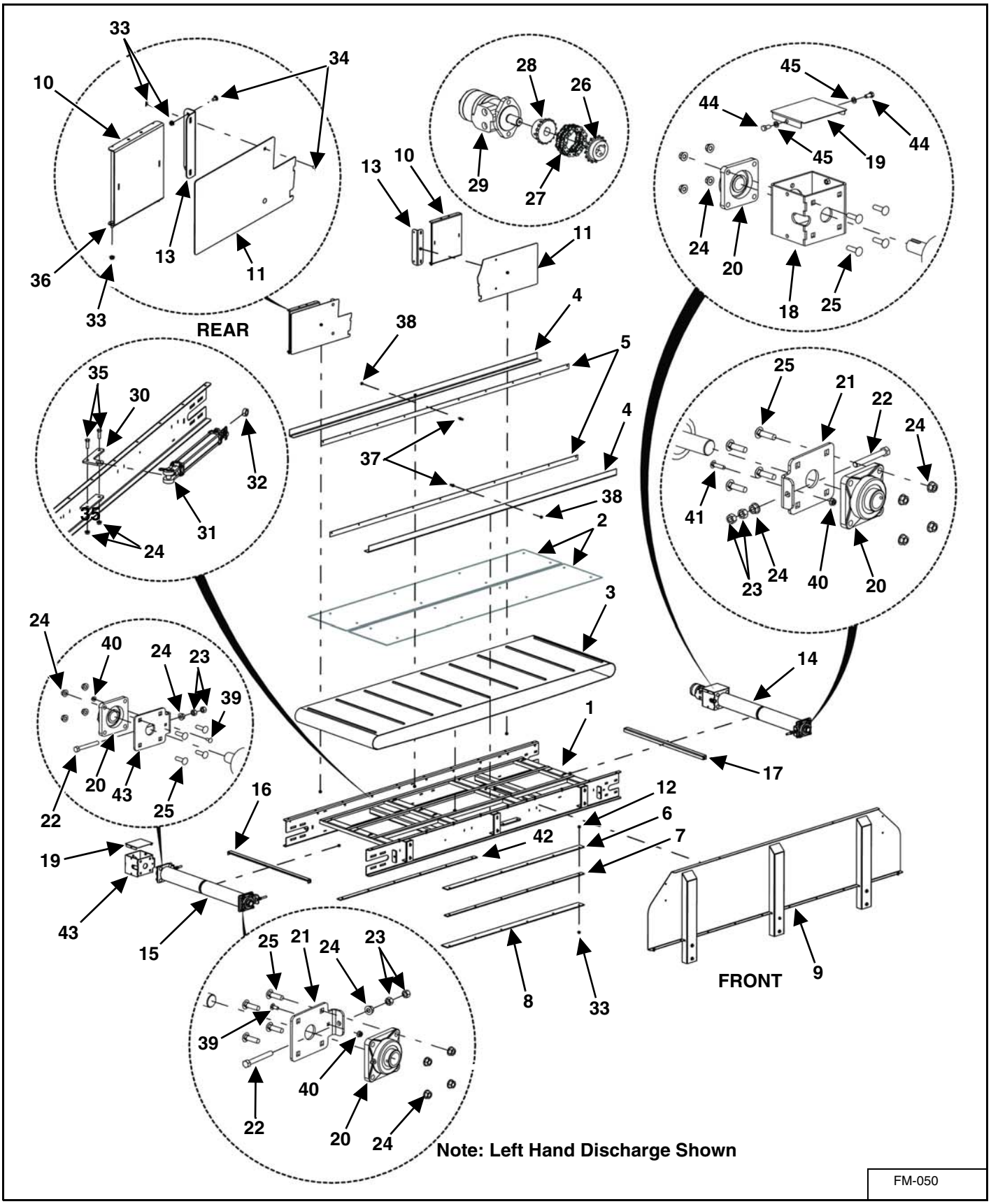
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	155-M-H-6-1	1	Single Motor Electrical Kit	585 - 1015
	155-M-HYDR-3-7	1	Dual Motor Electrical Kit	1015C/1215
1	155-M-H-6-1-4	1	Console	585 - 1215
2	155-M-H-6-1-5	1	Cab Module ECU	585 - 1215
3	155-M-HYDR-3-7-10	1	Console Internal Wire Harness	585 - 1215
4	155-M-HYDR-3-7-6	2	Male CAN Bus Terminator Resistor	585 - 1215
5	155-M-HYDR-3-7-5	2	CAN Tee	585 - 1215
6	155-M-H-6-1-1	1	Console External Wire Harness	585 - 1215
7	155-M-HYDR-3-7-5	1	CAN Cable	585 - 1215
8	155-M-H-6-1-3	1	Chassis Module ECU	585 - 1215
9	155-M-H-6-1-2	1	Chassis Harness	585 - 1215
	155-M-HYDR-3-7-9	1	Chassis Harness	1015C/1215
10	155-M-H-3-4-3	1	Hydraulic Oil Temperature Sensor	585 - 1215
11	155-M-H-3-4-4	1	Low Hydraulic Oil Sensor	585 - 1215
12	155-M-H-3-2-1-2	1	Hydraulic Oil Pressure Sensor	585 - 1215
13	155-M-HYDR-3-7-11	1	Motor Speed Sensor	585 - 1215
14	155-M-HYDR-3-7-11	1	Motor Speed Sensor	1015C/1215
A	Red Wire, To Fused Source Battery Positive			
B	Black Wire, To Fused Source Battery Negative			
C	White Wire, Camera ENA.			
D	Black Wire, To Fused Source Battery Negative			
E	Red Wire, To Fused Source Battery Positive			
F	Attached To Back-Up Lamp Wire			
G	Conveyor On/Off (SV2)			
H	Chute Down (SP3/S2)			
I	Chute Up (SP3/S1)			
J	Rear Door Down (SP2/S2)			
K	Rear Door Up (SP2/S1)			
L	Door Down (SP1/S2)			
M	Door Up (SP1/S1)			
N	Motor 2 PWM Displacement Control			
O	Fan Forward (SV1/S2)			
P	Fan Reverse (SV1/S1)			
Q	Fan Speed (TS1)			
R	Main Auxiliary Pump Relief (TS1)			
S	Pump Forward			
T	Motor 1 PWM Displacement Control			



MIXER 585-700

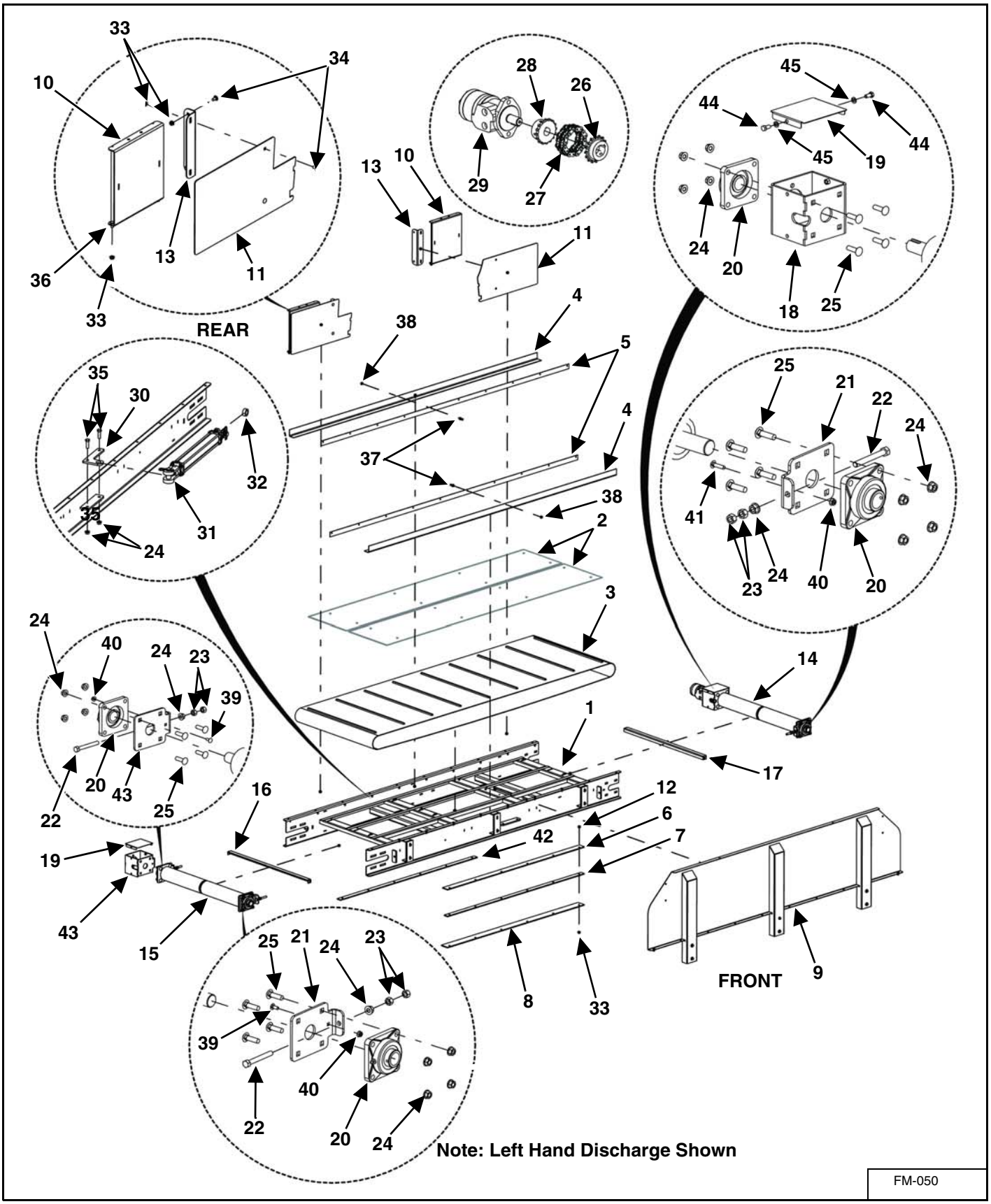
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M3-1-5-0072	1	Rear Door Chute Extension	585/700
	M3-1-12-0012	1	Rear Door Chute Extension	815 - 1215
2	M7-1-8-0002	2	Hay Stop	585 - 1215
3	M7-1-8-0003	4	Hay Stop Handle	585 - 1215
4	851-3816-1.75Z	2	3/8-16 x 1-3/4” Machine Bolt	585 - 1215
5	815-3816-Z	2	3/8-16 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	M10-1-5-0006	1	Ladder Weldment	585
	M10-1-7-0004	1	Ladder Weldment	700
	M10-1-8-0003	1	Ladder Weldment	815
	M10-1-10-0003	1	Ladder Weldment	1015
	M10-1-12-0012	1	Ladder Weldment	1215
12	M6-1-7-0016	1	Front/Rear Door Deflector	585/700
	M6-1-10-0006	1	Front/Rear Door Deflector Prior to SN 18VM(0815201, 1015204, 1215204)	815-1215
	M6-1-8-0018	1	Front/Rear Door Deflector SN 18VM(0815201,1015204, 1215204) & Later	815-1215
13	49-0383	1	Belt Skirting	585/700
	49-0188	1	Belt Skirting	815-1215
14	M2-1-5-0006	2	Planetary Mount Weldment	585/700
	M2-1-10-0003	2	Planetary Mount Weldment	815/1015
	M2-1-10-0002	2	Planetary Mount Weldment	1015C/1215
15	M2-1-5-0011-2	6	Auger Seal Belting	585/700
	M2-1-8-0035-2	6	Auger Seal Belting	815-1215
	VAM-ASK-KIT	1	Complete Auger Seal Installation Kit With Weld On Seal Plate (Optional)	585/700
	VAL-ASK-KIT	1	Complete Auger Seal Installation Kit With Weld On Seal Plate (Optional)	815-1215
16	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
	VAM-ASK-KIT	1	Complete Auger Seal Installation Kit With Weld On Seal Plate (Optional)	585/700
	VAL-ASK-KIT	1	Complete Auger Seal Installation Kit With Weld On Seal Plate (Optional)	815 - 1215
17	M2-1-7-0003-3	2	Auger Mount Pipe (Welded On)	585/700/815/1015
	M2-1-10-0002-4	2	Auger Mount Pipe (Welded On)	1015C/1215
18	49-0382	1	Belt Skirting	585/700
	49-0254	1	Front Belt Skirting	815/1015
	49-0255	1	Rear Belt Skirting	815/1015
	49-0188	1	Belt Skirting	1015C/1215

FRONT FLAT BELT CONVEYOR
PRIOR TO 2017 MODEL YEAR



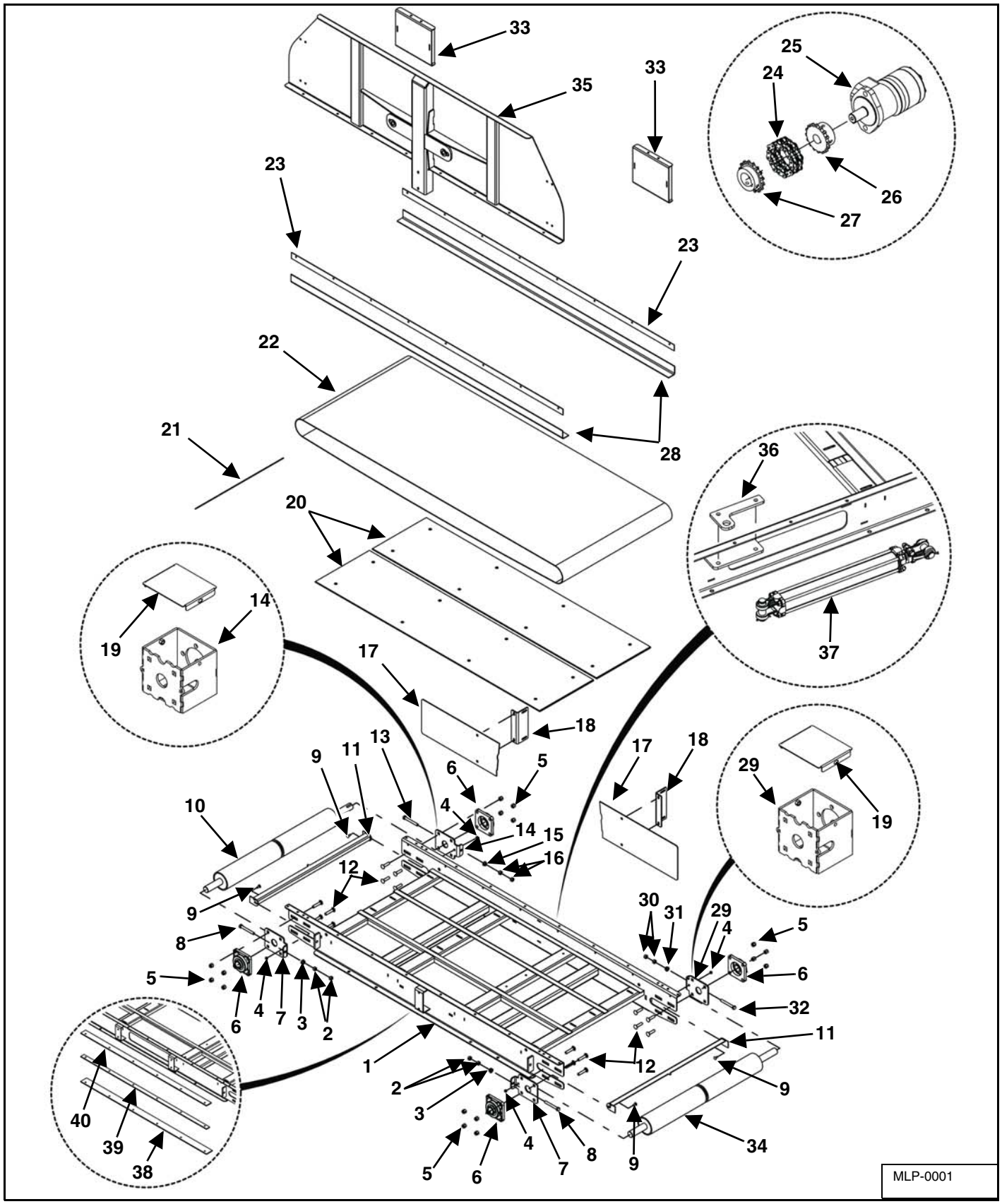
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M3-1-8-0001-1	1	Front Conveyor Base Weldment	815/1015/1215
2	M3-1-8-0024	2	Front Belt Conveyor Floor	815/1015/1215
3	49-0156-OS	1	35” x 17.58’ Belt	815/1015/1215
	49-0156-6-AS	1	36” Conveyor Steel Belt Lacing Pin	585 - 1215
4	49-0157	2	Base Conveyor Skirting	815/1015/1215
5	M3-1-8-0015	2	Front Conveyor Skirt Backer	815/1015/1215
6	M3-1-8-0009	2	Conveyor Slide Cap	815/1015/1215
7	M3-1-8-0008	1	Conveyor Middle Slide	815/1015/1215
8	M3-1-8-0007	2	Conveyor Bottom Slide	815/1015/1215
9	M3-1-8-0010	1	Front Conveyor Panel Weldment	815/1015/1215
10	M3-1-8-0014	2	Conveyor Shield Weldment	815/1015/1215
11	M3-1-8-0012	1	Front Conveyor Shield, Left	815/1015/1215
	M3-1-8-0013	1	Right Conveyor Deflector, Right	815/1015/1215
12	851-3816-1.5Z	8	3/8-16 x 1-1/2” Grade 5 M Bolt	585 - 1215
13	M3-1-8-0028	2	Front Conveyor Shield Mounting Bracket	815/1015/1215
14	23-0251	1	35.5 x 4.5 11 GA 0.375 End Plates 1.5 Shaft x 42.625” Drive Pulley	585 - 1215
15	23-0257	1	1.5 Shaft x 41.55” Idler Pulley	585 - 1215
	23-0251	1	1.5 Shaft x 42.625” Drive Pulley (2-Motor Option)	585 - 1215
16	M3-1-8-0016	1	Conveyor Idler Roll Scraper	585 - 1215
	850-3118-.75Z	2	5/16”-18 x 3/4” Carriage Bolt	585 - 1215
	814-3118-Z	2	5/16”-18 Indented Locknut	585 - 1215
17	M3-1-8-0017	1	Conveyor Drive Roll Scraper	585 - 1215
	850-3118-.75Z	2	5/16”-18 x 3/4” Carriage Bolt	585 - 1215
	814-3118-Z	2	5/16”-18 Indented Locknut	585 - 1215

FRONT FLAT BELT CONVEYOR
PRIOR TO 2017 MODEL YEAR (CONT'D)



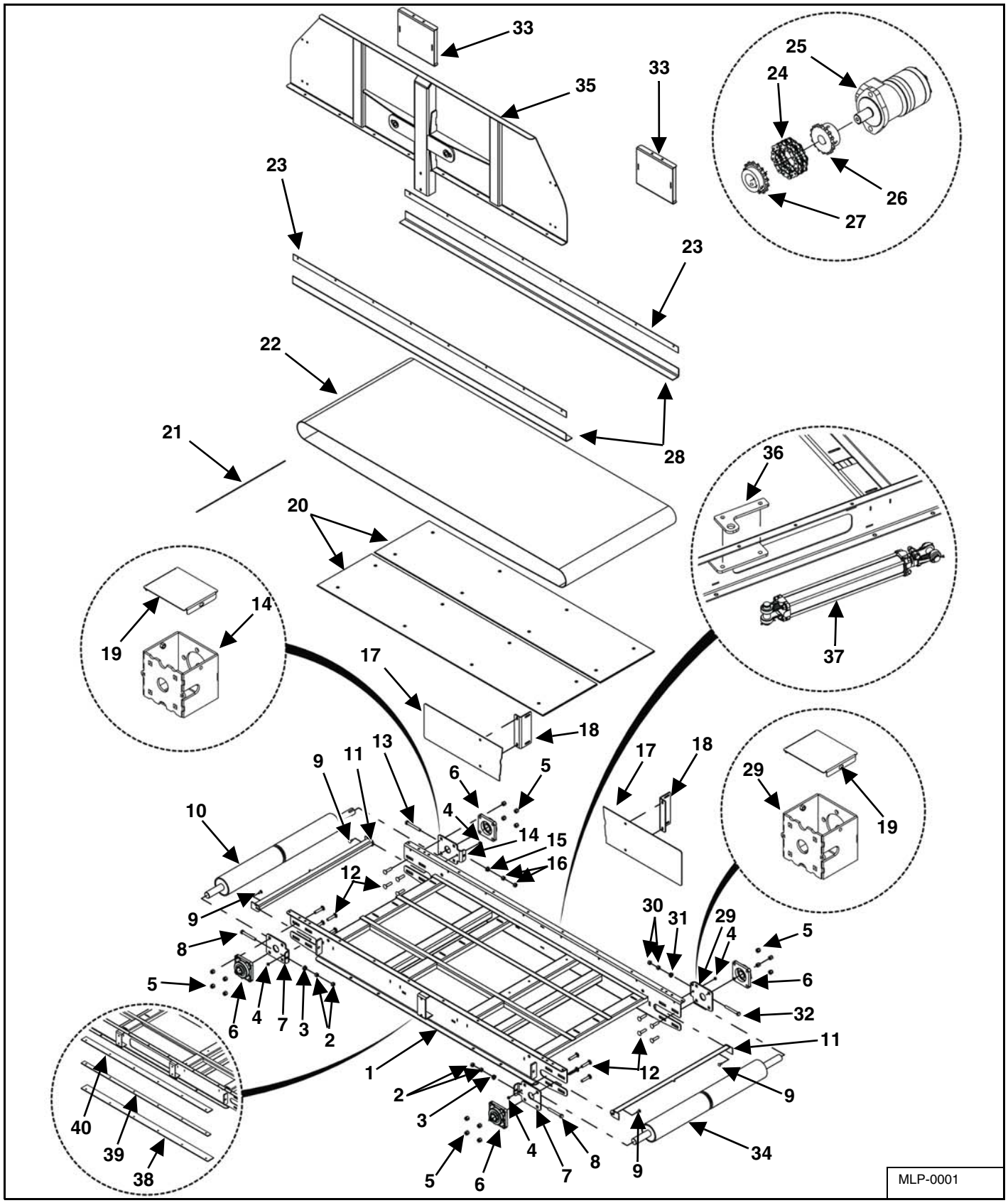
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
18	M3-1-8-0034	1	Front Conveyor Motor Bracket	585 - 1215
19	M3-1-8-0006	1/2	Coupler Cover Plate (Standard/2-Motor Option)	585 - 1215
20	14-0070	4	1-1/2” 4-Bolt Bearing	585 - 1215
21	M3-1-5-0044-1	2	Front Conveyor Bearing Mount	585 - 1215
22	830-5013-4Z	3	Tap Bolt, 1/2-13 x 4”	585 - 1215
23	813-5013-Z	6	1/2-13 Nut	585 - 1215
24	810-5013-Z	22	1/2” 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	110-50B16-1.50-1	1/2	Chain Coupler Sprocket 1.5 Bore x 0.375” Keyway (Standard/2-Motor Option)	585 - 1215
27	37-0013-2	1/2	Unit Coupler Chain #50 16 Double W/Connector (Standard/2-Motor Option)	585 - 1215
28	37-0013-1	1/2	Unit Coupler 1” Bore 1/4” Keyway (Standard/2-Motor Option)	585 - 1215
29	See Page 72	1	12.1 Cubic Inch 2-Bolt Motor	585 - 1215
	See Page 80	2	12.1 Cubic Inch 2-Bolt Motor (2-Motor Option)	585 - 1215
30	M3-1-8-0027	1	Front Conveyor Cylinder Mount	815/1015/1215
31	See Page 72	1	2 x 16 x 1-1/8” Hydraulic Cylinder	585 - 1215
32	33-0309	1	Cylinder Pin Spacer	585 - 1215
33	810-3816-Z	8	3/8 Spin Lock Nut	585 - 1215
34	850-3816-.75Z	4	3/8-16 x 3/4” Carriage Bolt, Grade 5	585 - 1215
35	851-5013-1.75Z	2	1/2-13 x 1-3/4” Grade 5 Machine Bolt	585 - 1215
36	851-3816-.75Z	2	3/8-16 x 3/4” Grade 5 Machine Bolt	585 - 1215
37	850-2520-.75Z	AR	1/4-20 x 3/4” Carriage Bolt, Grade 5	585 - 1215
38	810-2520-Z	AR	1/4” Spin Lock Nut	585 - 1215
39	850-3118-.75Z	2	5/16-18 x 3/4 Carriage Bolt, Grade 5	585 - 1215
40	810-3118-Z	4	5/16-18 Spin Lock Nut	585 - 1215
41	850-3118-1.25Z	2	5/16” x 1-1/4” Carriage Bolt, Grade 5	585 - 1215
42	M3-1-8-0035	1	Conveyor Middle Slide Front	815/1015/1215
43	M3-1-8-0002	1	Front Conveyor Bearing Mount	585 - 1215
	M3-1-8-0036	1	Front Conveyor Adjustable Motor Bracket (2-Motor Option)	585 - 1215
44	851-3816-.75Z	2/4	3/8-16 x 3/4” Machine Bolt (Standard/2-Motor Option)	585 - 1215
45	822-0038-Z	2/4	3/8” Split Lock Washer (Standard/2-Motor Option)	585 - 1215

FRONT FLAT & INCLINE BASE BELT CONVEYOR
2017 MODEL YEAR THROUGH 2018 MODEL YEAR



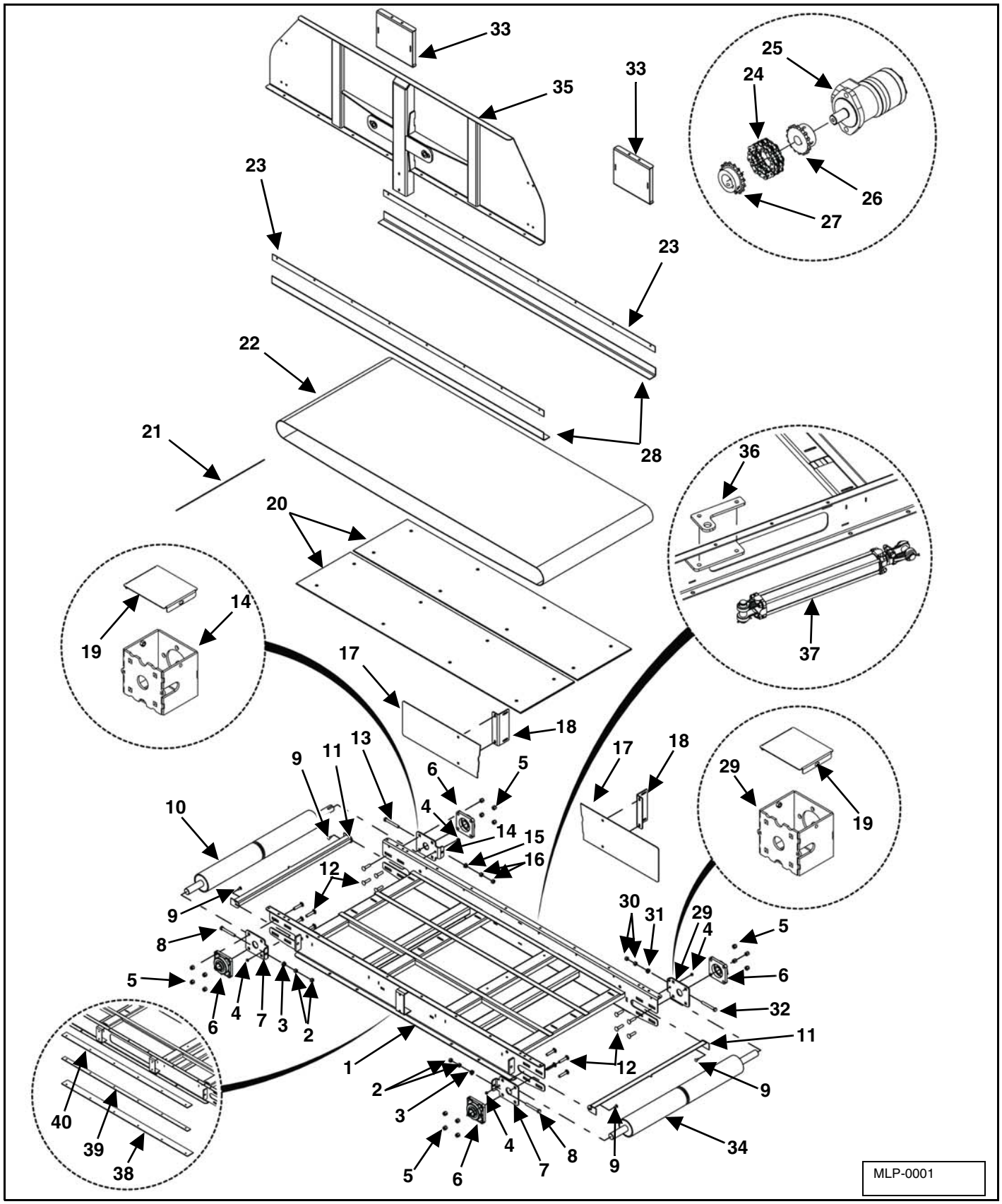
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M3-1-5-0060-1	1	Incline Base Conveyor Weldment	585/700
	M3-1-10-0017-1	1	Incline Base Conveyor Weldment	815/1015/1215
2	813-5013-Z	4	1/2-13 Nut	585 - 1215
3	810-5013-Z	2	1/2” Spin Lock Nut	585 - 1215
4	814-3118-Z	4	5/16-18 Indented Lock Nut	585 - 1215
5	815-5013-Z	16	1/2-13 Nylon Lock Nut	585 - 1215
6	14-0070	4	1-1/2” 4-Bolt Bearing Narrow Inner Race	585 - 1215
7	M3-1-5-0044-1	2	Front Conveyor Bearing Mount	585 - 1215
8	830-5013-4Z	2	1/2-13 x 4” Tap Bolt Full Threaded	585 - 1215
9	850-3118-.75Z	4	5/16-18 x 3/4” Carriage Bolt	585 - 1215
10	23-0257	1	Idler Pulley (Single Motor Flat Conveyor LH Drive)	585 - 1215
	23-0251	1	Drive Pulley Urethane Lagged (Single Motor Flat Conveyor RH Drive)	585 - 1215
11	M3-1-10-0023	2	Conveyor Pulley Scraper	585 - 1215
12	850-5013-1.75Z	16	1/2-13 x 1-3/4” Carriage Bolt	585 - 1215
13	830-5013-4Z	1	1/2-13 x 4” Tap Bolt Full Threaded (Single Motor Flat Conveyor LH Drive)	585 - 1215
14	M3-1-5-0044-1	1	Front Conveyor Bearing Mount (Single Motor Flat Conveyor LH Drive)	585 - 1215
	M3-1-5-0049	1	Conveyor Motor Mount Weldment (Single Motor Flat Conveyor RH Drive)	585 - 1215
15	810-5013-Z	1	1/2” Spin Lock Nut (Single Motor Flat Conveyor LH Drive)	585 - 1215
16	813-5013-Z	2	1/2-13 Nut (Single Motor Flat Conveyor LH Drive)	585 - 1215
17	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
	M3-1-10-0008	1	Front Conveyor Shield, Right (Flat Sliding Conveyors)	815/1015/1215

FRONT FLAT & INCLINE BASE BELT CONVEYOR
2017 MODEL YEAR THROUGH 2018 MODEL YEAR (CONT'D)



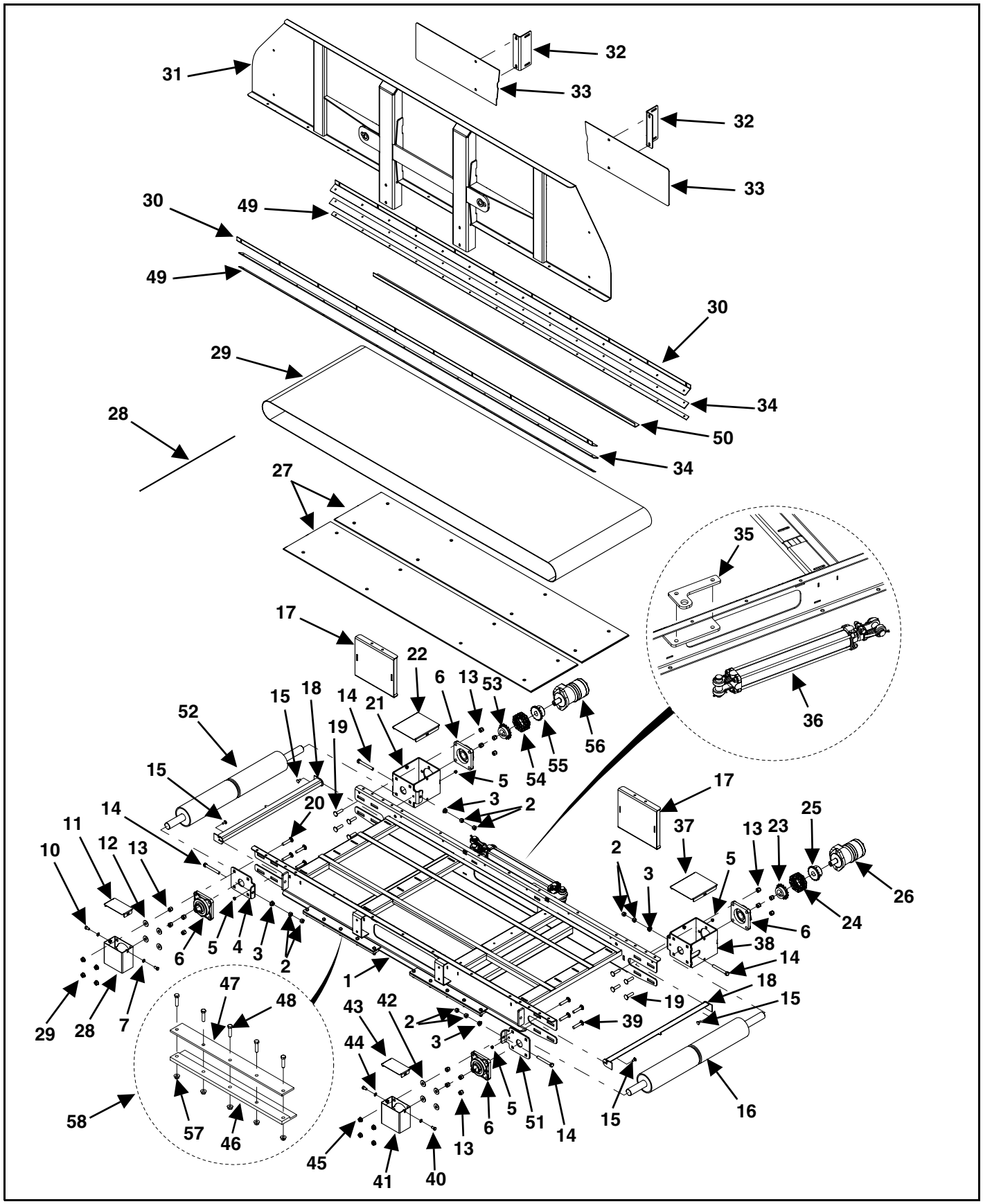
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
18	M3-1-7-0021	2	Front Conveyor Shield Mounting Bracket	585/700
	M3-1-8-0028	2	Front Conveyor Shield Mounting Bracket	815/1015/1215
19	M3-1-8-0006	1	Coupler Cover Plate	585 - 1215
20	M3-1-5-0060-3	2	Front Belt Discharge Conveyor Floor	585/700
	M3-1-10-0019	2	Front Belt Discharge Conveyor Floor	815/1015/1215
21	49-0156-4-AS	1	Conveyor Belt Lacing Pin Kit	585 - 1215
22	49-0247-MB	1	Front Conveyor Mini Bite Belt	585/700
	49-0249-MB	1	Front Conveyor Mini Bite Belt	815/1015/1215
23	M3-1-5-0060-2	2	Front Conveyor Skirt Bracket	585/700
	M3-1-10-0017-2	2	Front Conveyor Skirt Bracket	815/1015/1215
24	37-0013-2	1	Coupler Chain	585 - 1215
25	See Page 60	1	12.1 Cubic Inch 2-Bolt Motor (Single Motor Flat Conveyor)	585 - 1215
26	37-0013-1	1	Coupler Sprocket	585 - 1215
27	110-50B16-1.50-1	1	Coupler Sprocket	585 - 1215
28	49-0246	2	Base Conveyor Skirting	585/700
	49-0250	2	Base Conveyor Skirting	585 - 1215
29	M3-1-5-0044-1	1	Front Conveyor Bearing Mount (Single Motor Flat Conveyor RH Drive)	585 - 1215
	M3-1-5-0049	1	Conveyor Motor Mount Weldment (Single Motor Flat Conveyor LH Drive)	585 - 1215
30	813-5013-Z	2	1/2-13 Nut (Single Motor Flat Conveyor RH Drive)	585 - 1215
31	810-5013-Z	1	1/2” Spin Lock Nut (Single Motor Flat Conveyor RH Drive)	585 - 1215
32	830-5013-4Z	1	1/2-13 x 4” Tap Bolt Full Threaded (Single Motor Flat Conveyor RH Drive)	585 - 1215

FRONT FLAT & INCLINE BASE BELT CONVEYOR
2017 MODEL YEAR THROUGH 2018 MODEL YEAR (CONT'D)



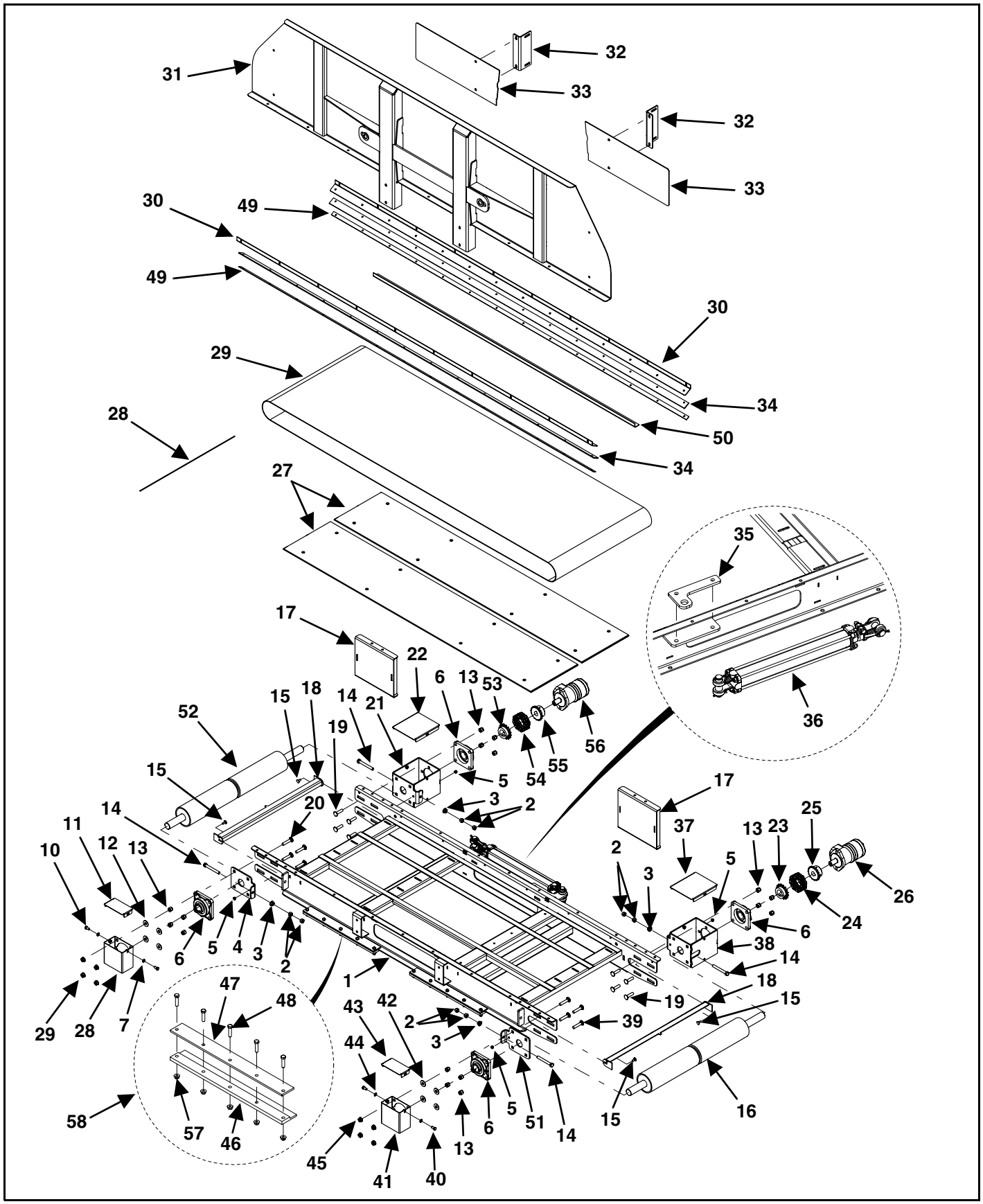
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
33	M3-1-7-0051	2	Conveyor Shield Weldment (Flat Sliding Conveyor Only)	585/700
	M3-1-10-0022	2	Conveyor Shield Weldment (Flat Sliding Conveyor Only)	815/1015/1215
34	23-0257	1	Idler Pulley (Single Motor Flat Conveyor RH Drive)	585 - 1215
	23-0251	1	Drive Pulley Urethane Lagged (Single Motor Flat Conveyor LH Drive)	585 - 1215
35	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
36	M3-1-8-0011	1	Front Conveyor Cylinder Mount (Flat Sliding Conveyor Only)	585 - 1215
37	See Page 72	1	2” x 16” x 1-1/8” Hydraulic Cylinder (Single Motor Sliding Conveyor)	585 - 1215
38	M3-1-7-0018	2	Conveyor Bottom Slide (Flat Sliding Conveyor Only)	585/700
	M3-1-8-0007	2	Conveyor Bottom Slide (Flat Sliding Conveyor Only)	815/1015/1215
39	M3-1-7-0019	1	Conveyor Middle Slide, Rear (Flat Sliding Conveyor Only)	585/700
	M3-1-7-0047	1	Conveyor Middle Slide, Front (Flat Sliding Conveyor Only)	585/700
	M3-1-8-0008	1	Conveyor Middle Slide, Rear (Flat Sliding Conveyor Only)	815/1015/1215
	M3-1-8-0035	1	Conveyor Middle Slide, Front (Flat Sliding Conveyor Only)	815/1015/1215
40	M3-1-7-0020	2	Conveyor Slide Cap (Flat Sliding Conveyor Only)	585/700
	M3-1-8-0009	2	Conveyor Slide Cap (Flat Sliding Conveyor Only)	815/1015/1215

FRONT FLAT & INCLINE BASE BELT CONVEYOR
(2019 MODEL YEAR & LATER)



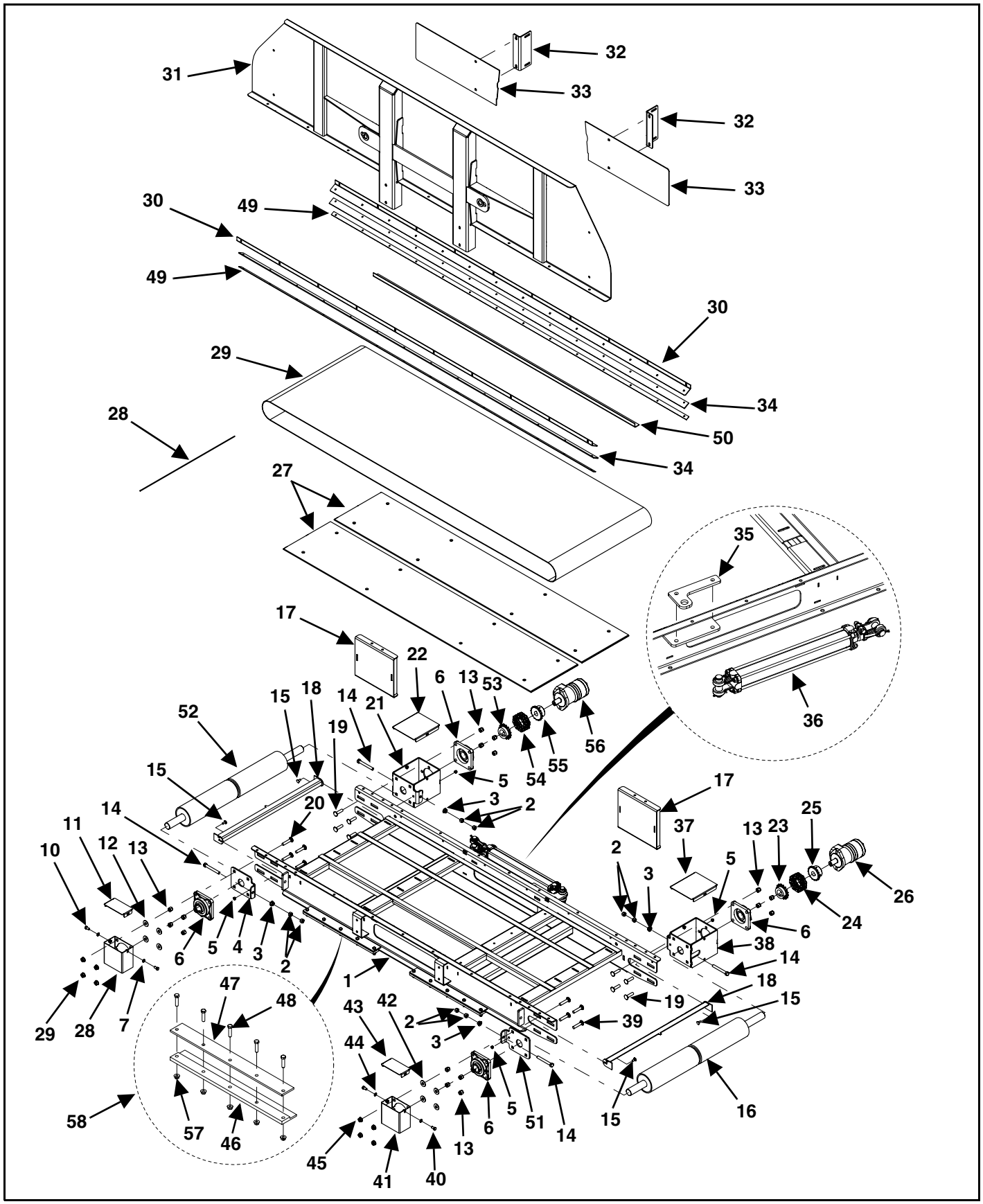
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	VTAM-FDB-36-LI	1	Front Left Discharge Flat Belt Conveyor (Incline/ Power Magnet Ready)	585/700
	VTAL-FDB-36-LI	1	Front Left Discharge Flat Belt Conveyor (Incline/ Power Magnet Ready)	815/1015/1215
1	M3-1-5-0060-1	1	Incline Base Conveyor Weldment	585/700
	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	1	Front Conveyor Bearing Mount	585 - 1215
	See Page 138	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 (RH Discharge, No Incline)	585 - 1215
8	M3-1-8-0047	1	Shaft Cover Weldment (RH Discharge, No Incline)	585 - 1215
9	810-5013-Z	4	1/2” Spin Lock Nut (RH Discharge, No Incline)	585 - 1215
10	851-3816-.75Z	2	3/8-16 x 3/4” Machine Bolt (RH Discharge, No Incline)	585 - 1215
11	M3-1-8-0048	1	Shaft Cover Plate (RH Discharge, No Incline)	585 - 1215
12	805-0050-Z	4	1/2” Flat Washer (RH Discharge, No 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	1	Drive Pulley Urethane Lagged (LH Discharge)	585 - 1215
	23-0257	1	Drive Pulley Urethane Lagged (RH Discharge)	585 - 1215
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 (RH Discharge, No Incline)	585 - 1215
	850-5013-1.75Z	4	1/2-13 x 1-3/4” Carriage Bolt (LH Discharge, RH Incline, RH Power Magnet)	585 - 1215
21	M3-1-8-0046	1	Front Conveyor Motor Mount Weldment (RH Discharge, No Incline)	585 - 1215
	M3-1-5-0044-1	1	Front Conveyor Bearing Mount (LH Discharge, RH Incline)	585 - 1215
	See Page 138	1	Motor Mount Weldment (RH Power Magnet)	585 - 1215
22	M3-1-8-0045	1	Chain Coupler Cover Plate (RH Discharge, No Incline)	585 - 1215
	851-3816-.75Z	2	3/8-16 x 3/4” Machine Bolt (RH Discharge, No Incline)	585 - 1215
	822-0038-Z	2	3/8” Split Lock Washer (RH Discharge, No Incline)	585 - 1215
23	110-50B16-1.50-1	1	Coupler Sprocket (LH Discharge)	585 - 1215
24	37-0013-2	1	Coupler Chain (LH Discharge)	585 - 1215
25	37-0013-1	1	Coupler Sprocket (LH Discharge)	585 - 1215
26	See Page 72	1	12.1 Cubic Inch 2-Bolt Motor (LH Discharge)	585 - 1215

FRONT FLAT & INCLINE BASE BELT CONVEYOR (2019 MODEL YEAR & LATER) (CONT'D)



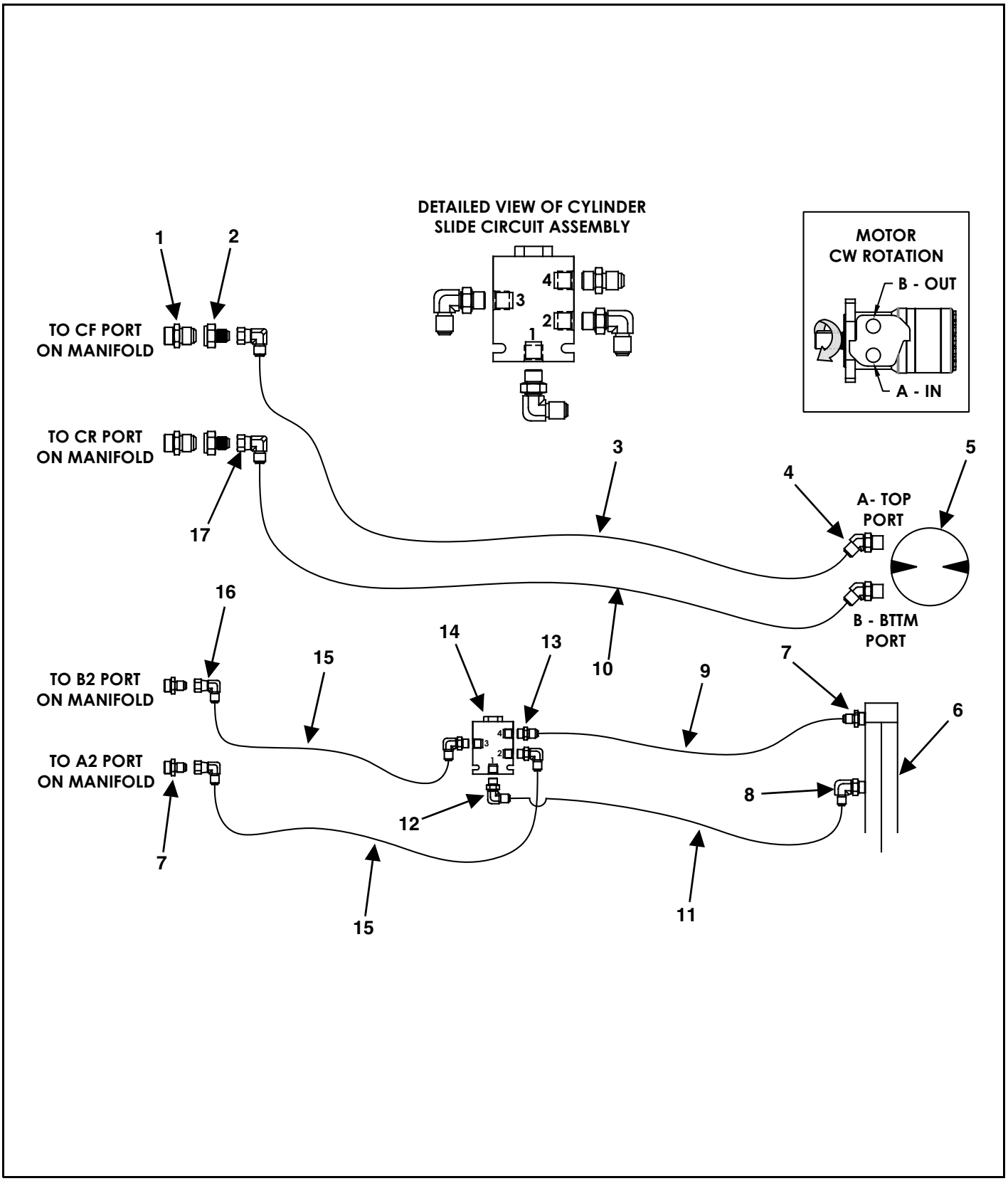
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
27	M3-1-5-0060-3	2	Front Belt Discharge Conveyor Floor	585/700
	M3-1-10-0019	2	Front Belt Discharge Conveyor Floor	815/1015/1215
28	49-0156-6-AS	1	Conveyor Belt Lacing Pin Kit	585 - 1215
29	49-0247-MB	1	Front Conveyor Mini Bite Belt	585/700
	49-0156-MB	1	Front 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	M3-1-7-0055	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
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 72	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 (LH Discharge, No Incline)	585 - 1215
	851-3816-.75Z	2	3/8-16 x 3/4” Machine Bolt (LH Discharge, No Incline)	585 - 1215
	822-0038-Z	2	3/8” Split Lock Washer (LH Discharge, No Incline)	585 - 1215
38	M3-1-8-0046	1	Front Conveyor Motor Mount Weldment (LH Discharge, No Incline)	585 - 1215
	M3-1-5-0044-1	1	Front Conveyor Bearing Mount (RH Discharge, LH Incline)	585 - 1215
	See Page 138	1	Motor Mount Weldment (LH Power Magnet)	585 - 1215
39	850-5013-2.25Z	4	1/2-13 x 2-1/4” Carriage Bolt (LH Discharge, No Incline)	585 - 1215
	850-5013-1.75Z	4	1/2-13 x 1-3/4” Carriage Bolt (RH Discharge, LH Incline, LH Power Magnet)	585 - 1215
40	851-3816-.75Z	2	3/8-16 x 3/4” Machine Bolt (LH Discharge, No Incline)	585 - 1215
41	M3-1-8-0047	1	Shaft Cover Weldment (LH Discharge, No Incline)	585 - 1215
42	805-0050-Z	4	1/2” Flat Washer (LH Discharge, No Incline)	585 - 1215
43	M3-1-8-0048	1	Shaft Cover Plate (LH Discharge, No Incline)	585 - 1215
44	822-0038-Z	2	3/8” Split Lock Washer (LH Discharge, No Incline)	585 - 1215
45	810-5013-Z	4	1/2” Spin Lock Nut (LH Discharge, No Incline)	585 - 1215

FRONT FLAT & INCLINE BASE BELT CONVEYOR (2019 MODEL YEAR & LATER) (CONT'D)



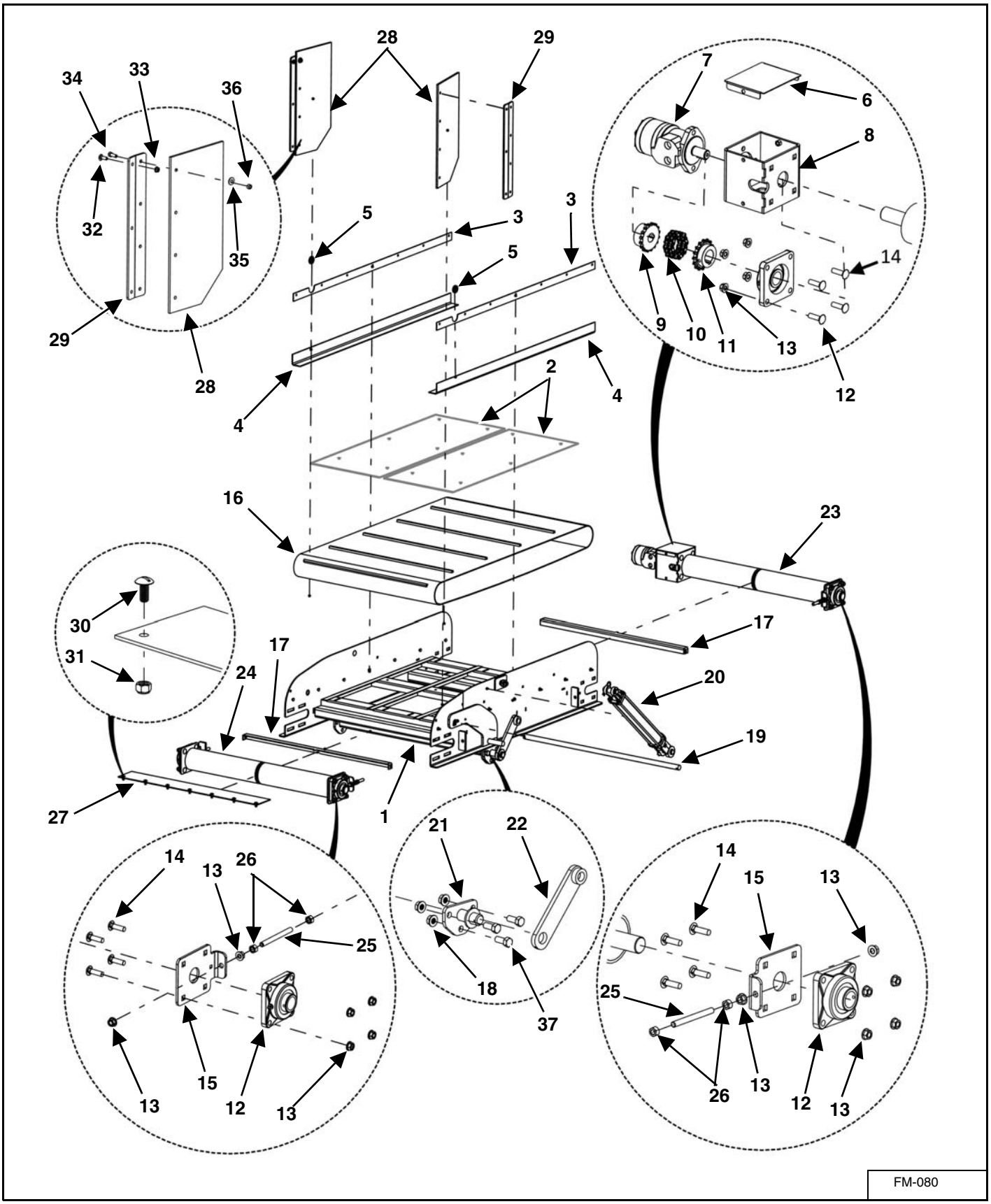
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
46	VAM-CSK	1	Conveyor Slide Update Kit (Flat Sliding Conveyor Only) Prior to SN 20VM(0585211, 0700204)	585/700
	M3-1-7-0056	4	Conveyor Bottom Slide (Flat Sliding Conveyor Only) SN 20VM(0585211, 0700204) & Later	585/700
	VAL-CSK	1	Conveyor Slide Update Kit (Flat 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
51	M3-1-5-0044-1	1	Front Conveyor Bearing Mount	585 - 1215
	See Page 138	1	Bearing Mount Weldment (LH Power Magnet)	585 - 1215
52	23-0269	1	Drive Pulley Urethane Lagged (RH Discharge)	585 - 1215
	23-0257	1	Drive Pulley Urethane Lagged (LH Discharge)	585 - 1215
53	110-50B16-1.50-1	1	Coupler Sprocket (RH Discharge)	585 - 1215
54	37-0013-2	1	Coupler Chain (RH Discharge)	585 - 1215
55	37-0013-1	1	Coupler Sprocket (RH Discharge)	585 - 1215
56	See Page 72	1	12.1 Cubic Inch 2-Bolt Motor (RH Discharge)	585 - 1215
57	810-3816-Z	20	3/8”-16 Spin Lock Nut	585 - 1215
58	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

FLAT SLIDING BELT CONVEYOR HYDRAULIC SCHEMATIC



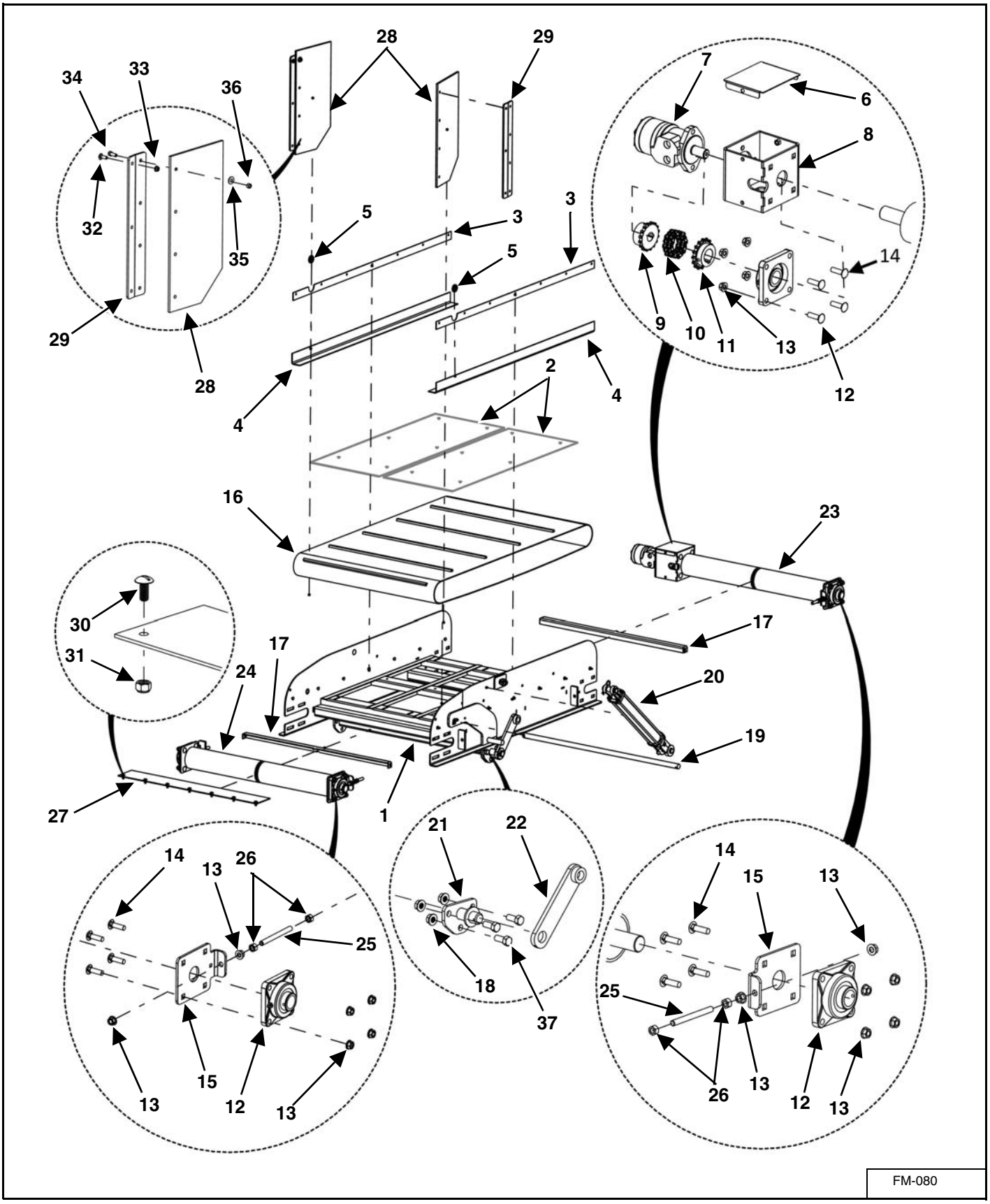
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-6400-12-12	2	#12 JIC Male, #12 ORB Male Straight Connector	585 - 1215
2	155-2406-12-08	2	Straight Adaptor	585 - 1215
3	155-08R17-42-1	1	1/2” x 42” Hose Assembly	585/700
	155-08R17-124-1	1	1/2” x 124” Hose Assembly	815 - 1215
4	155-6802-8-10	2	#8 JIC Male, #10 ORB Male Adjustable 45°	585 - 1215
5	155-WR-12.1-1	1	12.1 Cubic Inch 2-Bolt Motor	585 - 1215
	55-0099-KIT	1	Motor Seal Kit (Prior to 2017 Model Year)	585 - 1215
	155-WR-SK-1	1	Motor Seal Kit	585 - 1215
6	155-2-14-1.125-1	1	2” x 14" x 1-1/8” Hydraulic Cylinder	585 - 1215
7	155-6400-6-8	3	#6 JIC Male, #8 ORB Male Straight Connector	585 - 1215
8	155-6801-6-8	1	#6 JIC Male, #8 ORB Male Adjustable 90°	585 - 1215
9	155-04R17-19-1	1	1/4” x 19” Hose Assembly	585 - 1215
10	155-08R17-45-1	1	1/2” x 45” Hose Assembly	585/700
	155-08R17-124-1	1	1/2” x 124” Hose Assembly	815 - 1215
11	155-04R17-28-1	1	1/4" x 28" Hose Assembly	585 - 1215
12	155-6801-06-06	3	#6 JIC Male, #6 ORB Male Adjustable 90°	585 - 1215
13	155-6400-06-06	1	#6 JIC Male, #6 ORB Male Straight Connector	585 - 1215
14	155-M-HYDR-3-5-7	1	Cylinder Slide Circuit	585 - 1215
15	155-04R17-74-1	2	1/4” x 74” Hose Assembly	585/700
	155-04R17-28-1	2	1/4” x 28” Hose Assembly	815 - 1215
16	155-6500-06-06	2	#6 JIC Male, #6 JIC Female Swivel 90°	585 - 1215
17	155-6500-08-08	2	#8 JIC Male, #8 JIC Female Swivel 90°	585 - 1215

SIDE DISCHARGE BELT CONVEYOR



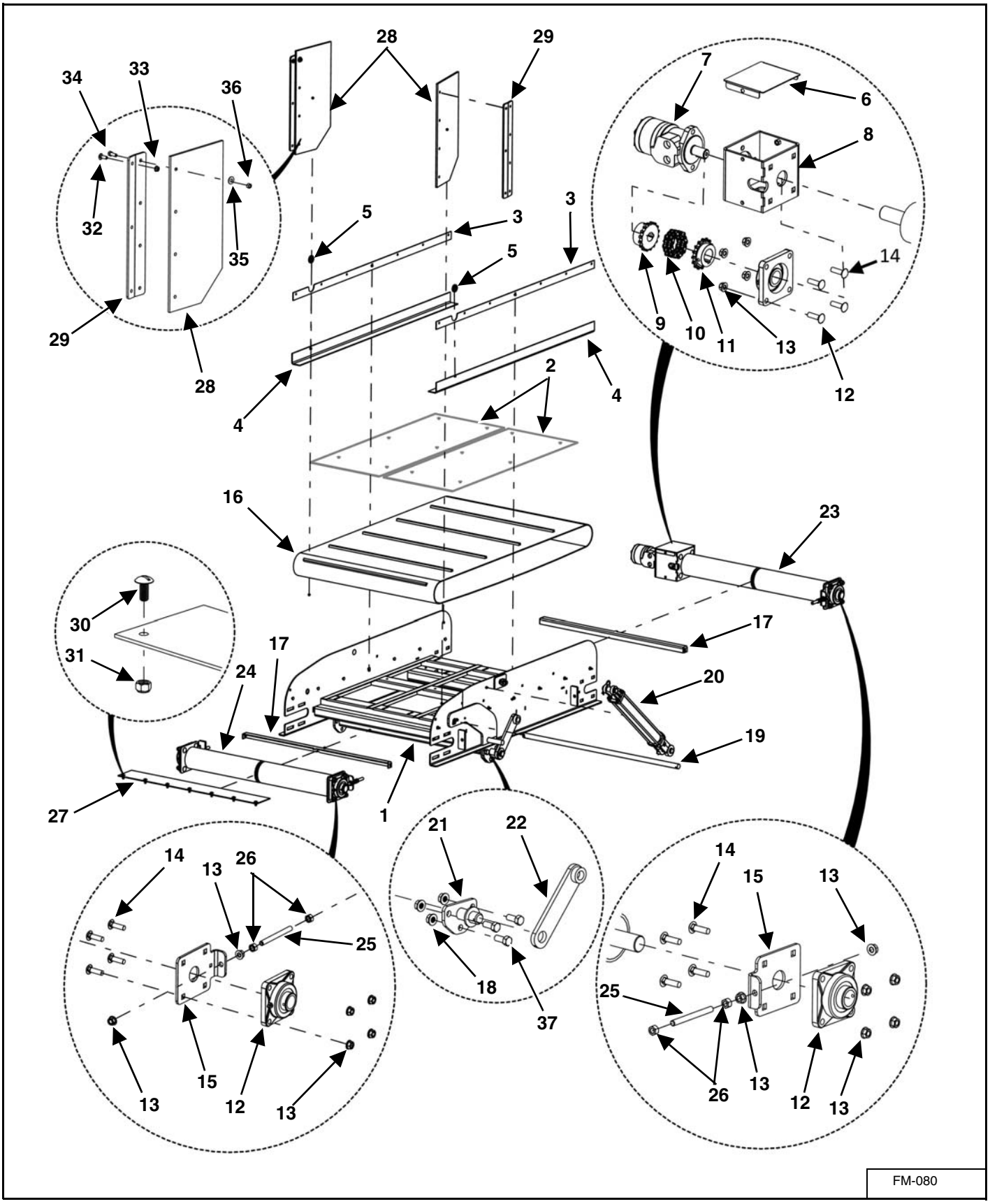
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M3-1-7-0044-1	1	42” x 24” Belt Conveyor Frame Weldment	585/700
	M3-1-7-0035-1	1	42” x 36” Belt Conveyor Frame Weldment	585-1215
	M3-1-7-0041-1	1	42” x 48” Belt Conveyor Frame Weldment	585/700
	M3-1-7-0039-1	1	42” x 60” Belt Conveyor Frame Weldment	585/700
2	M3-1-7-0046	2	Side Belt Discharge Conveyor Floor 1/4 x 20-5/8 x 22-1/2” (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” (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” (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” (42” x 60” Belt Conveyor)	585/700
3	M3-1-7-0045	2	Conveyor Skirt Backer 0.105 x 1.625 x 34” (36” x 24” Belt Conveyor)	585/700
	M3-1-4-0037	2	Conveyor Skirt Backer 0.105 x 1.625 x 44” (42” x 36” Belt Conveyor)	585-1215
	M3-1-4-0049	2	Conveyor Skirt Backer 0.105 x 1.625 x 56” (42” x 48” Belt Conveyor)	585/700
	M3-1-4-0053	2	Conveyor Skirt Backer 0.105 x 1.625 x 68” (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
7	See Page 80	1	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

SIDE DISCHARGE BELT CONVEYOR (CONT'D)



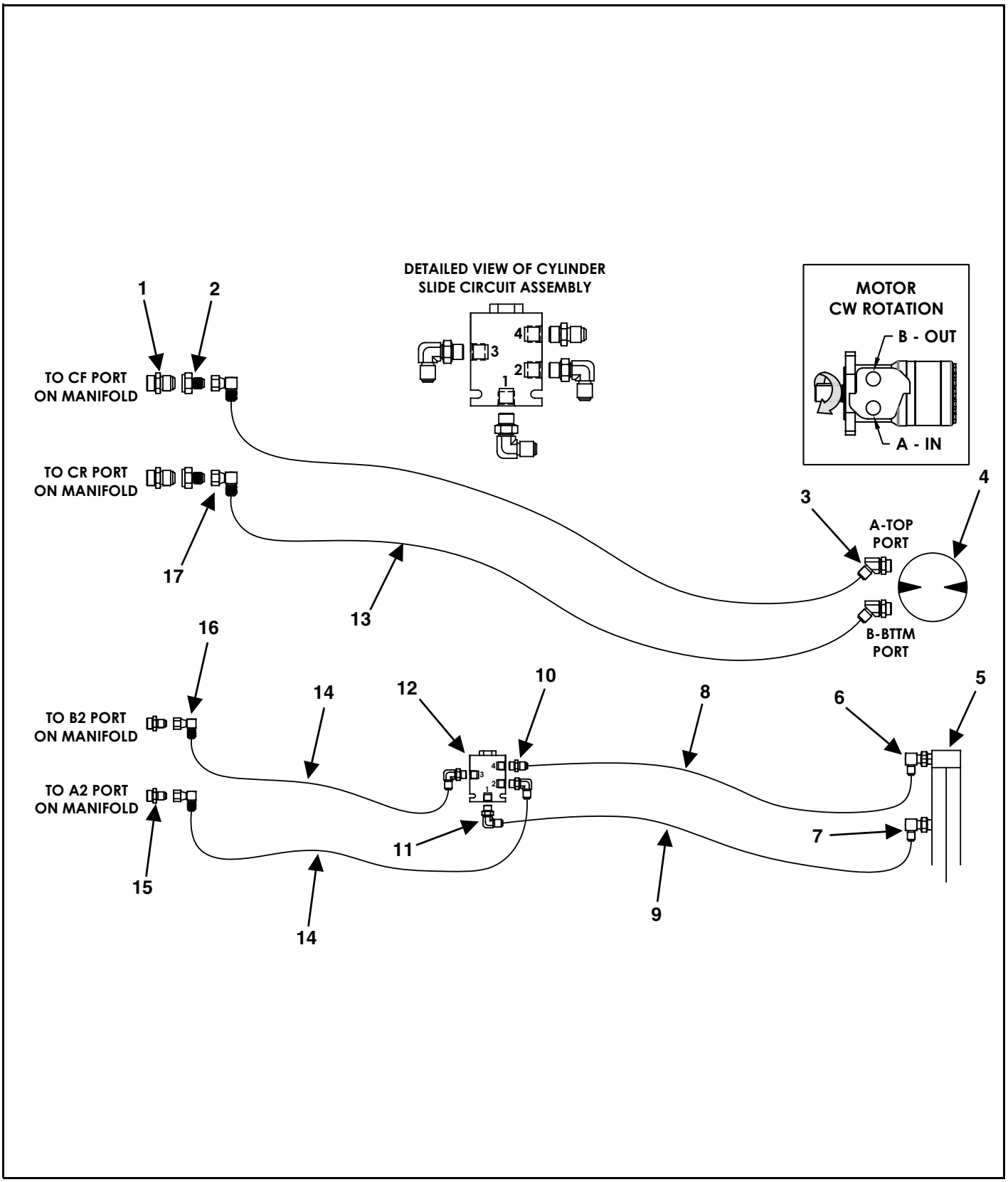
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
16	49-0219	1	41.38” x 73” Belt, (42” x 24” Belt Conveyor).	585-1215
	49-0193-MB	1	41.38” x 93” Belt, (42” x 36” Belt Conveyor)	585-1215
	49-0199	1	41.38” x 117” Belt, (42” x 48” Belt Conveyor)	585-1215
	49-0198-MB	1	41.38” x 141” Belt, (42 x 60” Conveyor)	585-1215
	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 80	1	Hydraulic Cylinder	585/700
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)



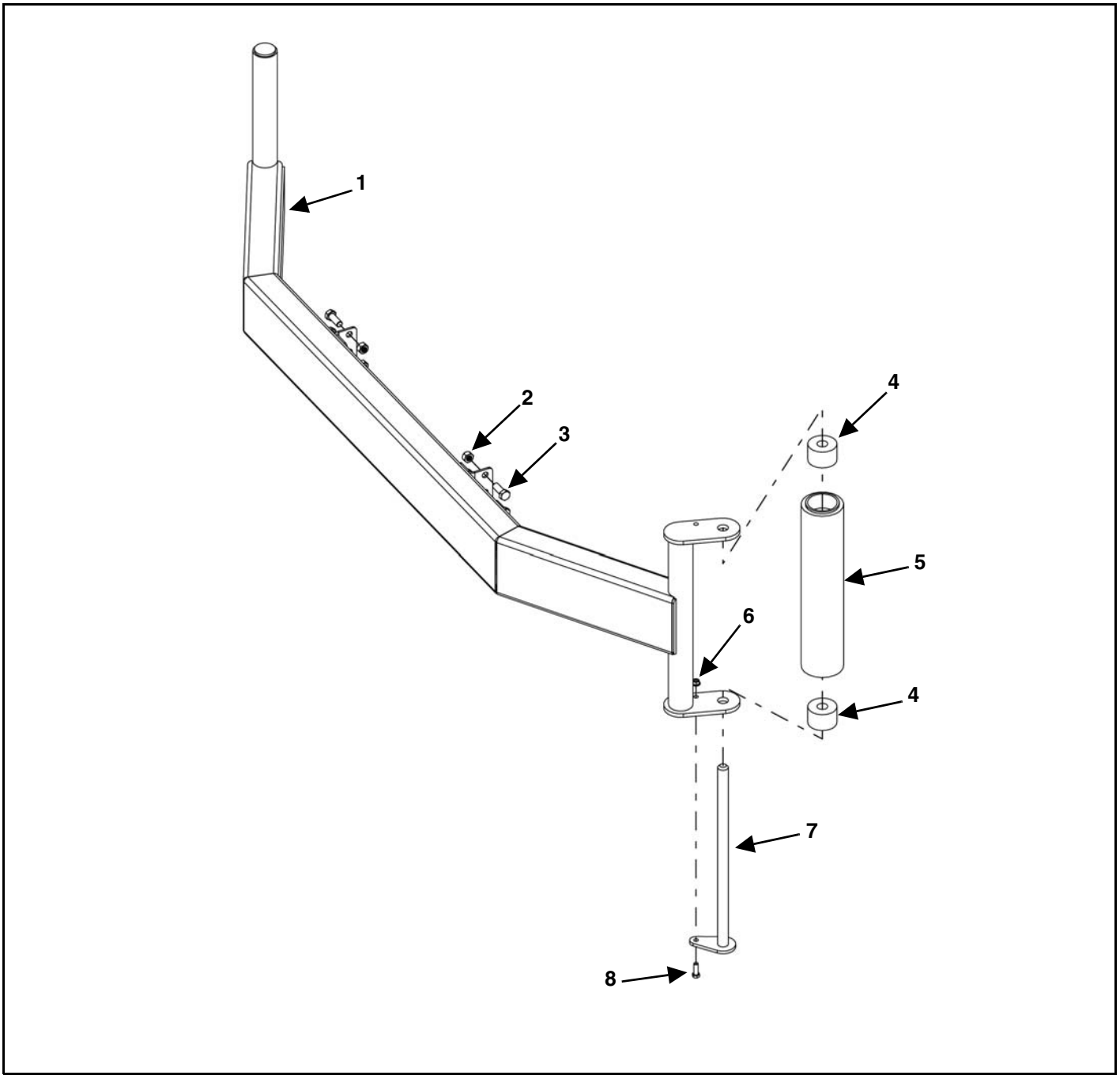
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
26	813-5013-Z	6	1/2-13 Nut	585-1215
27	49-0171	1	Door Frame Seal	585-1215
28	M3-1-4-0024	2	Door Deflector (Belting)	585-1215
29	M3-1-4-0025	2	Belt Chute Deflector	585-1215
30	802T-3118-.75Z	7	5/16-18 x 3/4” Truss Head Screw	585-1215
31	815-3118-Z	7	5/16-18 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 INCLINE CONVEYOR HYDRAULIC SCHEMATIC



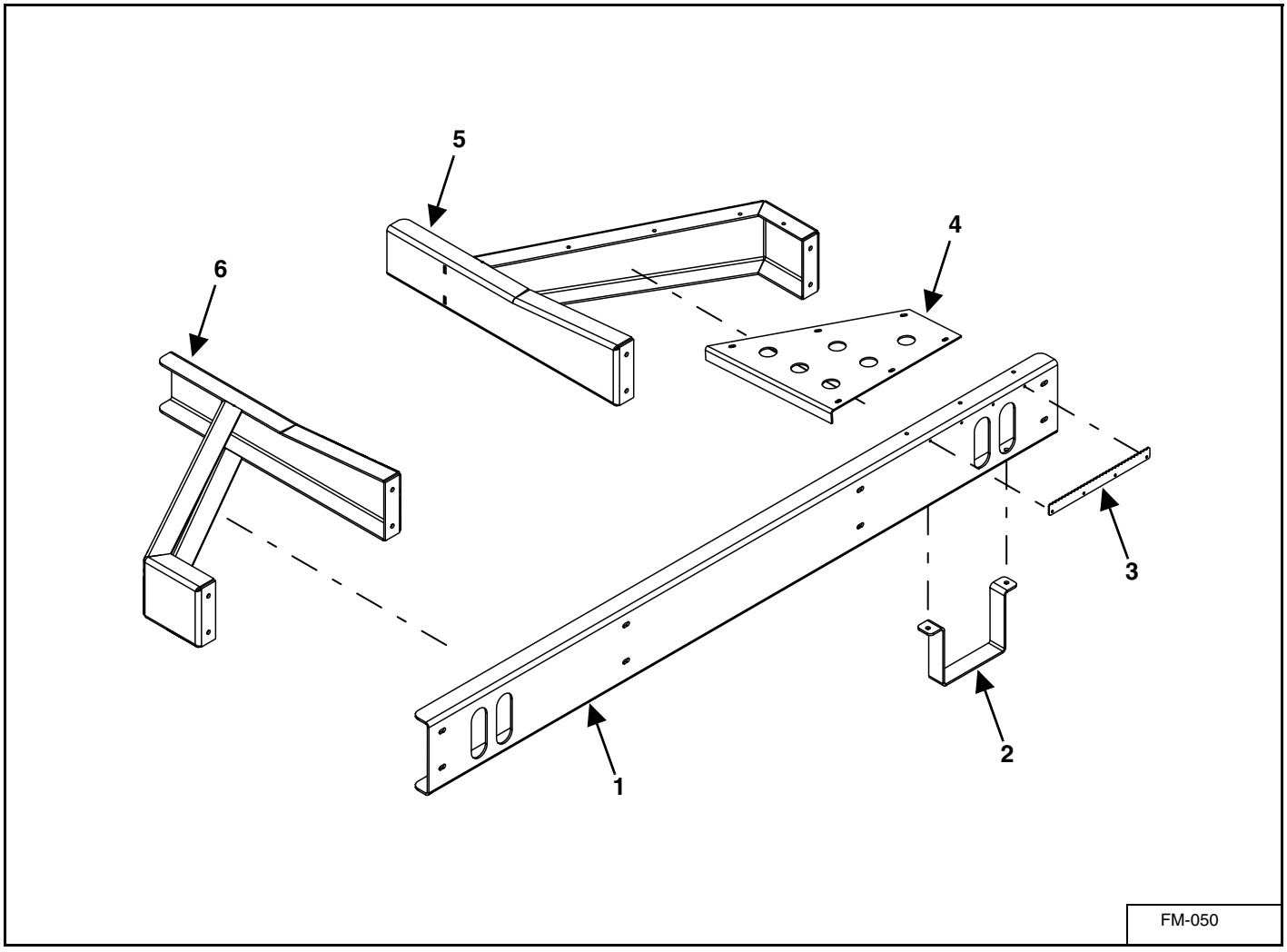
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-6400-12-12	2	#12 JIC Male, #12 ORB Male Straight Connector	815 - 1215
2	155-2406-12-08	2	Straight Adaptor	815 - 1215
3	155-6802-8-10	2	#8 JIC Male, #10 ORB Male Adjustable 45°	815 - 1215
4	155-WR-12.1-1	1	12.1 Cubic Inch 2-Bolt Motor	815 - 1215
	155-WR-SK-1	1	Motor Seal Kit	815 - 1215
5	155-2-16-1.125-1	1	2” x 16” x 1-1/8” Hydraulic Cylinder	815 - 1215
6	155-6801-6-8-55	1	#6 JIC Male, #8 ORB Male Adjustable 90° With .055" Orifice	815 - 1215
7	155-6801-6-8	1	#6 JIC Male, #8 ORB Male Adjustable 90°	815 - 1215
8	155-04R17-193-1	1	1/4” x 193” Hose Assembly	815 - 1215
9	155-04R17-173-1	1	1/4” x 173” Hose Assembly	815 - 1215
10	155-6400-06-06	1	#6 JIC Male, #6 ORB Male Straight Connector	815 - 1215
11	155-6801-06-06	3	#6 JIC Male, #6 ORB Male Adjustable 90°	815 - 1215
12	155-M-HYDR-3-5-7	1	Cylinder Slide Circuit	815 - 1215
13	155-08R17-208-1	2	1/2” x 208” Hose Assembly	815 - 1215
14	155-04R17-28-1	2	1/4” x 28” Hose Assembly	815 - 1215
15	155-6400-6-8	2	#6 JIC Male, #8 ORB Male Straight Connector	815 - 1215
16	155-6500-06-06	2	#6 JIC Male, #6 JIC Female Swivel 90°	815 - 1215
17	155-6500-08-08	2	#8 JIC Male, #8 JIC Female Swivel 90°	815 - 1215

FRONT BUMPER

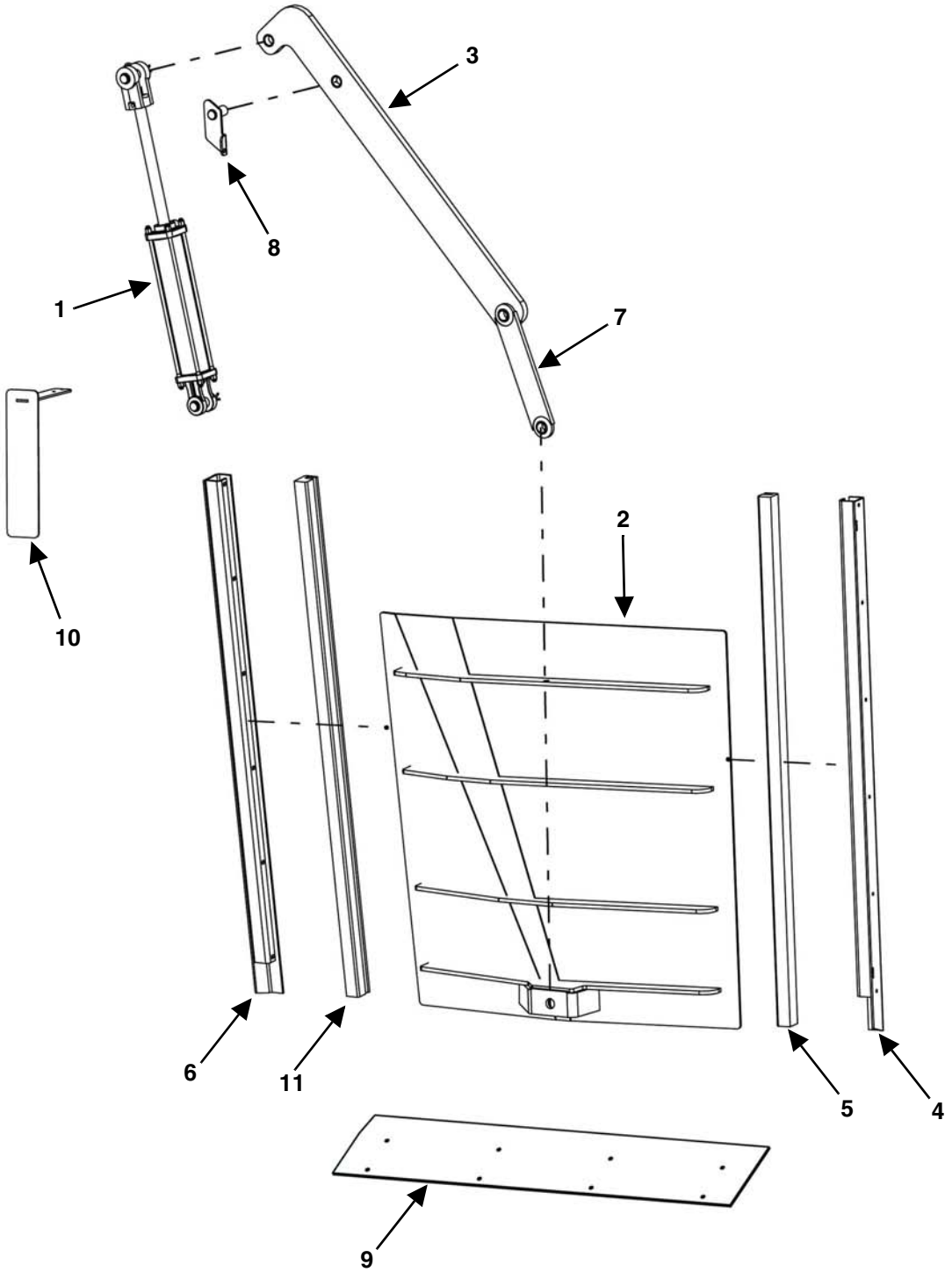


KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M13-1-12-0020	1	Front Bumper Weldment	585 - 1215
2	884-7510-Z	6	3/4”-10 Top Lock Nut	585 - 1215
3	851-7510-2Z	6	3/4”-10 x 2” Hex Cap Screw	585 - 1215
4	M13-1-12-0013-4	2	Bunk Roller Bearing	585 - 1215
5	M13-1-12-0013-2	1	Bunk Roller Weldment	585 - 1215
6	810-5013-Z	1	1/2”-13 Spin Lock Nut	585 - 1215
7	M13-1-12-0013-3	1	Bunk Roller Pin Weldment	585 - 1215
8	851-5013-1.5Z	1	1/2”-13 x 1-1/2” Hex Cap Screw	585 - 1215

REAR BUMPER



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M13-1-7-0001	1	Rear Bumper	585 - 1215
2	M13-1-12-0005	1	Bumper Drop Step	585 - 1215
3	M13-1-12-0006	1	Bumper Step	585 - 1215
4	M13-1-12-0004	1	Rear Bumper Step Insert	585 - 1215
5	M13-1-12-0003	1	Right Rear Bumper Mount Weldment	585 - 1215
6	M13-1-12-0002	1	Left Rear Bumper Mount Weldment	585 - 1215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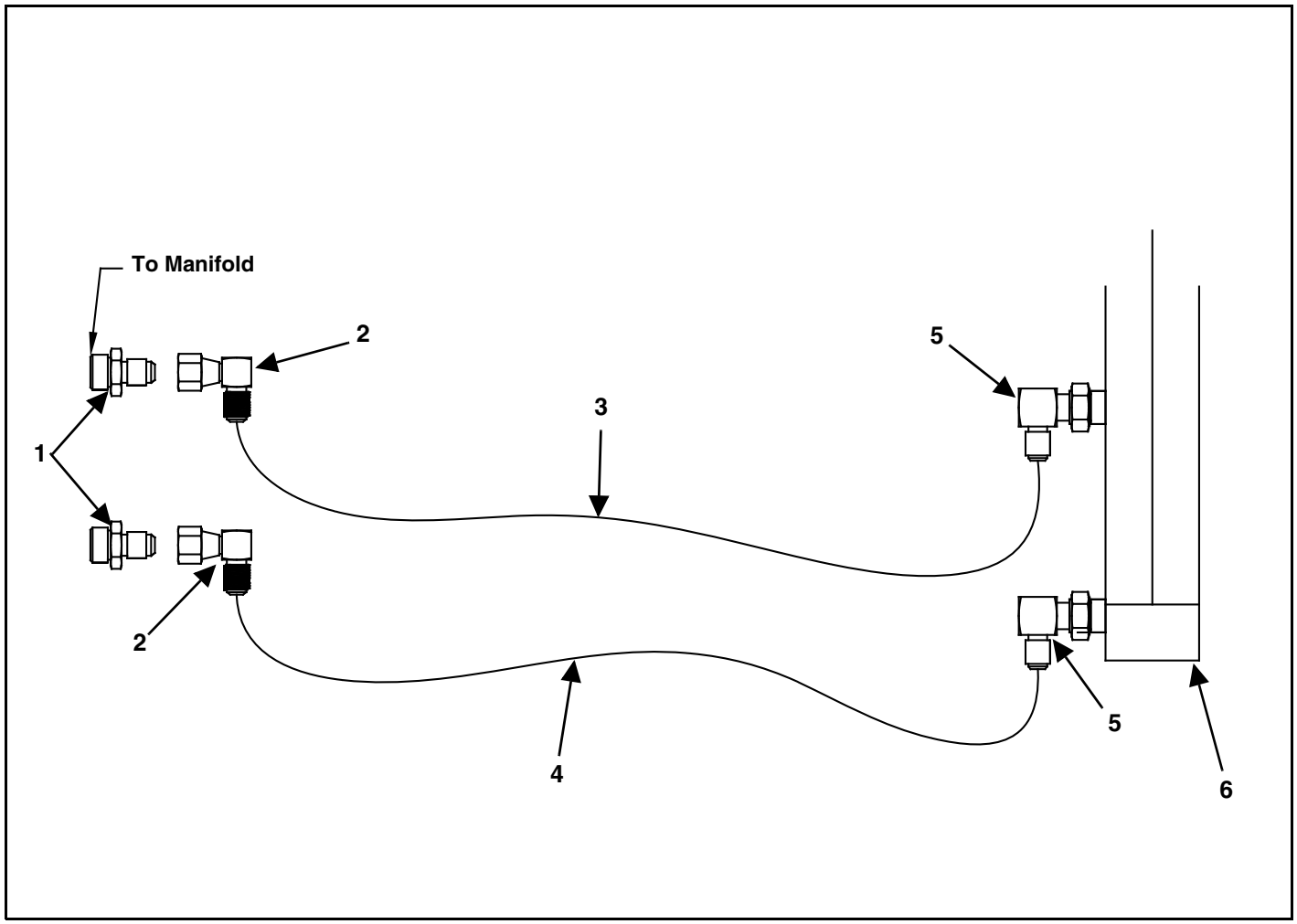
FM-100

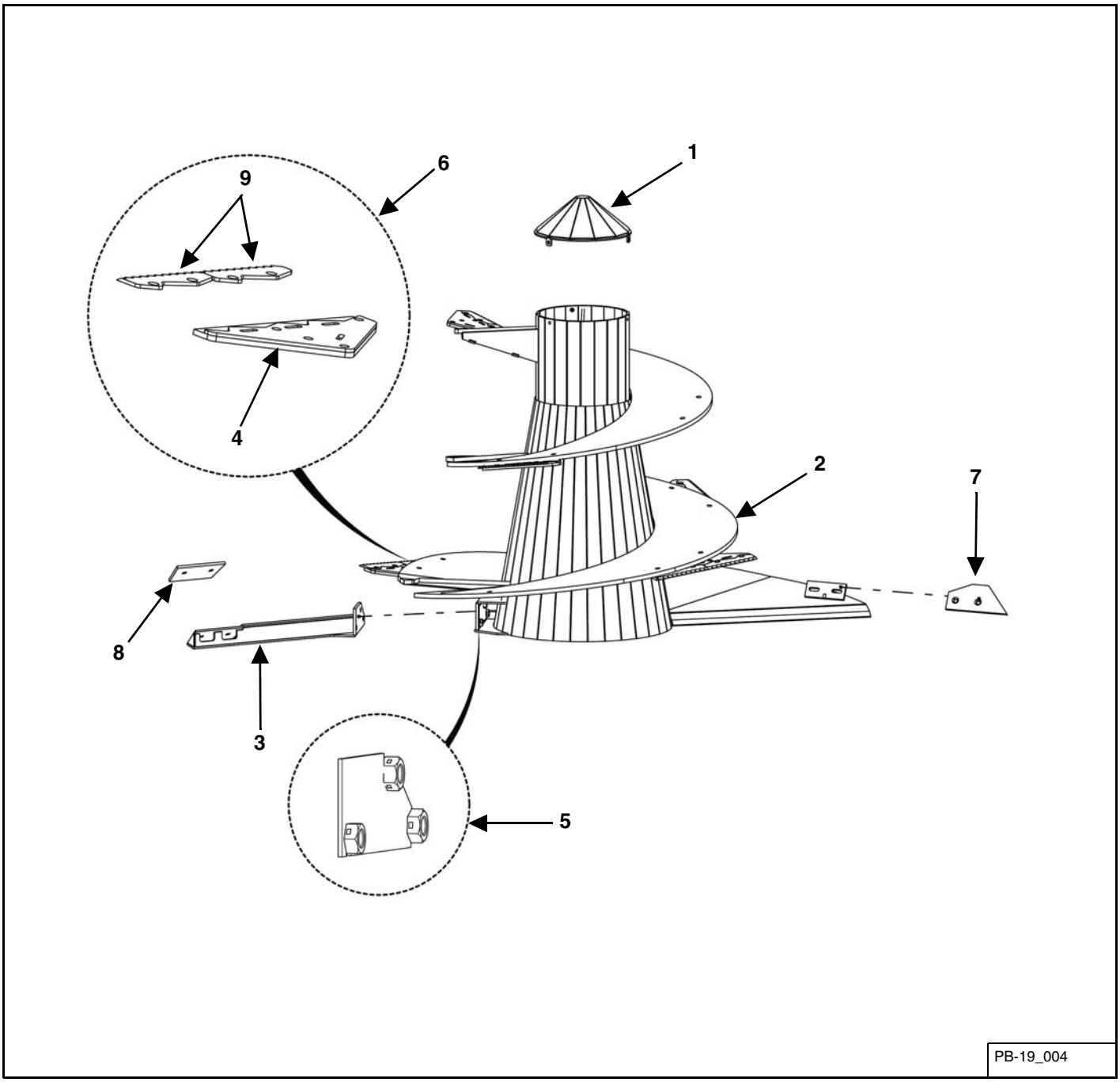
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-2.5-12-1.125-1	1	2-1/2” x 12” x 1-1/8” Hydraulic Cylinder	585 - 1215
2	M6-1-7-0004	1	Rear / Front Door Weldment	585/700
	M6-1-7-0007	1	Left Side Door Weldment	585/700
	M6-1-7-0009	1	Right Side Door Weldment	585/700
	M6-1-8-0005	1	Rear / Front Door Weldment	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 SN 18VM(0585201, 0700202)	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

DOOR HYDRAULIC SCHEMATIC

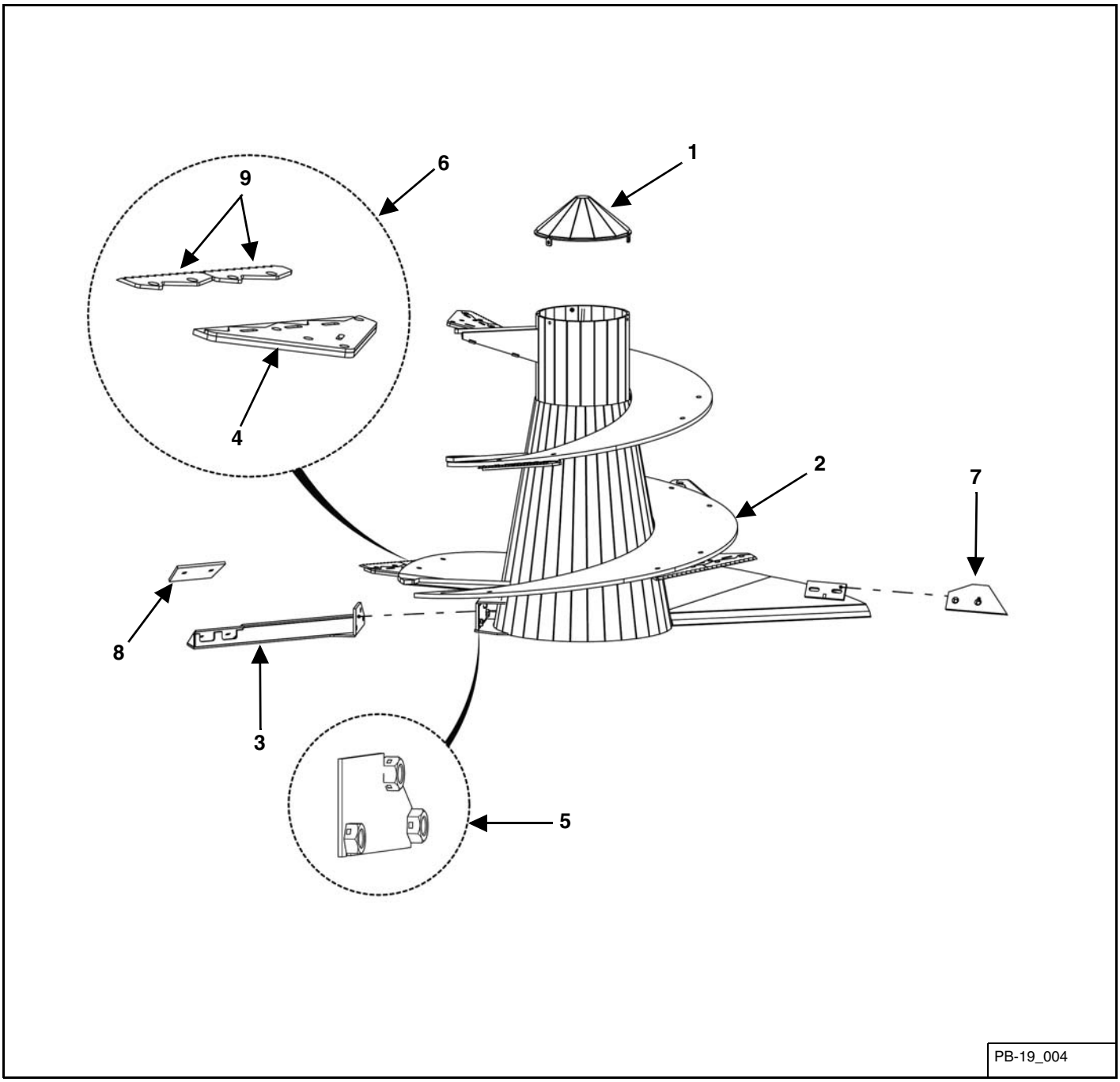


KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-6400-6-8	2	Male Straight Connector	585 - 1215
2	155-6500-06-06	2	Adjustable 90°	585 - 1215
3	155-04R17-121-1	1	1/4 x 121” Hose Assembly (Front Door)	585/700
	155-04R17-70-1	1	1/4 x 70” Hose Assembly (Front Door)	815 - 1215
	155-04R17-173-1	1	1/4 x 173” Hose Assembly (Front Left Side Door)	815 - 1215
	155-04R17-40-2	1	1/4 x 40” Hose Assembly (Front Right Side Door)	815 - 1215
	155-04R17-319-1	1	1/4 x 319” Hose Assembly (Rear Left Side Door)	815 - 1215
	155-04R17-319-1	1	1/4 x 319" Hose Assembly (Optional Rear Door Equipped With Front Door)	815 - 1215
	155-04R17-304-1	1	1/4 x 304” Hose Assembly (Optional Rear Door Equipped With Side Door)	815 - 1215
4	155-04R17-106-1	1	1/4 x 106” Hose Assembly (Front Door)	585/700
	155-04R17-52-1	1	1/4 x 52” Hose Assembly (Front Door)	815 - 1215
	155-04R17-162-1	1	1/4 x 162” Hose Assembly (Front Left Side Door)	815 - 1215
	155-04R17-28-1	1	1/4 x 28” Hose Assembly (Front Right Side Door)	815 - 1215
	155-04R17-304-1	1	1/4 x 304” Hose Assembly (Rear Left Side Door)	815 - 1215
	155-04R17-304-1	1	1/4 x 304” Hose Assembly (Optional Rear Door Equipped With Front Door)	815 - 1215
	155-04R17-289-1	1	1/4 x 289” Hose Assembly (Rear Door Equipped With Side Door)	815 - 1215
5	155-6801-6-8	2	Male Adjustable 90°	585 - 1215
6	155-2.5-12-1.125-1	1	2-1/2 x 12 x 1-1/8” Hydraulic Cylinder	585 - 1215

AUGER



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
	M5-1-10-0002	2	Auger Assembly, Complete With Knives, Backer & Hardware	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	1015C
	M5-1-12-0001-1	2	Auger Weldment	1215
3	M5-1-7-0002	2	Kicker Weldment	585/700
	M5-1-8-0003	2	Kicker Weldment	815/1015/1215
	881-6311-1.75Z	3 per	5/8”-11 x 1-3/4” Bolt	585 - 1215
4	M11-1-0002	10	Knife Backer Weldment Prior to SN 17VM(0585217,0700208, 0815202)	585/700/815
	M11-1-0011	10	Knife Backer Weldment SN 17VM(0585217, 0700208, 0815202) Through SN 18VM(0585229, 0700208, 0815206)	585/700/815
	M11-1-0040	10	Knife Backer Weldment SN 18VM(0585230, 0700209, 0815207)& Later	585/700/815
	M11-1-0027	10	HD Knife Backer Weldment Prior to SN 18VM(0585230, 0700209, 0815207)	585/700/815
	M11-1-0041	10	HD Knife Backer Weldment SN 18VM(0585230, 0700209, 0815207)& Later	585/700/815
	M11-1-0002	12	Knife Backer Weldment Prior to SN 17VM(1015206, 1215204)	1015/1215
	M11-1-0011	12	Knife Backer Weldment SN 17VM(1015206,1215204) Through SN 18VM(1015206, 1215204)	1015/1215
	M11-1-0040	12	Knife Backer Weldment SN 18VM(1015207, 1215205)& Later	1015/1215
	M11-1-0027	12	HD Knife Backer Weldment Prior to SN 18VM(1015207, 1215205)	1015/1215
	M11-1-0041	12	HD Knife Backer Weldment SN 18VM(1015207, 1215205)& Later	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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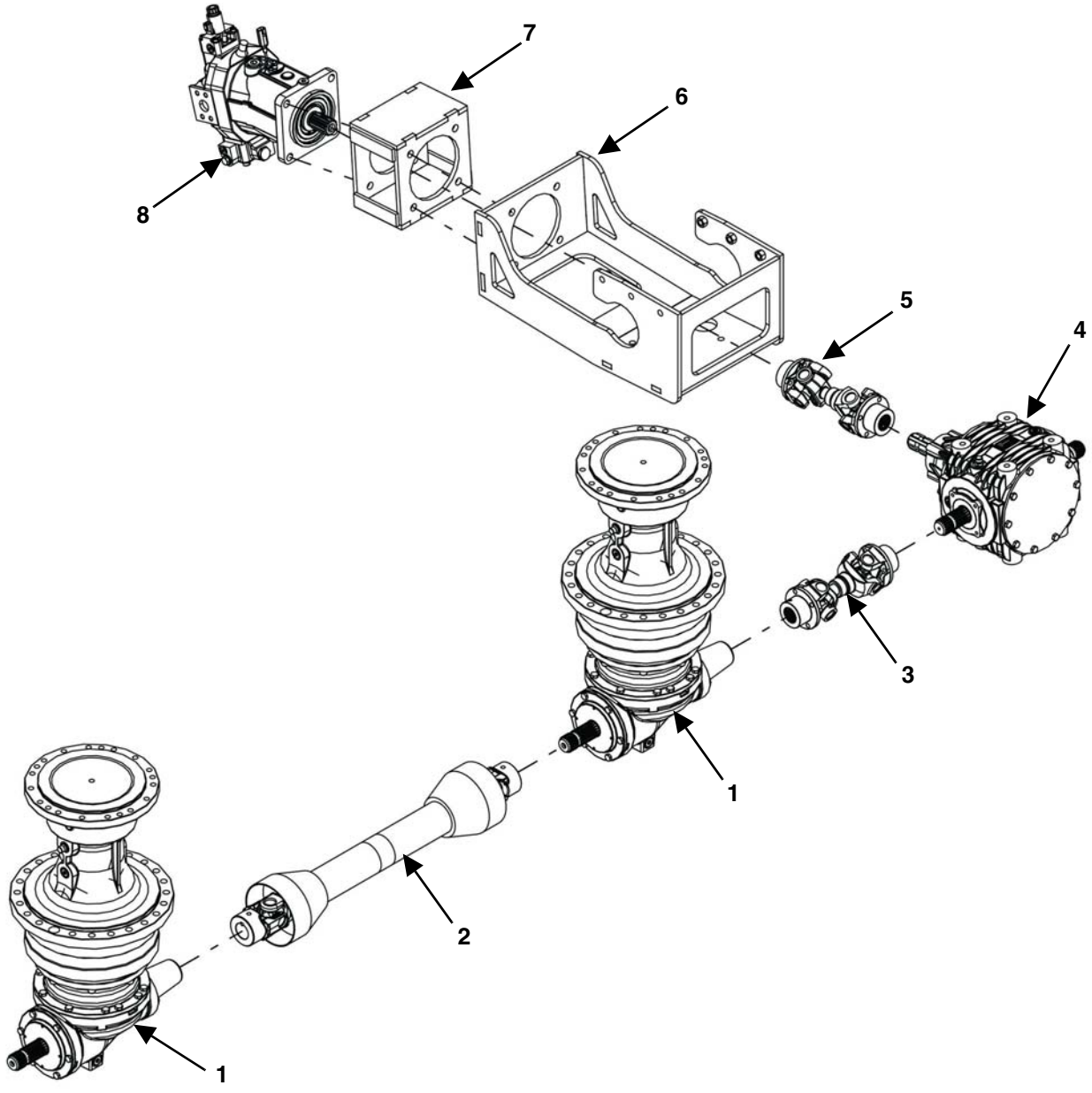
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
5	M5-1-8-0007	2	Auger Kicker Nut Holder Weldment	585 - 1215
6	M11-1-0013-K	10	Mixer Knife Assembly (Includes Knives, Backers & Hardware)	585/700/815
	M11-1-0027-K	10	Mixer HD Knife Assembly (Includes Knives, Backers &Hardware)	585/700/815
	M11-1-0040-K	12	Mixer Knife Assembly (Includes Knives, Backers & Hardware)	1015/1215
	M11-1-0027-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	M11-1-0013-K	AR	Mixer Knife Assembly (Includes Knives, Backers & Hardware) Prior to SN 17VM(0585217, 0700208, 0815202, 1015206, 1215204)	585 - 1215
	M11-1-0042-K	AR	One Blade With Hardware SN 17VM(0585217, 0700208, 0815202, 1015206, 1215204) & Later	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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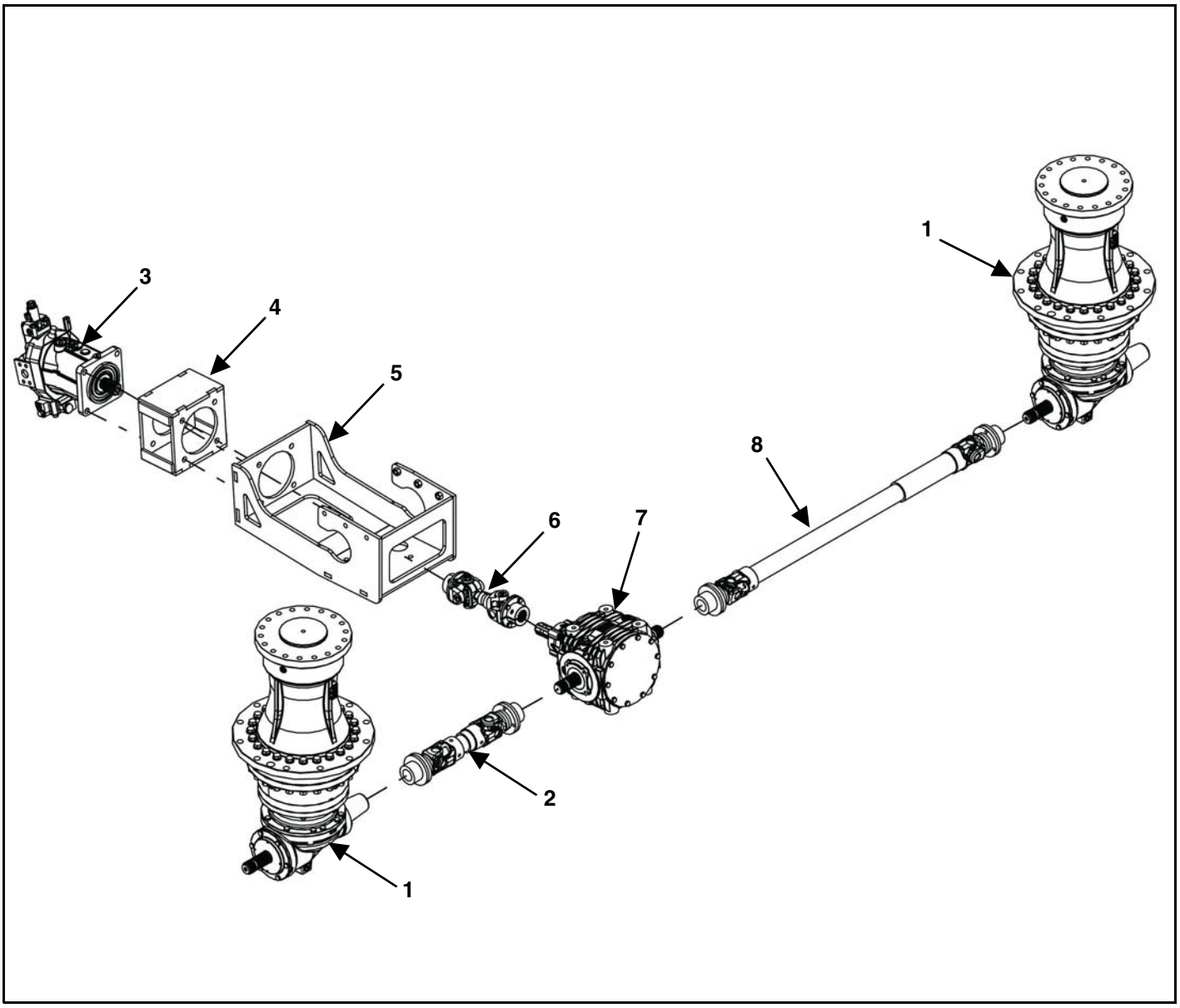
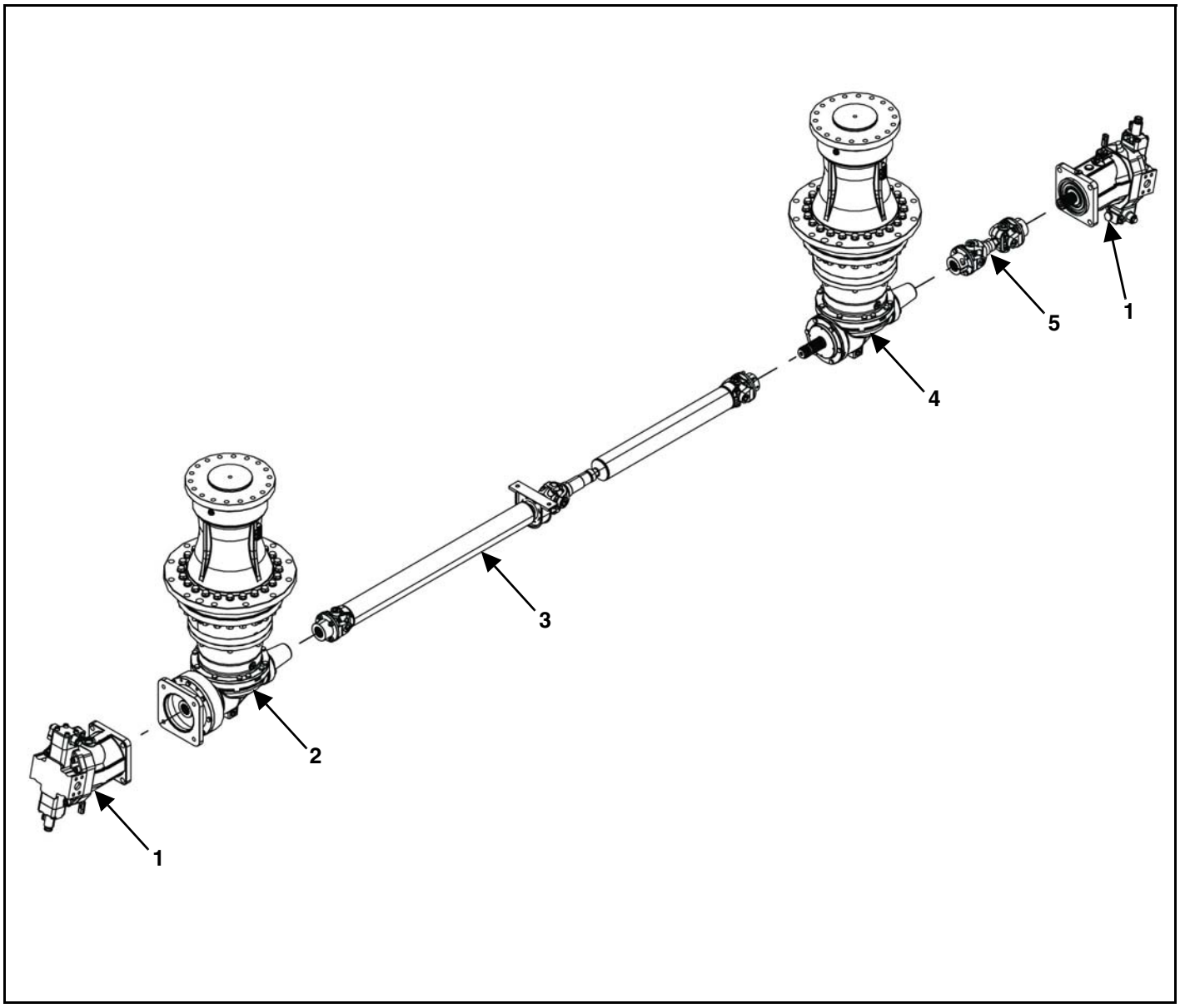
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	See Page 102	2	Planetary	585/700
2	See Page 126	1	1-3/4-20 Spline PTO Complete	585/700
3	See Page 127	1	1410 Short Coupled Universal Assembly	585/700
4	See Page 100	1	Right Angle T-Gearbox	585/700
5	See Page 128	1	1410 Short Coupled Universal Assembly	585/700
6	M2-1-8-0016	1	Right Angle T-Gearbox Mount Weldment	585/700
7	M2-1-8-0017	1	Right Angle T-Gearbox Mount Bracket Weldment	585/700
8	155-M-HYDR-3-3	1	Hydraulic Motor	585/700

DRIVELINE MODELS 815/1015



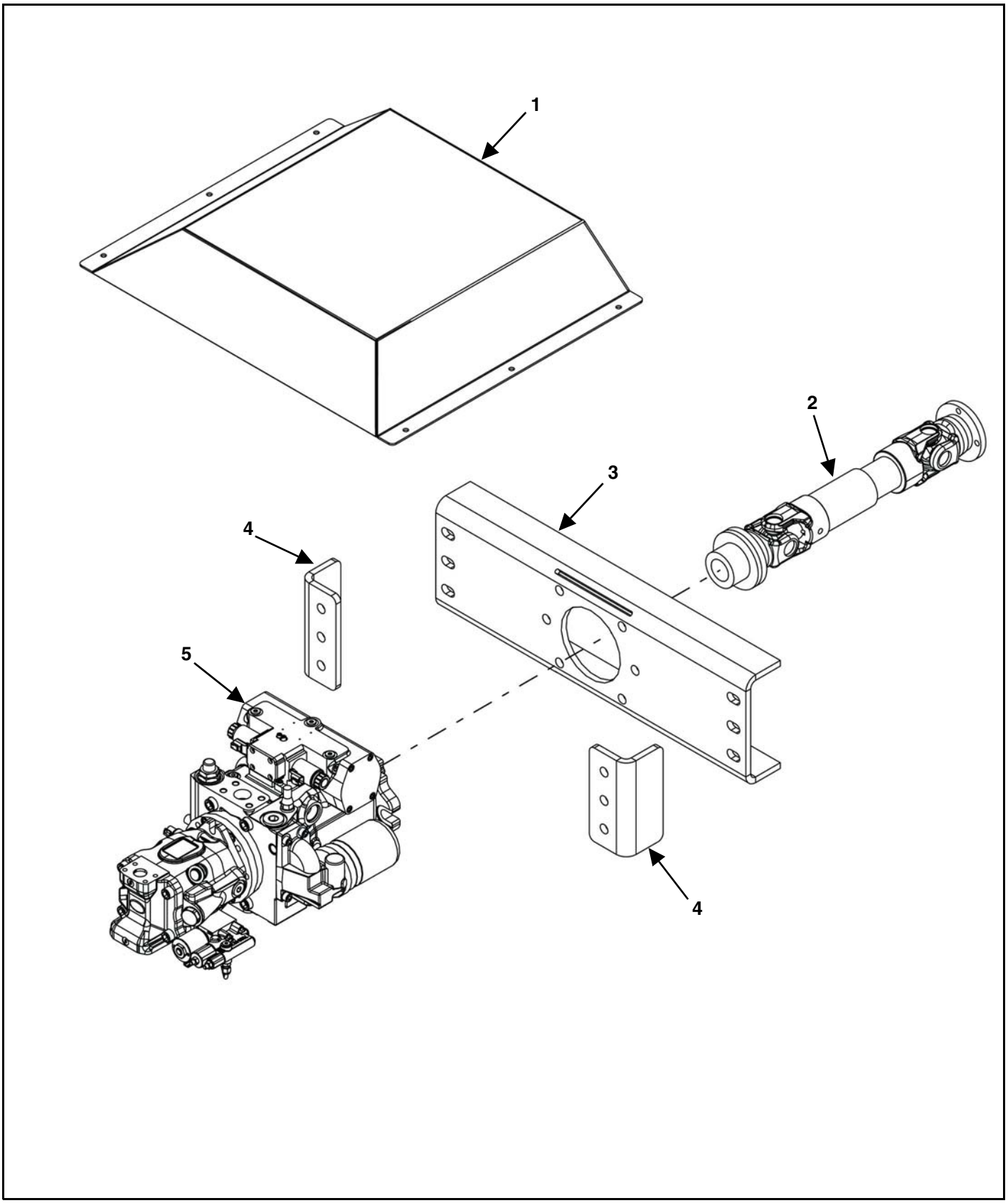
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	See Page 102	2	Planetary	815/1015
2	See Page 129	1	1410 Short Coupled Universal Assembly	815/1015
3	155-M-HYDR-3-3	1	Hydraulic Motor	815/1015
4	M2-1-8-0017	1	Right Angle T-Gearbox Mount Bracket Weldment	815/1015
5	M2-1-8-0016	1	Right Angle T-Gearbox Mount Weldment	815/1015
6	See Page 128	1	1410 Short Coupled Universal Assembly	815/1015
7	See Page 100	1	Right Angle T-Gearbox	815/1015
8	See Page 130	1	1410 Driveline Universal Assembly	815/1015

DRIVELINE MODELS 1015C/1215



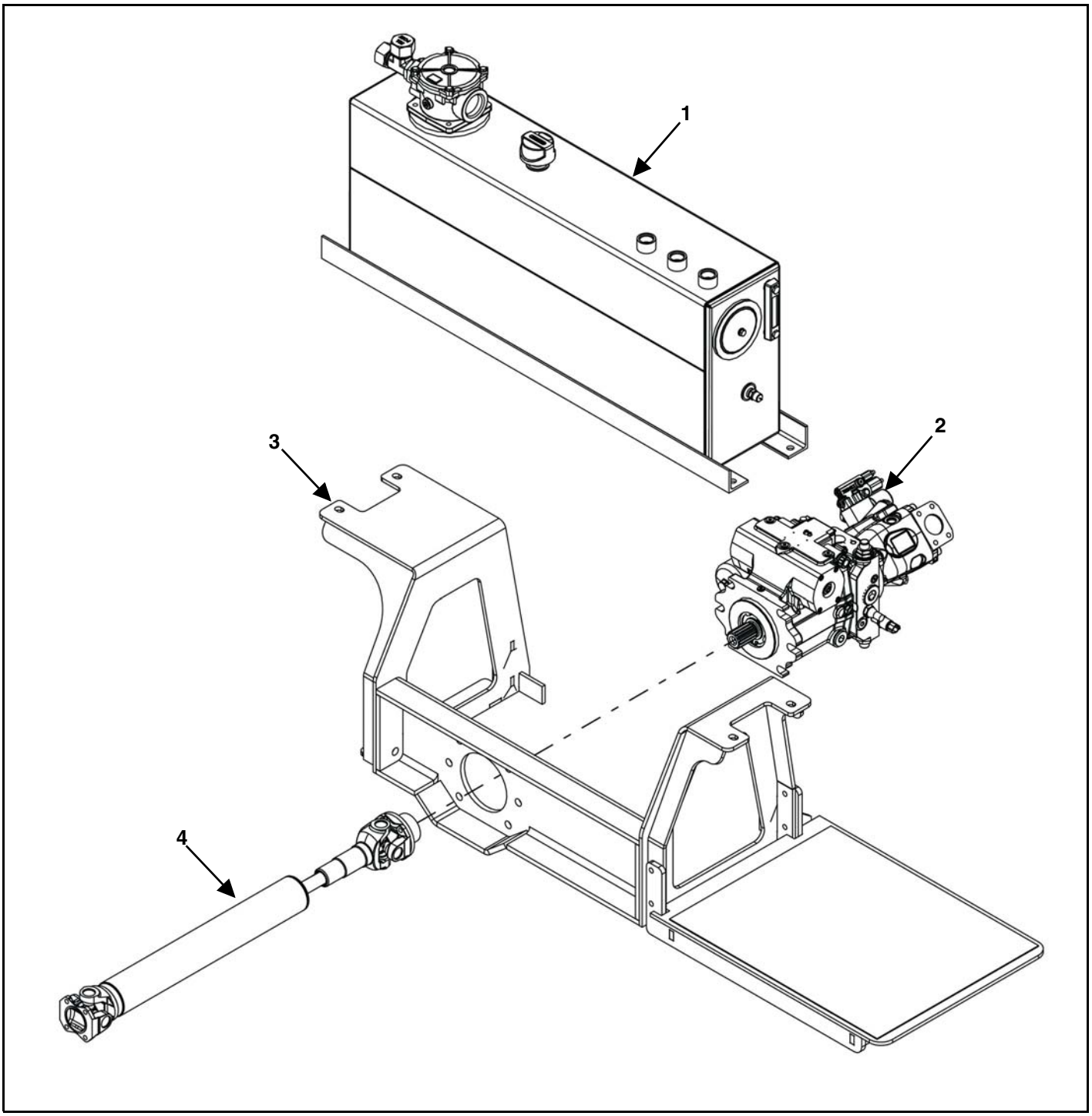
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-M-HYDR-3-3	2	Hydraulic Motor	1015C/1215
2	See Page 106	1	Planetary	1015C/1215
3	118-VM-0001-1410-5	1	1410 Driveline Universal Assembly	1015C/1215
4	See Page 104	1	Planetary	1015C/1215
5	See Page 131	1	1410 Short Coupled Universal Assembly	1015C/1215

FEPTO HYDRAULIC PUMP



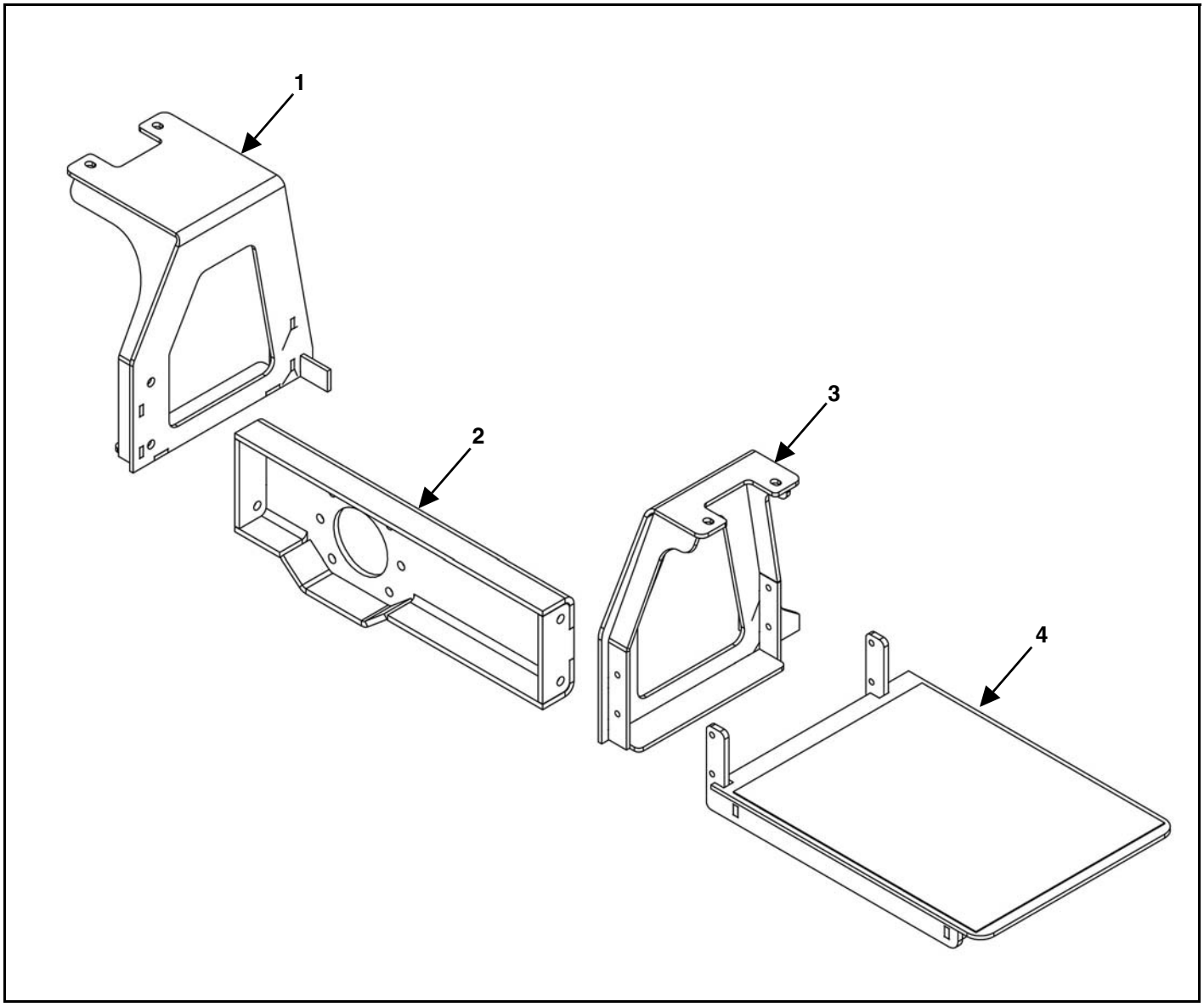
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	Call 1-800-325-9103	1	Pump Shield	585 - 1215
2	Call 1-800-325-9103	1	1410 Driveline Assembly	585 - 1215
3	Call 1-800-325-9103	1	Pump Mount	585 - 1215
4	M11-10-0003	2	Pump Mount Bracket	585 - 1215
5	155-M-HYDR-3-2	1	CCW Rotating Hydrostatic Pump	585 - 1215
	155-M-H-3-12-1	1	Filter	585 - 1215

REPTO HYDRAULIC PUMP



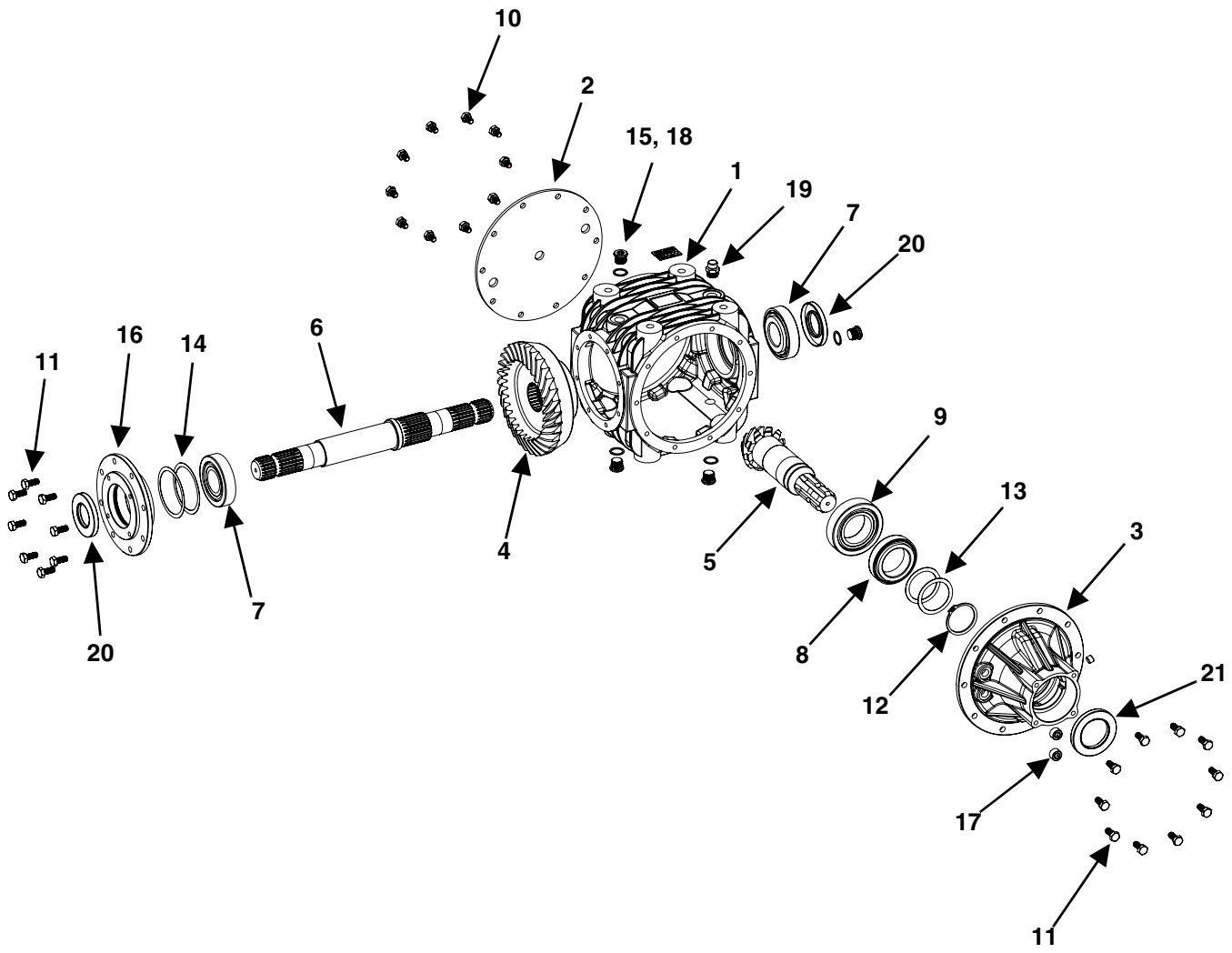
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	See Page 125	1	Reservoir Assembly	585 - 1215
2	155-M-HYDR-3-12	1	CW Rotating Hydrostatic Pump	585 - 1215
	155-M-HYDR-3-2	1	CCW Rotating Hydrostatic Pump	585 - 1215
	155-M-H-3-12-1	1	Filter	585 - 1215
3	See Page 99	1	Reservoir Mount	585 - 1215
4	Call 1-800-325-9103	1	1410 Driveline Assembly	585 - 1215

RESERVOIR MOUNT
(EXCLUDING SN 15VM081515203, 15VM1015203 & 17VM0815207)



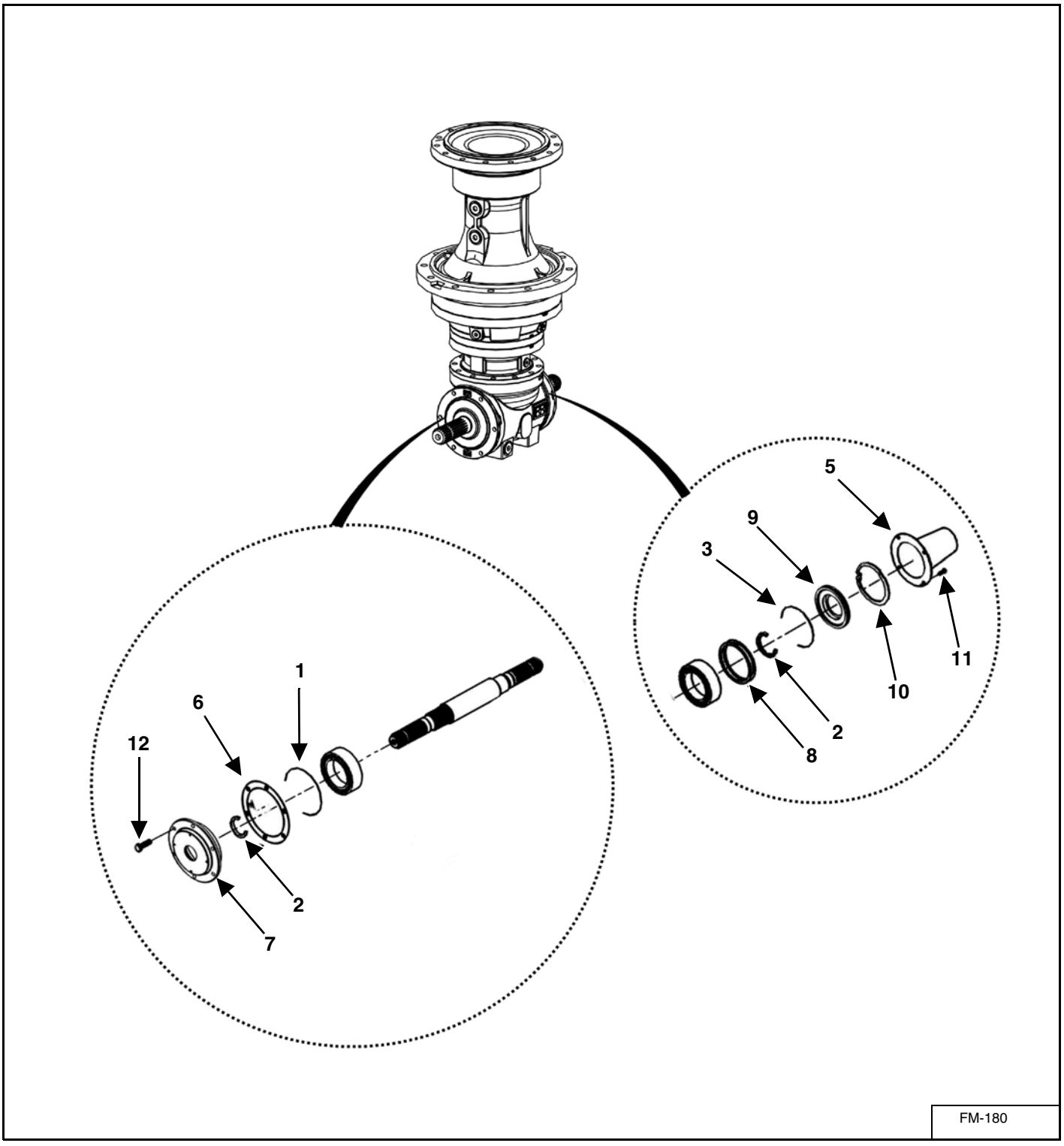
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M11-12-0009-2	1	Right Reservoir Mount Weldment	585 - 1215
2	M11-12-0009-3	1	REPTO Mount Weldment	585 - 1215
	M11-12-0009-6	1	REPTO Mount Weldment (SN 19VM1215208 Only)	1215
3	M11-12-0009-1	1	Left Reservoir Mount Weldment	585 - 1215
4	M11-12-0010	1	Reservoir Mount Step Weldment	585 - 1215

RIGHT ANGLE T-GEARBOX MODELS 585 - 1015



Use 75W90 Synthetic Oil Only.
Capacity 80-90 oz.

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	119-MB165-3.1-1	1	Right Angle T-Gearbox Assembly	585 - 1015
1	119-MB165-1	1	Housing	585 - 1015
2	119-MB165-2	1	Cover	585 - 1015
3	119-MB165-3	1	Bearing Housing	585 - 1015
4	119-MB165-4	1	Gear	585 - 1015
5	119-MB165-5	1	Pinion	585 - 1015
6	119-MB165-6	1	Output Shaft	585 - 1015
7	119-MB165-7	2	Bearing	585 - 1015
8	119-MB165-8	1	Bearing	585 - 1015
9	119-MB165-9	1	Bearing	585 - 1015
10	119-2SP-GB-17	10	Hex Head Bolt	585 - 1015
11	119-MB165-10	18	Hex Head Bolt	585 - 1015
12	119-MB165-11	1	Snap Ring	585 - 1015
13	119-MB165-12	2	Washer	585 - 1015
14	119-MB165-13	2	Spacer	585 - 1015
15	119-MB165-14	4	Copper Seal Washer	585 - 1015
16	119-MB165-15	1	Side Flange	585 - 1015
17	119-MB165-16	2	Hex Socket Screw Plug	585 - 1015
18	119-MB165-17	4	Hex Socket Screw Plug	585 - 1015
19	119-2SP-GB-42	1	Cone Breather Plug	585 - 1015
20	119-MB165-18	2	Shaft Seal	585 - 1015
21	119-MB165-19	1	Input Shaft Seal	585 - 1015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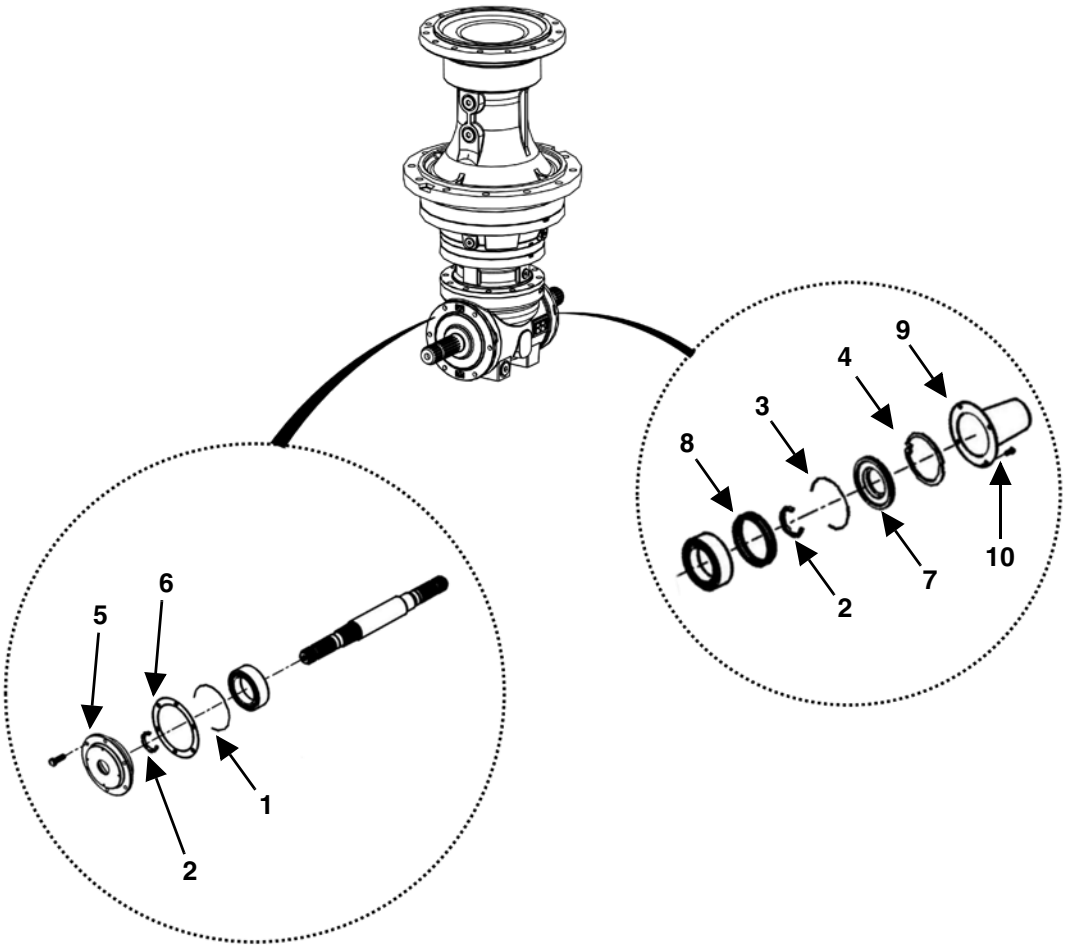
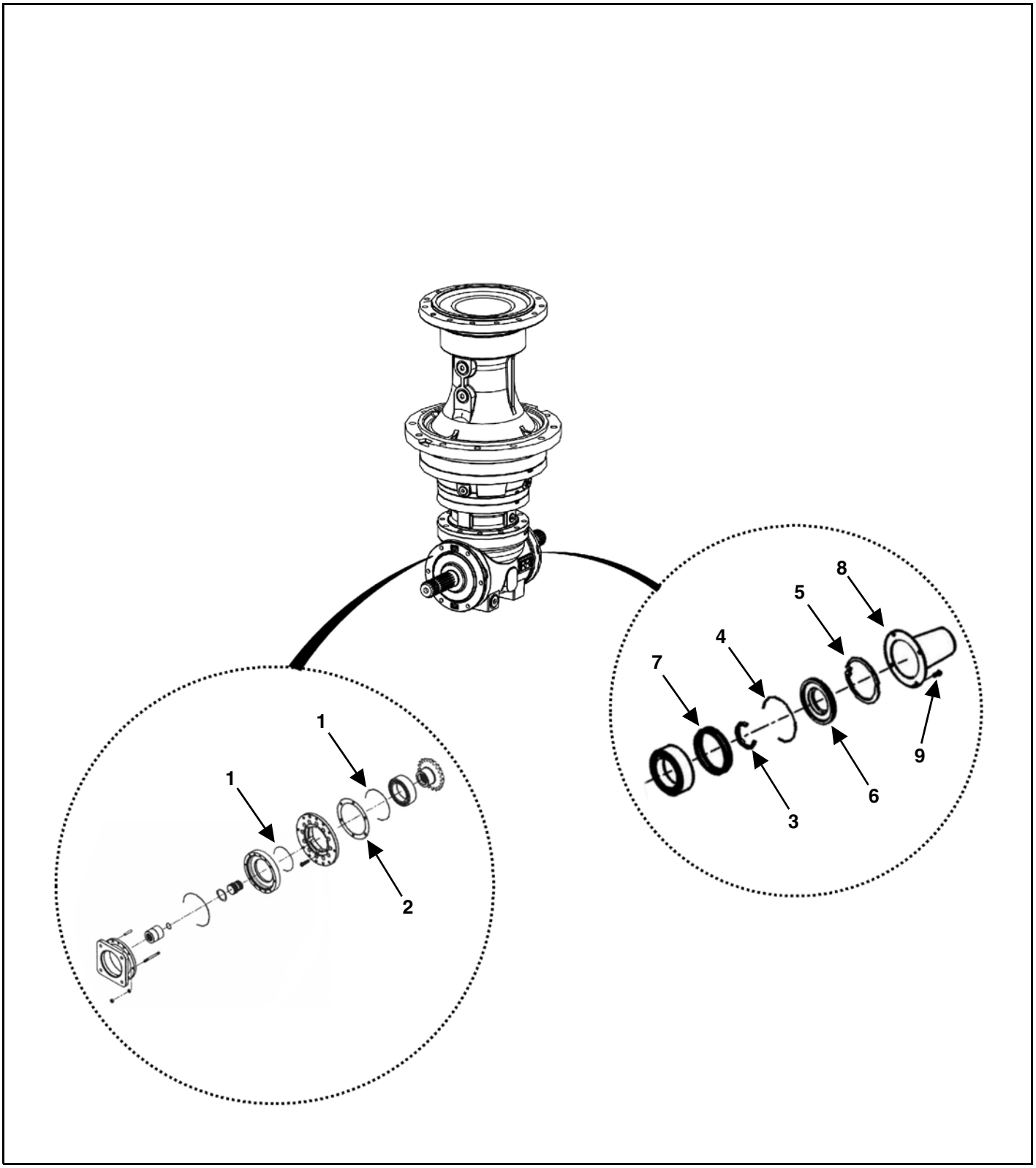
FM-180

KEY	PART NUMBER	QTY	DESCRIPTION
1	119-P-RR-5	1	O-Ring
2	119-P-RR-6	2	Oil Seal
3	119-P-RR-7	1	O-Ring
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



FM-185

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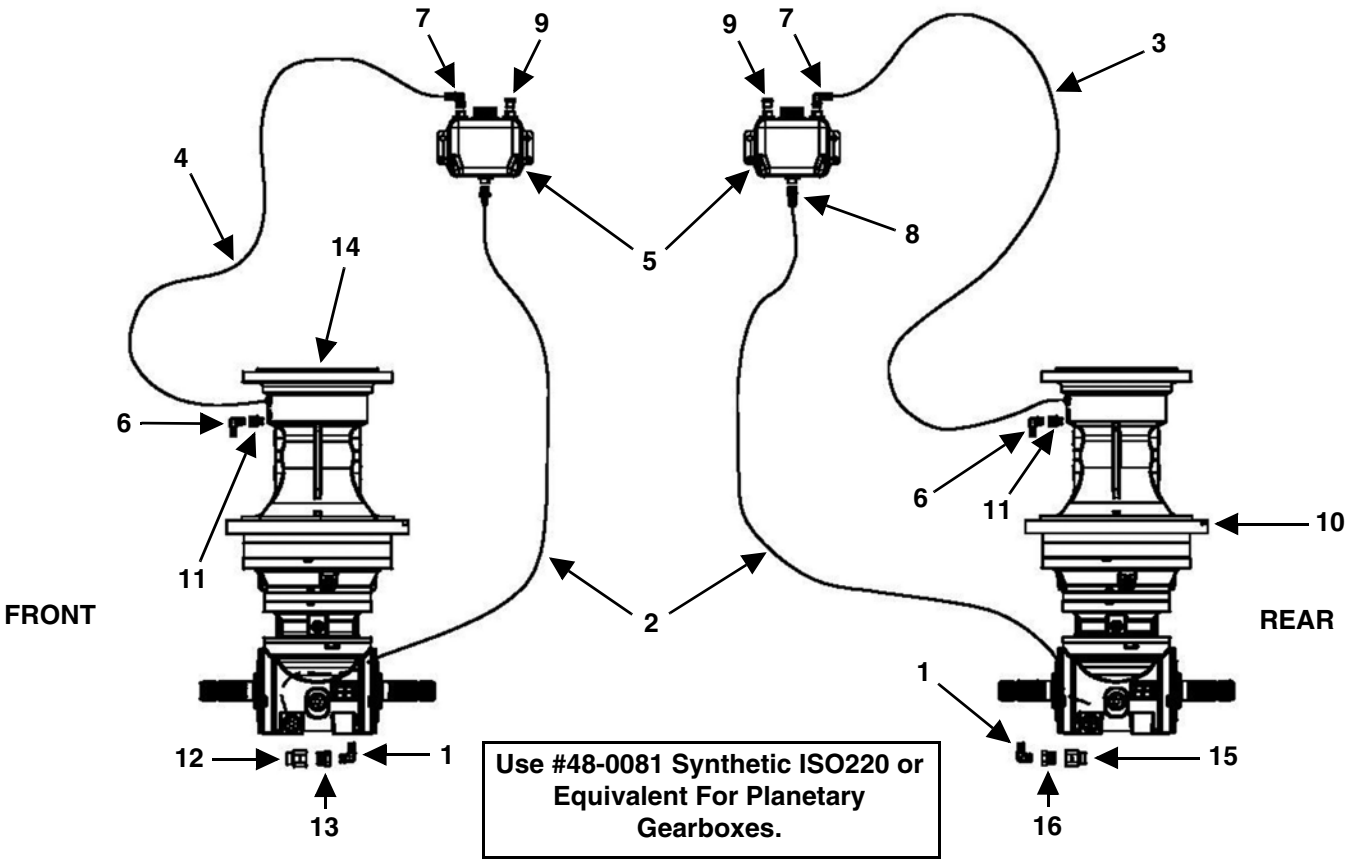
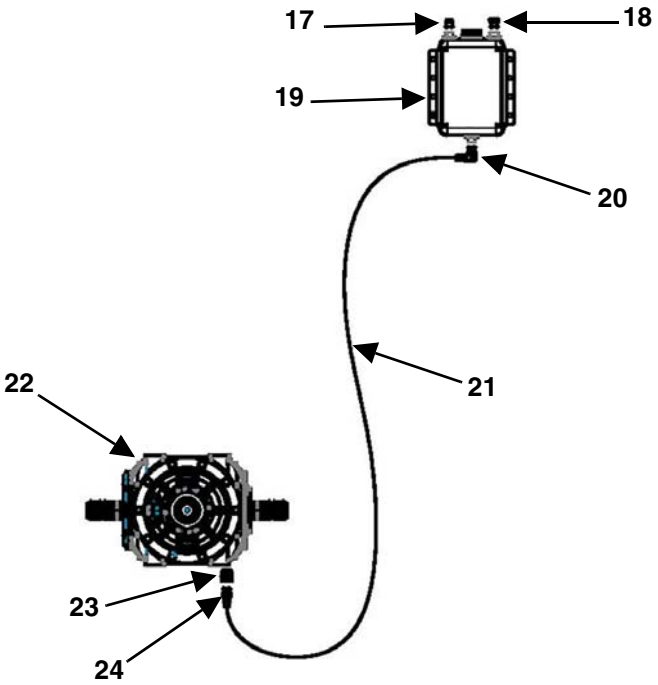
KEY	PART NUMBER	QTY	DESCRIPTION
1	119-P-RR-5	2	O-Ring
2	119-P-RR-14	1	Thickness Kit
3	119-P-RR-6	2	Oil Seal
4	119-P-RR-7	1	O-Ring
5	119-P-RR-18	1	Snap Ring
6	119-P-RR-17	1	Cover
7	119-P-RR-16	1	Thickness Kit
8	119-P-RR-13	1	Shaft Protection Shield
9	851-M5-.8-10-YZ	4	Cap Screw

HOSE FITTING HYDRAULIC SYSTEM

Planetary Gearbox

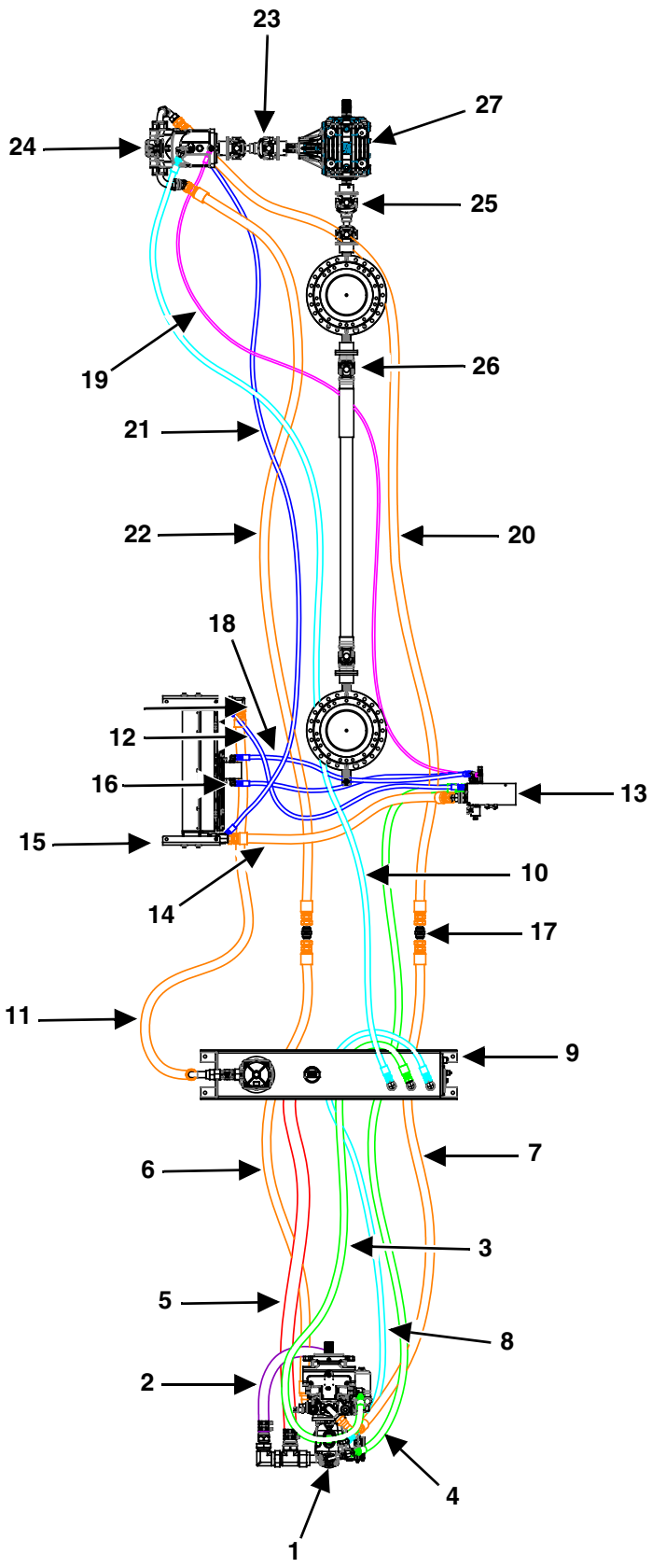


Right Angle T-Gearbox



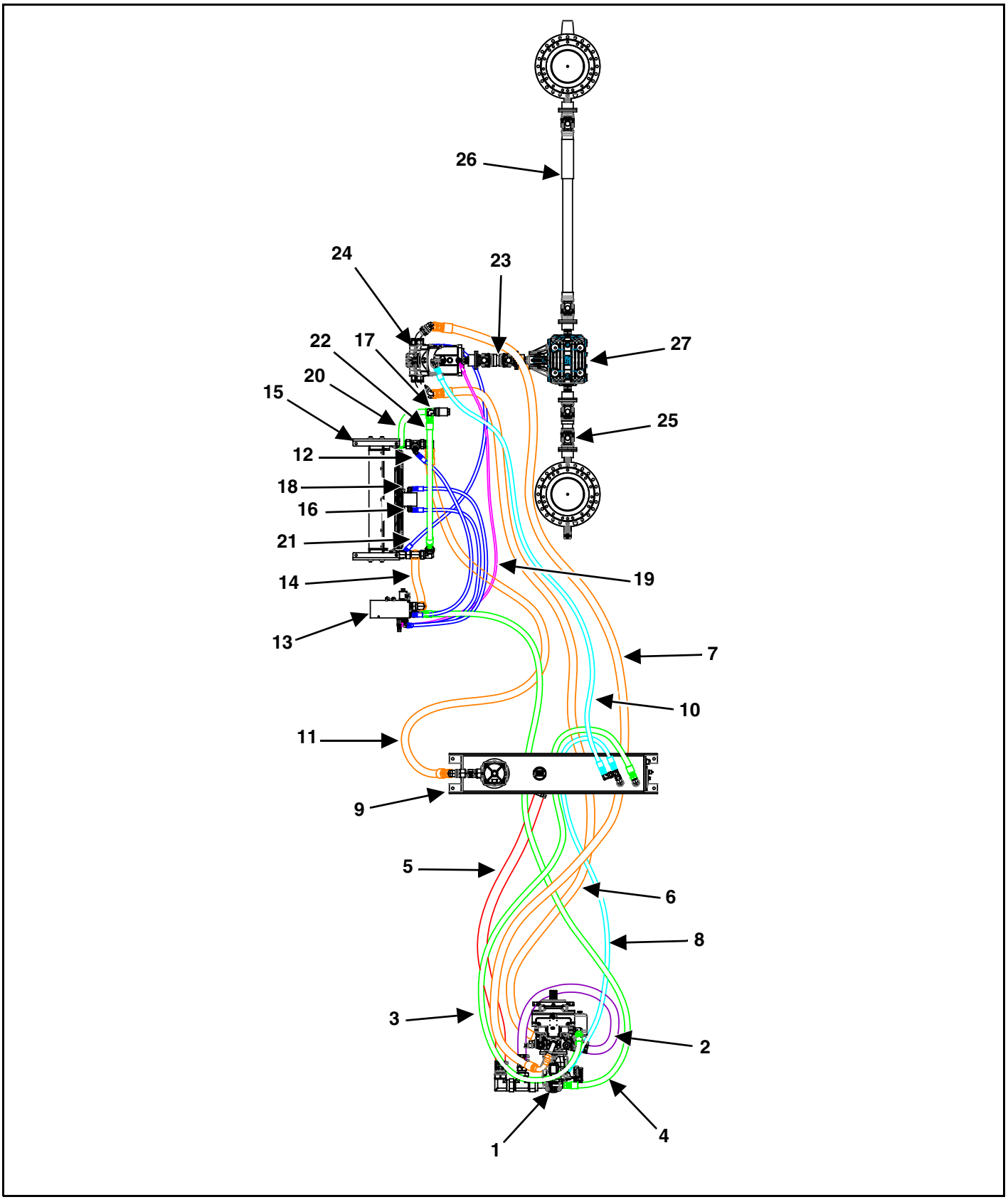
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	55-0406	2	1/2” x 1/2” BRS 90° Elbow Barb	585 - 1215
2	155-2231-08	108”	1/2” ID x 3/4” OD Push On Hose, Rear (2 Places)	585/700
	155-2231-08	130”	1/2” ID x 3/4” OD Push On Hose, Rear (2 Places)	815 - 1215
3	155-2231-08	121”	1/2” ID x 3/4” OD Push On Hose	585/700
	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 90° Elbow Barb	1015C/1215
7	55-0404	2	1/2” x 3/8” BRS 90° Elbow Barb	585 - 1215
8	55-0405	2	1/2” x 3/8” BRS MA Barb Hose	585 - 1215
9	55-0307	2	Breather Vent 3/8" Pipe x 11/16" Hex 150 PSI	585 - 1215
10	See Page 102	1	Planetary	585 - 1015
	See Page 104	1	Planetary	1015C/1215
11	155-PB4-4	2	4NPT FEM x 4BSPP Adapter With BSP Bonded Seal	585 - 1015
	155-PB06-06	2	6NPT FEM - 6BSPP Adapter With BSP Bonded Seal	1015C/1215
12	155-PB12-12	2	12NPT FEM x 12BSPP Adapter W/BSP Bonded Seal	585 - 1215
13	55-0044	1	12MP-08FP Straight Adaptor	585 - 1215
14	See Page 102	1	Planetary	585 - 1015
	See Page 106	1	Planetary	1015C/1215
15	155-PB12-12	1	12NPT FEM x 12BSPP Adapter W/BSP Bonded Seal	585 - 1015
	155-PB08-08	1	12NPT FEM x 12BSPP Adapter W/BSP Bonded Seal	1015C/1215
16	55-0044	1	12MP-08FP Straight Adaptor	585 - 1015
17	955-3809	1	3/8” Square Plug	585 - 1015
18	55-0307	1	3/8” Breather Vent	585 - 1015
19	952-0004	1	4 QT Plastic Tank With Vented Cap	585 - 1015
20	55-0404	1	1/2” x 3/8” BRS 90° Elbow Barb	585 - 1015
21	155-2231-08	32”	1/2” ID x 3/4” OD Push On Hose	585 - 1015
22	See Page 100	1	Right Angle T-Gearbox	585 - 1015
23	155-5406-08-06	1	08MP-06FP Straight Adaptor	585 - 1015
24	55-0405	1	1/2” x 3/8” BRS MA Barb Hose	585 - 1015
NS	32-0048	AR	Hose Clamps	585 - 1215

FEPTO HYDRAULIC SCHEMATIC MODELS 585/700



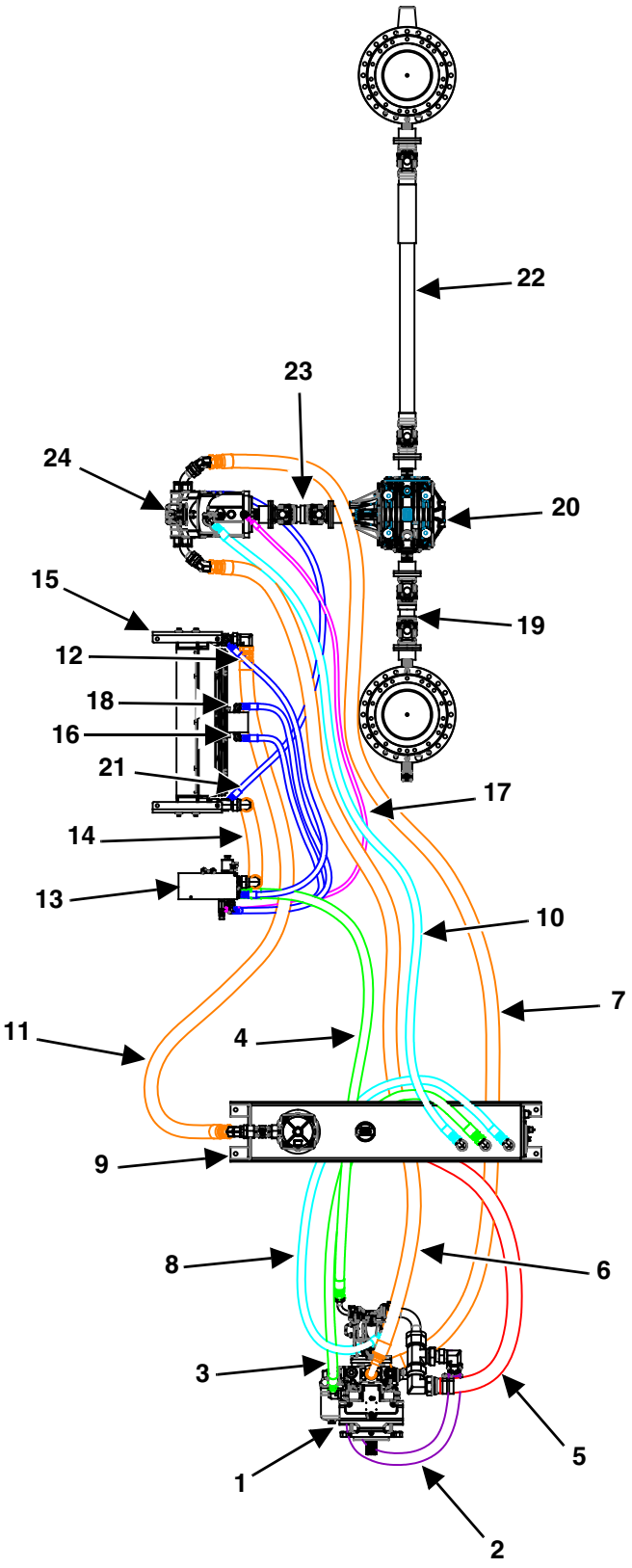
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	See Page 96	1	Hydrostat Pump Assembly	585/700
	155-M-H-3-12-1	1	Filter	585/700
2	Call 1-800-325-9103	1	S Port On Piston Pump To S Port On Auxiliary Pump	585/700
3	Call 1-800-325-9103	1	T1 Port On Piston Pump To D2 Port On Reservoir	585/700
4	Call 1-800-325-9103	1	B Port On Auxiliary Pump To P Port On Manifold	585/700
5	Call 1-800-325-9103	1	S Port On Auxiliary Pump To Pump Supply Port On Reservoir	585/700
6	Call 1-800-325-9103	1	A Port On Piston Pump To A Port On Motor	585/700
7	Call 1-800-325-9103	1	B Port On Piston Pump To B Port On Motor	585/700
8	Call 1-800-325-9103	1	Case Drain Port On Auxiliary Pump To D1 Port On Reservoir	585/700
9	See Page 125	1	Custom Reservoir	585/700
10	Call 1-800-325-9103	1	D3 Port On Reservoir To T1 Port On Front Motor	585/700
11	155-20R12-163-1	1	1-1/4” x 163” Hose	585/700
12	155-08R17-57-1	1	1/2” x 57” Hose	585/700
13	See Page 122	1	Manifold Assembly	585/700
14	155-20R12-56-1	1	1-1/4” x 56” Hose	585/700
15	See Page 124	1	Heat Exchanger	585/700
16	155-08R17-57-1	1	1/2” x 57” Hose	585/700
17	155-2403-20-20	1	Straight Coupler	585/700
18	155-08R17-57-1	1	1/2” x 57” Hose	585/700
19	155-04R17-162-1	1	1/4” x 162” Hose	585/700
20	155-20R13-211-1	1	1-1/4” x 211” Hose	585/700
21	155-08R17-184-1	1	1/2” x 184” Hose	585/700
22	155-20R13-183-1	1	1-1/4” x 183” Hose	585/700
23	See Page 128	1	1410 Short Coupled Universal Assembly	585/700
24	155-M-HYDR-3-3	1	Hydraulic Motor	585/700
25	See Page 127	1	1410 Short Coupled Universal Assembly	585/700
26	See Page 126	1	1-3/4-20 Spline PTO Complete	585/700
27	See Page 100	1	Right Angle T-Gearbox	585/700
	Call 1-800-325-9103	AR	Hydraulic Fittings	

FEPTO HYDRAULIC SCHEMATIC MODELS 815/1015
(CALL FACTORY 1-800-325-9103 PRIOR TO 2017 MODEL YEAR)



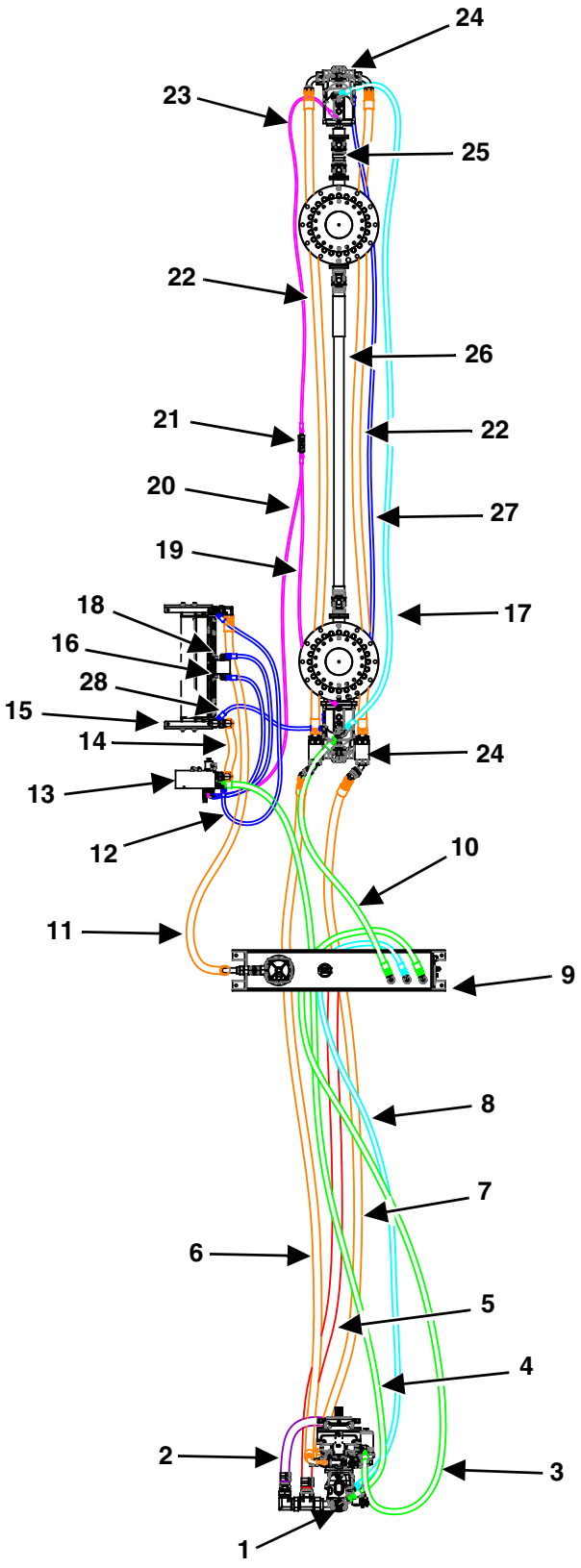
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	See Page 96	1	Hydrostat Pump Assembly	815/1015
	155-M-H-3-12-1	1	Filter	815/1015
2	Call 1-800-325-9103	1	S Port On Piston Pump To S Port On Auxiliary Pump	815/1015
3	Call 1-800-325-9103	1	T1 Port On Piston Pump To D1 Port On Reservoir	815/1015
4	Call 1-800-325-9103	1	B Port On Auxiliary Pump To P Port On Manifold	815/1015
5	Call 1-800-325-9103	1	S Port On Auxiliary Pump To Pump Supply Port On Reservoir	815/1015
6	Call 1-800-325-9103	1	A Port On Piston Pump To A Port On Motor	815/1015
7	Call 1-800-325-9103	1	B Port On Piston Pump To B Port On Motor	815/1015
8	Call 1-800-325-9103	1	Case Drain Port On Auxiliary Pump To D2 Port On Reservoir	815/1015
9	See Page 125	1	Custom Reservoir	815/1015
10	Call 1-800-325-9103	1	D3 Port On Reservoir To T1 Port On Front Motor	815/1015
11	155-20R12-110-1	1	1-1/4” x 110” Hose	815/1015
12	155-08R17-57-1	1	1/2” x 57” Hose	815/1015
13	See Page 120	1	Manifold Assembly (Prior To SN 17VM0815208, 18VM1015202)	815/1015
	See Page 122	1	Manifold Assembly (SN 17VM0815208, 18VM1015202 & Later)	815/1015
14	155-20R12-39-1	1	1-1/4” x 39” Hose	815/1015
15	See Page 124	1	Heat Exchanger	815/1015
16	155-08R17-45-1	1	1/2” x 45” Hose	815/1015
17	NA	1	PO Check Valve (Comes With Cooler Assembly Key # 15)	815/1015
18	155-08R17-50-1	1	1/2” x 50” Hose	815/1015
19	155-04R17-96-2	1	1/4” x 96” Hose	815/1015
20	155-16R17-22-1	1	1” x 22” Hose	815/1015
21	155-08R17-69-1	1	1/2” x 69” Hose	815/1015
22	155-16R17-29-1	1	1” x 29” Hose	815/1015
23	See Page 128	1	1410 Short Coupled Universal Assembly	815/1015
24	155-M-HYDR-3-3	1	Hydraulic Motor	815/1015
25	See Page 129	1	1410 Short Coupled Universal Assembly	815/1015
26	See Page 130	1	1410 Driveline Universal Assembly	815/1015
27	See Page 100	1	Right Angle T-Gearbox	815/1015
	Call 1-800-325-9103	AR	Hydraulic Fittings	

REPTO HYDRAULIC SCHEMATIC MODELS 815/1015
(CALL FACTORY 1-800-325-9103 PRIOR TO 2017 MODEL YEAR)



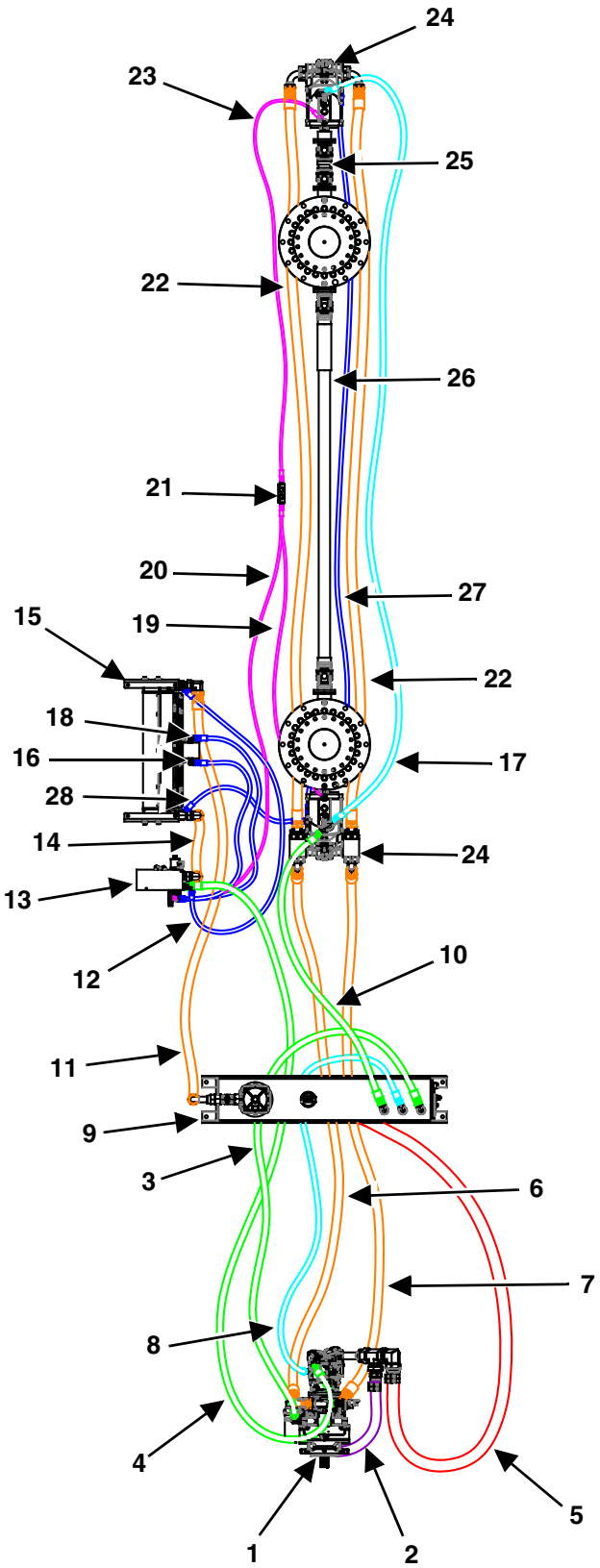
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	See Page 98	1	Hydrostat Pump Assembly	815/1015
	155-M-H-3-12-1	1	Filter	815/1015
2	Call 1-800-325-9103	1	S Port On Piston Pump To S Port On Auxiliary Pump	815/1015
3	Call 1-800-325-9103	1	T1 Port On Piston Pump To D2 Port On Reservoir	815/1015
4	Call 1-800-325-9103	1	B Port On Auxiliary Pump To P Port On Manifold	815/1015
5	Call 1-800-325-9103	1	S Port On Auxiliary Pump To Pump Supply Port On Reservoir	815/1015
6	Call 1-800-325-9103	1	B Port On Piston Pump To A Port On Motor	815/1015
7	Call 1-800-325-9103	1	A Port On Piston Pump To B Port On Motor	815/1015
8	Call 1-800-325-9103	1	Case Drain Port On Auxiliary Pump To D1 Port On Reservoir	815/1015
9	See Page 125	1	Custom Reservoir	815/1015
10	Call 1-800-325-9103	1	D3 Port On Reservoir To T1 Port On Front Motor	815/1015
11	155-20R12-126-1	1	1-1/4” x 126” Hose	815/1015
12	155-08R17-57-1	1	1/2” x 57” Hose	815/1015
13	See Page 120	1	Manifold Assembly (Prior To SN 17VM0815208, 18VM1015202)	815/1015
	See Page 122	1	Manifold Assembly (SN 17VM0815208, 18VM1015202 & Later)	815/1015
14	155-20R12-39-1	1	1-1/4” x 39” Hose	815/1015
15	See Page 124	1	Heat Exchanger	815/1015
16	155-08R17-45-1	1	1/2” x 45” Hose	815/1015
17	155-04R17-102-1	1	1/4” x 102” Hose	815/1015
18	155-08R17-50-1	1	1/2” x 50” Hose	815/1015
19	See Page 129	1	1410 Short Coupled Universal Assembly	815/1015
20	See Page 100	1	Right Angle T-Gearbox	815/1015
21	155-08R17-69-1	1	1/2” x 69” Hose	815/1015
22	See Page 130	1	1410 Driveline Universal Assembly	815/1015
23	See Page 128	1	1410 Short Coupled Universal Assembly	815/1015
24	155-M-HYDR-3-3	1	Hydraulic Motor	815/1015
	Call 1-800-325-9103	AR	Hydraulic Fittings	

FEPTO HYDRAULIC SCHEMATIC MODELS 1015C/1215
(CALL FACTORY 1-800-325-9103 PRIOR TO 2017 MODEL YEAR)



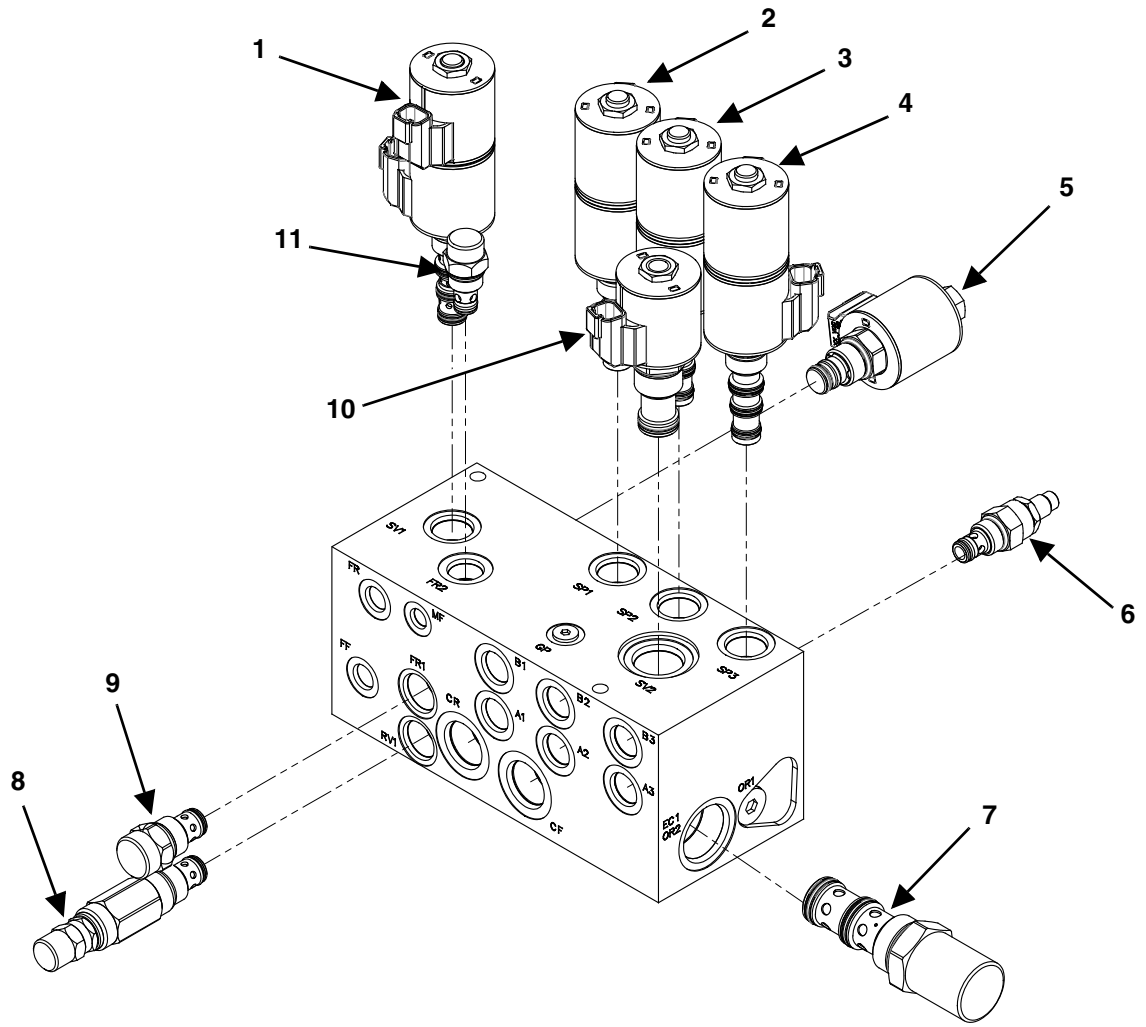
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	See Page 96	1	Hydrostat Pump Assembly	1015C/1215
	155-M-H-3-12-1	1	Filter	1015C/1215
2	Call 1-800-325-9103	1	S Port On Piston Pump To S Port On Auxiliary Pump	1015C/1215
3	Call 1-800-325-9103	1	T1 Port On Piston Pump To D1 Port On Reservoir	1015C/1215
4	Call 1-800-325-9103	1	B Port On Auxiliary Pump To P Port On Manifold	1015C/1215
5	Call 1-800-325-9103	1	S Port On Auxiliary Pump To Pump Supply Port On Reservoir	1015C/1215
6	Call 1-800-325-9103	1	B Port On Auxiliary Pump To B Port On Front Motor	1015C/1215
7	Call 1-800-325-9103	1	A Port On Piston Pump To A Port On Front Motor	1015C/1215
8	Call 1-800-325-9103	1	Case Drain Port On Auxiliary Pump To D2 Port On Reservoir	1015C/1215
9	See Page 125	1	Custom Reservoir	1015C/1215
10	Call 1-800-325-9103	1	D3 Port On Reservoir To T1 Port On Front Motor	1015C/1215
11	155-20R12-170-1	1	1-1/4” x 170” Hose	1015C/1215
12	155-08R17-57-1	1	1/2” x 57” Hose (SN 17VM1215203 Only)	1215
	155-08R17-69-1	1	1/2” x 69” Hose	1015C/1215
13	See Page 120	1	Manifold Assembly (Prior To SN 18VM1015202, 18VM1215203)	1015C/1215
	See Page 122	1	Manifold Assembly (SN 18VM1015202, 18VM1215203 & Later)	1015C/1215
14	155-20R12-39-1	1	1-1/4” x 39” Hose	1015C/1215
15	See Page 124	1	Heat Exchanger	1015C/1215
16	155-08R17-45-1	1	1/2” x 45” Hose	1015C/1215
17	155-12R17-166-1	1	3/4” x 166” Hose	1015C/1215
18	155-08R17-45-1	1	1/2” x 45” Hose (SN 17VM1215203 Only)	1215
	155-08R17-50-1	1	1/2” x 50” Hose	1015C/1215
19	155-04R17-70-1	1	1/4” x 70” Hose	1015C/1215
20	155-04R17-96-2	1	1/4” x 96” Hose	1015C/1215
21	155-M-HYDR-3-8	1	Dual Flushing Manifold	1015C/1215
22	155-20R13-164-1	1	1-1/4” x 164” Hose	1015C/1215
23	155-04R17-96-2	1	1/4” x 96” Hose	1015C/1215
24	155-M-HYDR-3-3	1	Hydraulic Motor	1015C/1215
25	See Page 131	1	1410 Short Coupled Universal Assembly	1015C/1215
26	118-VM-0001-1410-5	1	1410 Driveline Assembly	1015C/1215
27	155-08R17-166-1	1	1/2” x 166” Hose (Prior To SN 19VM1215204)	1015C/1215
	155-08R17-159-1	1	1/2” x 159” Hose (SN 19VM1215204 & Later)	1015C/1215
28	155-08R17-29-1	1	1/2” x 29” Hose	1015C/1215
	Call 1-800-325-9103	AR	Hydraulic Fittings	

REPTO HYDRAULIC SCHEMATIC MODELS 1015C/1215
(CALL FACTORY 1-800-325-9103 PRIOR TO 2017 MODEL YEAR)



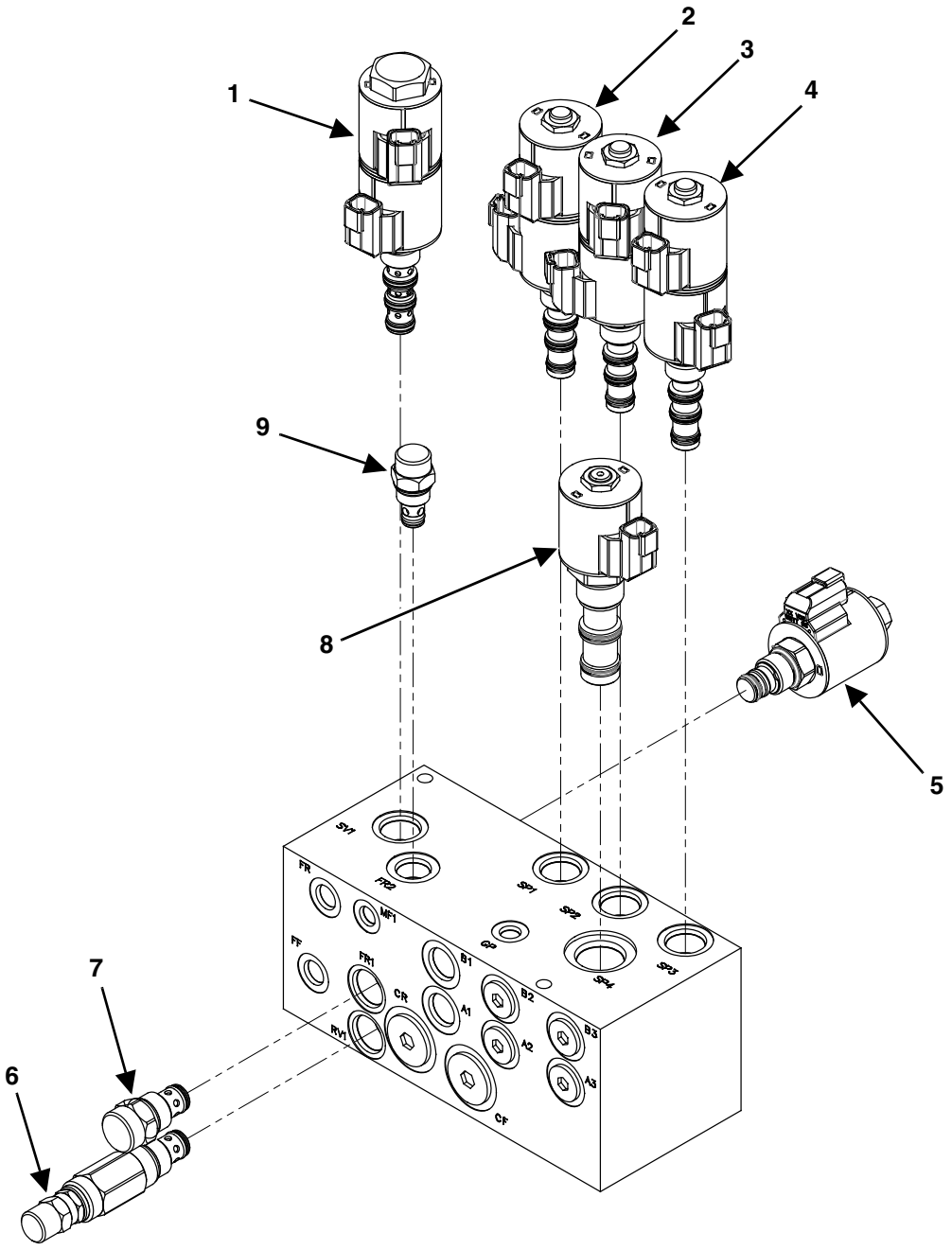
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	See Page 98	1	Hydrostat Pump Assembly	1015C/1215
	155-M-H-3-12-1	1	Filter	1015C/1215
2	Call 1-800-325-9103	1	S Port On Piston Pump To S Port On Auxiliary Pump	1015C/1215
3	Call 1-800-325-9103	1	T1 Port On Piston Pump To D1 Port On Reservoir	1015C/1215
4	Call 1-800-325-9103	1	B Port On Auxiliary Pump To P Port On Manifold	1015C/1215
5	Call 1-800-325-9103	1	S Port On Auxiliary Pump To Pump Supply Port On Reservoir	1015C/1215
6	Call 1-800-325-9103	1	B Port On Auxiliary Pump To B Port On Front Motor	1015C/1215
7	Call 1-800-325-9103	1	A Port On Piston Pump To A Port On Front Motor	1015C/1215
8	Call 1-800-325-9103	1	Case Drain Port On Auxiliary Pump To D2 Port On Reservoir	1015C/1215
9	See Page 125	1	Custom Reservoir	1015C/1215
10	Call 1-800-325-9103	1	D3 Port On Reservoir To T1 Port On Front Motor	1015C/1215
11	155-20R12-159-1	1	1-1/4” x 159” Hose (Front Discharge)	1015C/1215
	155-20R12-118-1	1	1-1/4” x 118” Hose (Side Discharge)	1015C/1215
12	155-08R17-69-1	1	1/2” x 69” Hose	1015C/1215
13	See Page 120	1	Manifold Assembly (Prior To SN 18VM1015202, 18VM1215203)	1015C/1215
	See Page 122	1	Manifold Assembly (SN 18VM1015202, 18VM1215203 & Later)	1015C/1215
14	155-20R12-39-1	1	1-1/4” x 39” Hose	1015C/1215
15	See Page 124	1	Heat Exchanger	1015C/1215
16	155-08R17-45-1	1	1/2” x 45” Hose	1015C/1215
17	155-12R17-166-1	1	3/4” x 166” Hose	1015C/1215
18	155-08R17-50-1	1	1/2” x 50” Hose	1015C/1215
19	155-04R17-70-1	1	1/4” x 70” Hose	1015C/1215
20	155-04R17-96-2	1	1/4” x 96” Hose	1015C/1215
21	155-M-HYDR-3-8	1	Dual Flushing Manifold	1015C/1215
22	155-20R13-164-1	2	1-1/4” x 164” Hose	1015C/1215
23	155-04R17-96-2	1	1/4” x 96” Hose	1015C/1215
24	155-M-HYDR-3-3	2	Hydraulic Motor	1015C/1215
25	See Page 131	1	1410 Short Coupled Universal Assembly	1015C/1215
26	118-VM-0001-1410-5	1	1410 Driveline Assembly	1015C/1215
27	155-08R17-159-1	1	1/2” x 159” Hose	1015C/1215
28	155-08R17-29-1	1	1/2” x 29” Hose	1015C/1215
	Call 1-800-325-9103	AR	Hydraulic Fittings	

MANIFOLD PRIOR TO SN 17VM0815208, 18VM(1015202, 1215203)



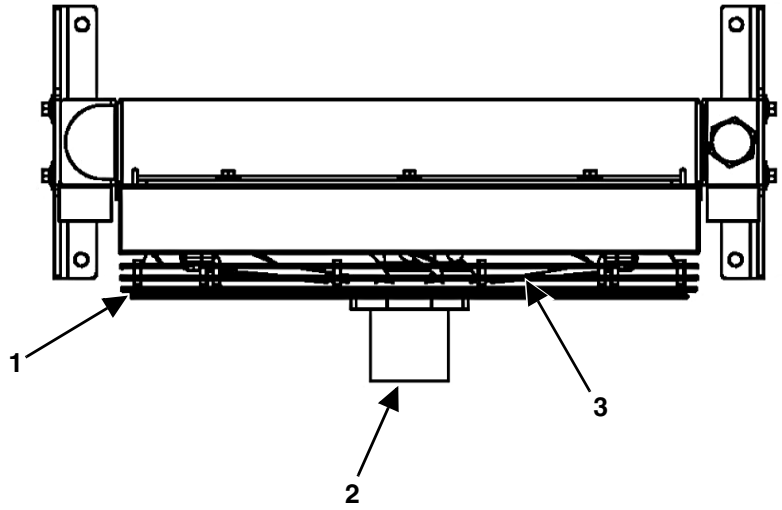
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
	155-M-HYDR-3-5-1	1	Optional Conveyor Parts (Includes Key 6, 7, & 10)	815 - 1215
0	155-M-HYDR-3-5	1	Manifold Assembly	815 - 1215
1	155-M-H-5-2-3	1	Control Valve Assembly	815 - 1215
	155-M-HYDR-3-5-1-2	2	Coil	815 - 1215
	155-M-H-3-5-3-SK	1	Seal Kit	815 - 1215
2	155-M-H-5-2-4	1	Control Valve Assembly	815 - 1215
	155-M-HYDR-3-5-1-2	2	Coil	815 - 1215
	155-M-H-3-5-2-1-SK	1	Seal Kit	815 - 1215
3	155-M-H-5-2-4	1	Control Valve Assembly (Optional Door Circuit)	815 - 1215
	155-M-HYDR-3-5-1-2	2	Coil	815 - 1215
	155-M-H-3-5-2-1-SK	1	Seal Kit	815 - 1215
4	155-M-H-5-2-4	1	Control Valve Assembly (Optional Door Circuit)	815 - 1215
	155-M-HYDR-3-5-1-2	2	Coil	815 - 1215
	155-M-H-3-5-2-1-SK	1	Seal Kit	815 - 1215
5	155-M-H-5-2-2	1	Control Valve Assembly	815 - 1215
	155-M-HYDR-3-5-1-2	1	Coil	815 - 1215
	155-M-H-3-5-6-SK	1	Seal Kit	815 - 1215
6	655-0033-3	1	Needle Valve (Optional Conveyor Circuit)	815 - 1215
	155-M-H-3-5-1-4-SK	1	Seal Kit	815 - 1215
7	55-0302-8-SK	1	Seal Kit (Optional Conveyor Circuit)	815 - 1215
8	155-M-HYDR-3-5-6	1	Pressure Relief Valve With Cap	815 - 1215
	155-M-H-3-5-6-SK	1	Seal Kit	815 - 1215
9	155-M-HYDR-3-5-5	1	Pressure Compensated Flow Control	815 - 1215
	155-M-H-3-5-5-SK	1	Seal Kit	815 - 1215
10	155-M-HYDR-3-5-1-1	1	Control Valve Assembly (Optional Conveyor Circuit)	815 - 1215
	155-M-HYDR-3-5-1-2	1	Coil	815 - 1215
	155-M-H-3-5-1-1-SK	1	Seal Kit	815 - 1215
11	155-M-HYDR-3-8-3	1	Pressure Compensated Flow Control	815 - 1215
	155-M-H-3-5-4-SK	1	Seal Kit	815 - 1215

MANIFOLD SN 17VM0815208, 18VM(1015202, 1215203) & LATER



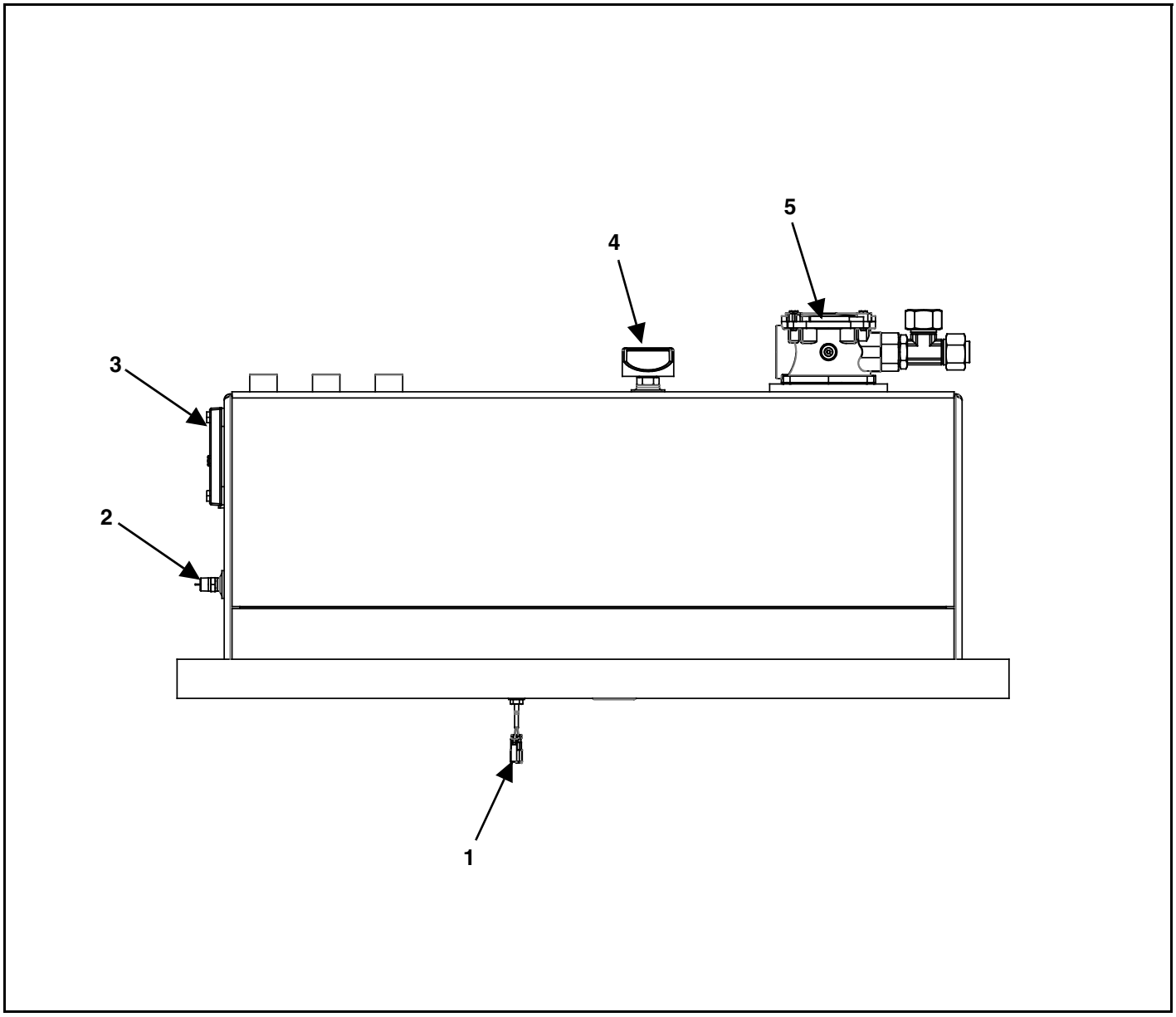
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	155-M-H-5-2	1	Manifold Assembly	585 - 1215
1	155-M-H-5-2-3	1	Control Valve Assembly	585 - 1215
	155-M-HYDR-3-5-1-2	2	Coil	585 - 1215
	155-M-H-3-5-3-SK	1	Seal Kit	585 - 1215
2	155-M-H-5-2-4	1	Control Valve Assembly	585 - 1215
	155-M-HYDR-3-5-1-2	2	Coil	585 - 1215
	155-M-H-3-5-2-1-SK	1	Seal Kit	585 - 1215
3	155-M-HYDR-3-5-2	1	Control Valve Assembly (Optional Door Circuit)	585 - 1215
	155-M-HYDR-3-5-1-2	2	Coil	585 - 1215
4	155-M-HYDR-3-5-7	1	Control Valve Assembly (Optional Slide Tray Circuit)	585 - 1215
	155-M-HYDR-3-5-1-2	2	Coil	585 - 1215
5	155-M-H-5-2-2	1	Control Valve Assembly	585 - 1215
	155-M-HYDR-3-5-1-2	1	Coil	585 - 1215
	155-M-H-3-5-6-SK	1	Seal Kit	585 - 1215
6	155-M-HYDR-3-5-6	1	Pressure Compensated Flow Control	585 - 1215
	155-M-H-3-5-6-SK	1	Seal Kit	585 - 1215
7	155-M-HYDR-3-5-5	1	Pressure Compensated Flow Control	585 - 1215
	155-M-H-3-5-5-SK	1	Seal Kit	585 - 1215
8	155-M-H-5-2-1	1	Control Valve Assembly (Optional Conveyor Circuit)	585 - 1215
	155-M-HYDR-3-5-1-2	1	Coil	585 - 1215
	155-M-H-3-5-1-1-SK	1	Seal Kit	585 - 1215
9	155-M-HYDR-3-8-3	1	Pressure Compensated Flow Control	585 - 1215
	155-M-H-3-5-4-SK	1	Seal Kit	585 - 1215

HEAT EXCHANGER



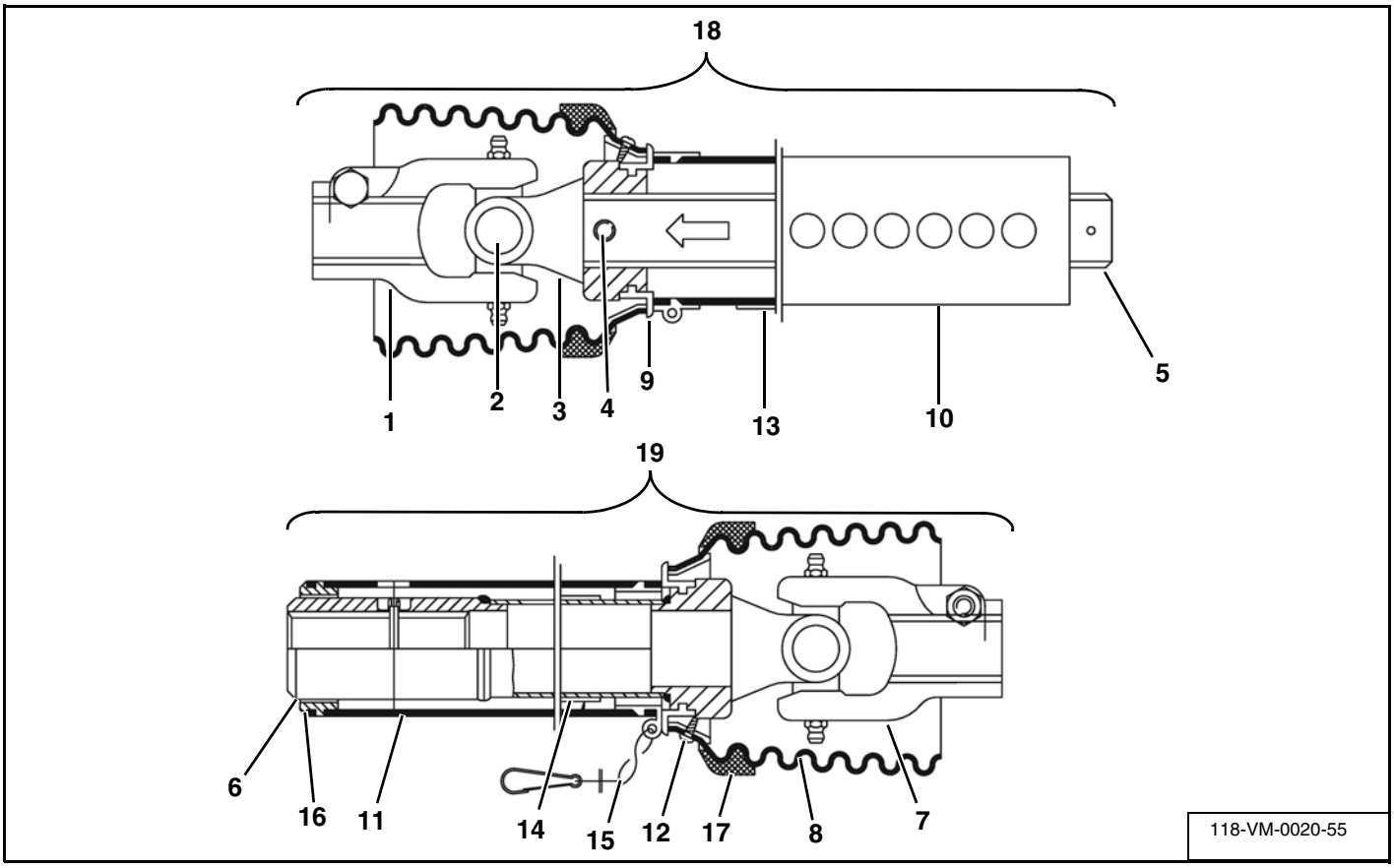
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	155-M-HYDR-3-6	1	Heat Exchanger Assembly	585 - 1215
1	155-M-HYDR-3-6-3	1	Fan Shroud	585 - 1215
2	155-M-HYDR-3-6-1	1	Motor	585 - 1215
3	155-M-HYDR-3-6-2	1	Fan	585 - 1215

RESERVOIR

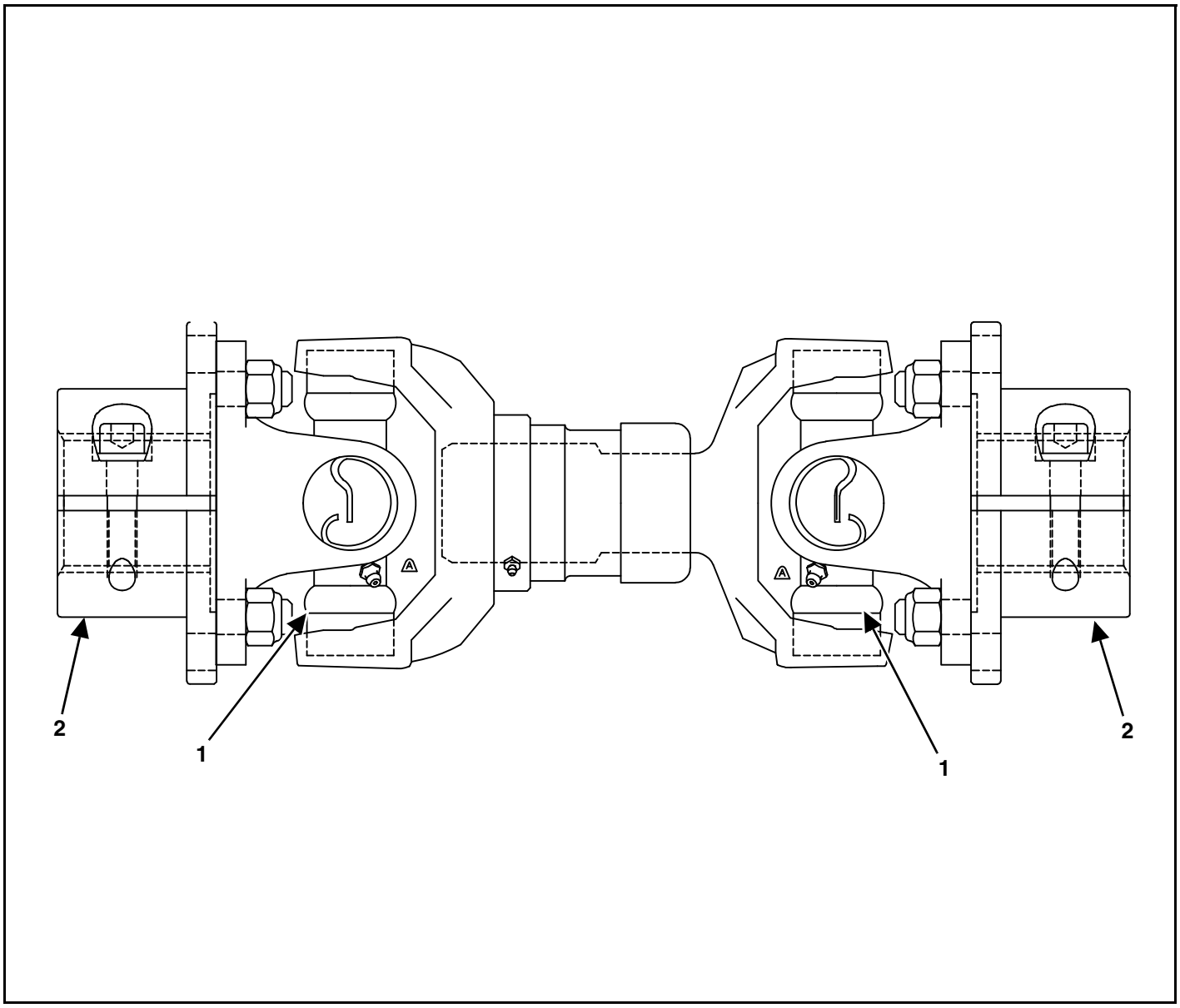


KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	155-M-HYDR-3-4	1	Reservoir Assembly	585 - 1215
1	155-M-H-3-4-3	1	Temperature Sensor	585 - 1215
2	155-M-H-3-4-4	1	Level Switch	585 - 1215
3	155-M-H-3-4-5	1	Sight Gauge	585 - 1215
4	155-M-H-3-4-6	1	Breather	585 - 1215
5	155-M-H-3-4-2	1	Filter	585 - 1215
	155-M-H-3-4-2-1	1	Filter Element Only	585 - 1215

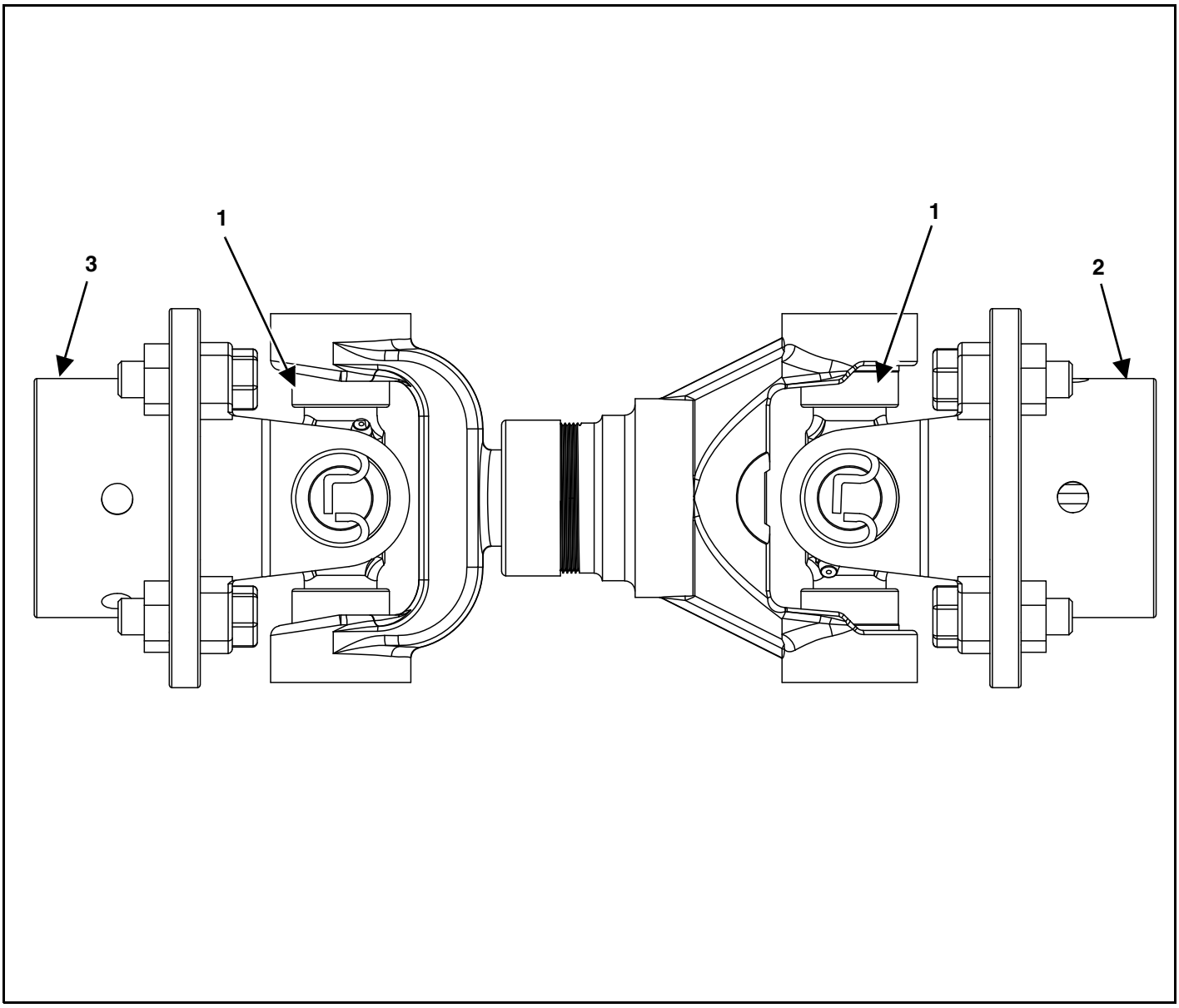
1-3/4-20 SPLINE X 1-3/4-20 SPLINE DRIVE SHAFT
MODELS: 585/700



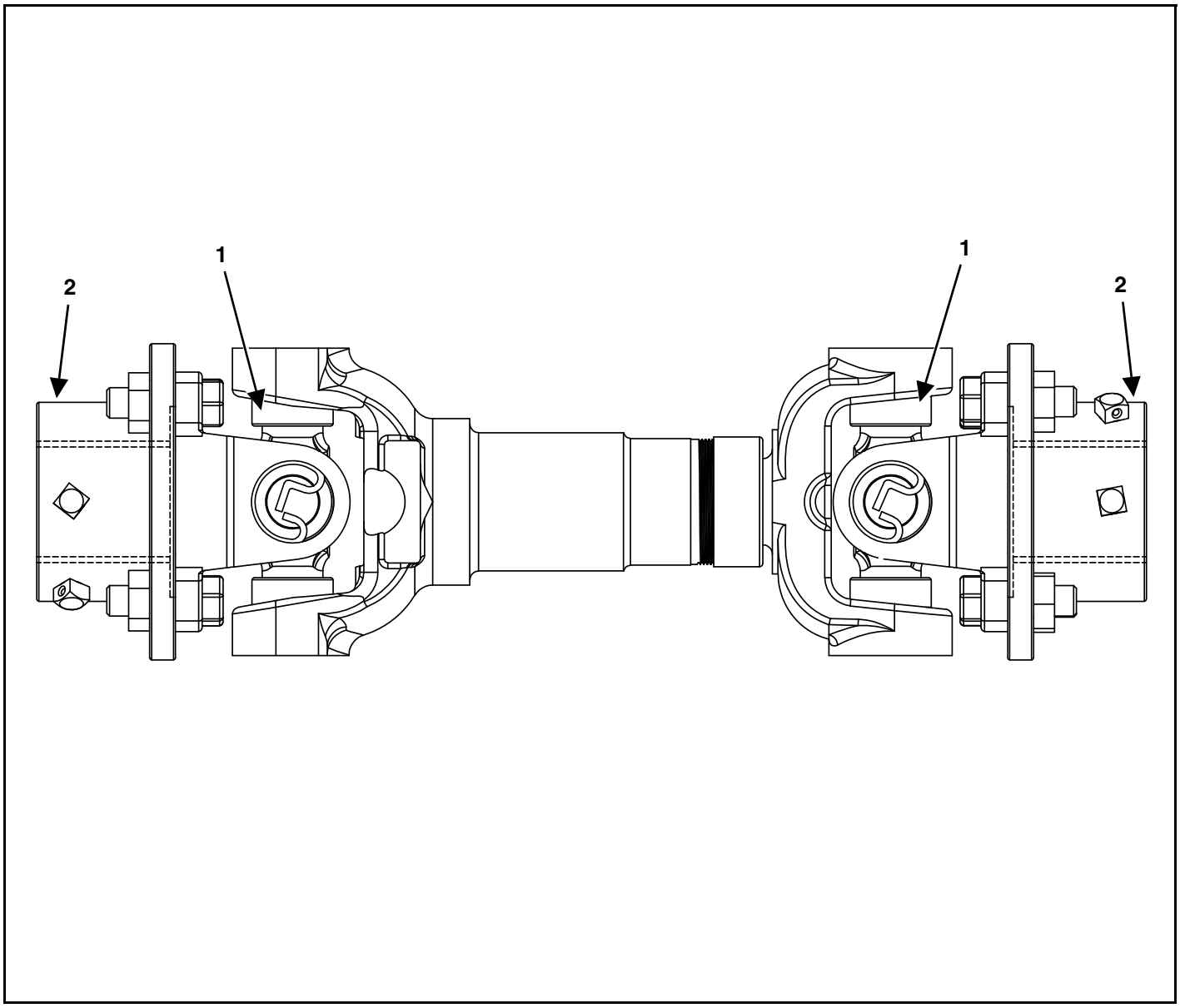
KEY	PART NUMBER	QTY	DESCRIPTION
0	118-VM-0020-55	1	1-3/4-20 Spline PTO Complete
1	118-VM-0010-25-1	1	Yoke ASG
2	118-VM-0010-25-2	2	Cross & Bearing Kit
3	118-VM-0020-55-3	1	Inboard Yoke
4	618-0202-2-5	2	Spring Pin, 10 x 90
5	118-VM-0020-55-4	1	Inner Profile
6	118-VM-0020-55-5	1	Inboard Yoke (Includes 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



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	118-VM-1410-20	1	1410 Short Coupled Universal Assembly	585/700
1	118-1410-1-2	2	Greasable Cross Bearing	585/700
2	118-VM-1410-12	2	1-3/4”-20 Spline Clamp Style Hub	585/700

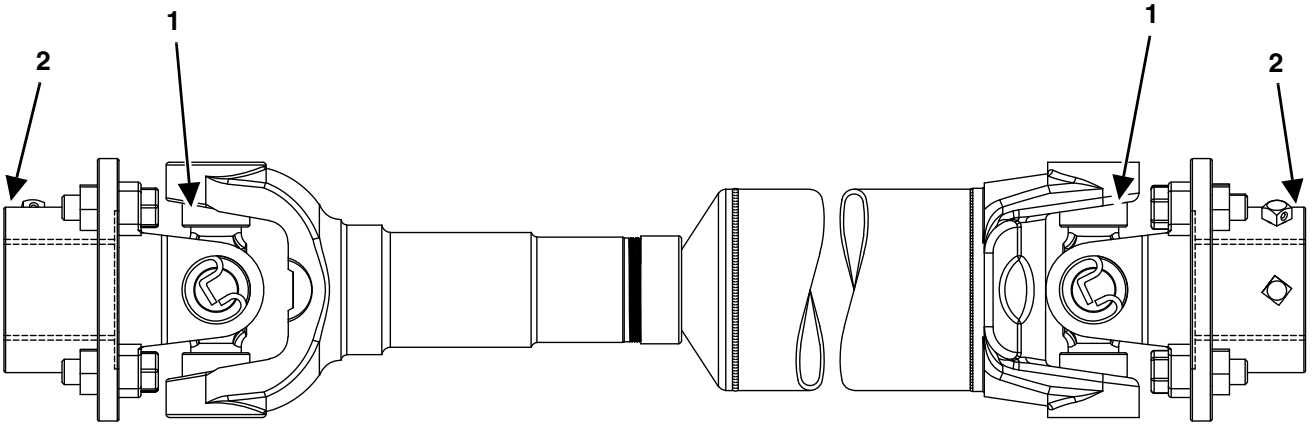


KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	118-VM-0001-1410-3	1	1410 Short Coupled Universal Assembly	585 - 1015
1	118-1410-1-2	2	Greasable Cross Bearing	585 - 1015
2	118-VM-1410-25	1	1-3/4”-13 Spline Clamp Style Hub	585 - 1015
3	118-VM1-1410-3-1	1	1-3/4”-6 Spline Clamp Style Hub	585 - 1015

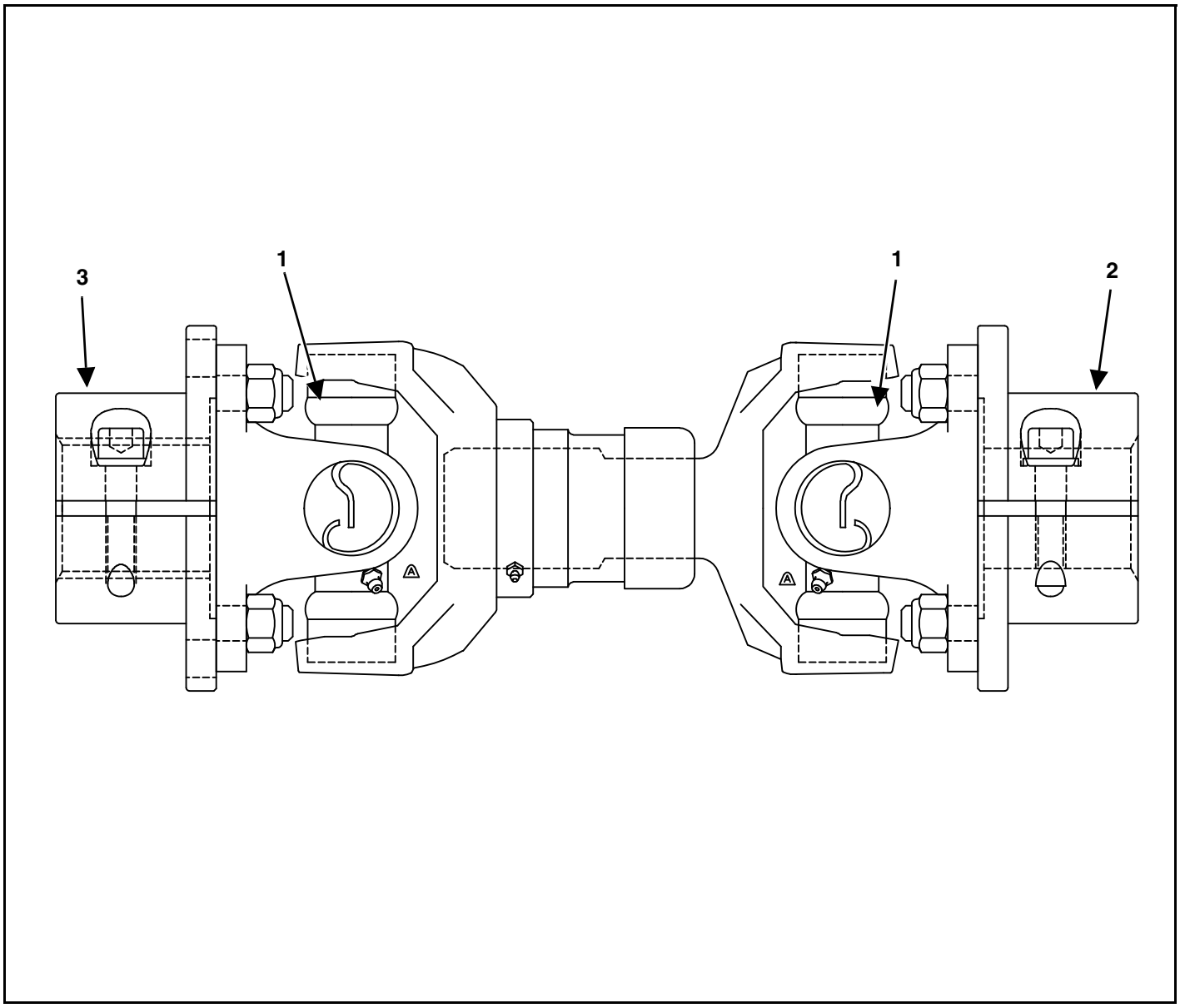


KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	118-VM-0001-1410-8	1	1410 Short Coupled Universal Assembly	815/1015
1	118-1410-1-2	2	Greasable Cross Bearing	815/1015
2	118-VM-1410-12	2	1-3/4”-20 Spline Clamp Style Hub	815/1015

DRIVELINE MODELS: 815/1015



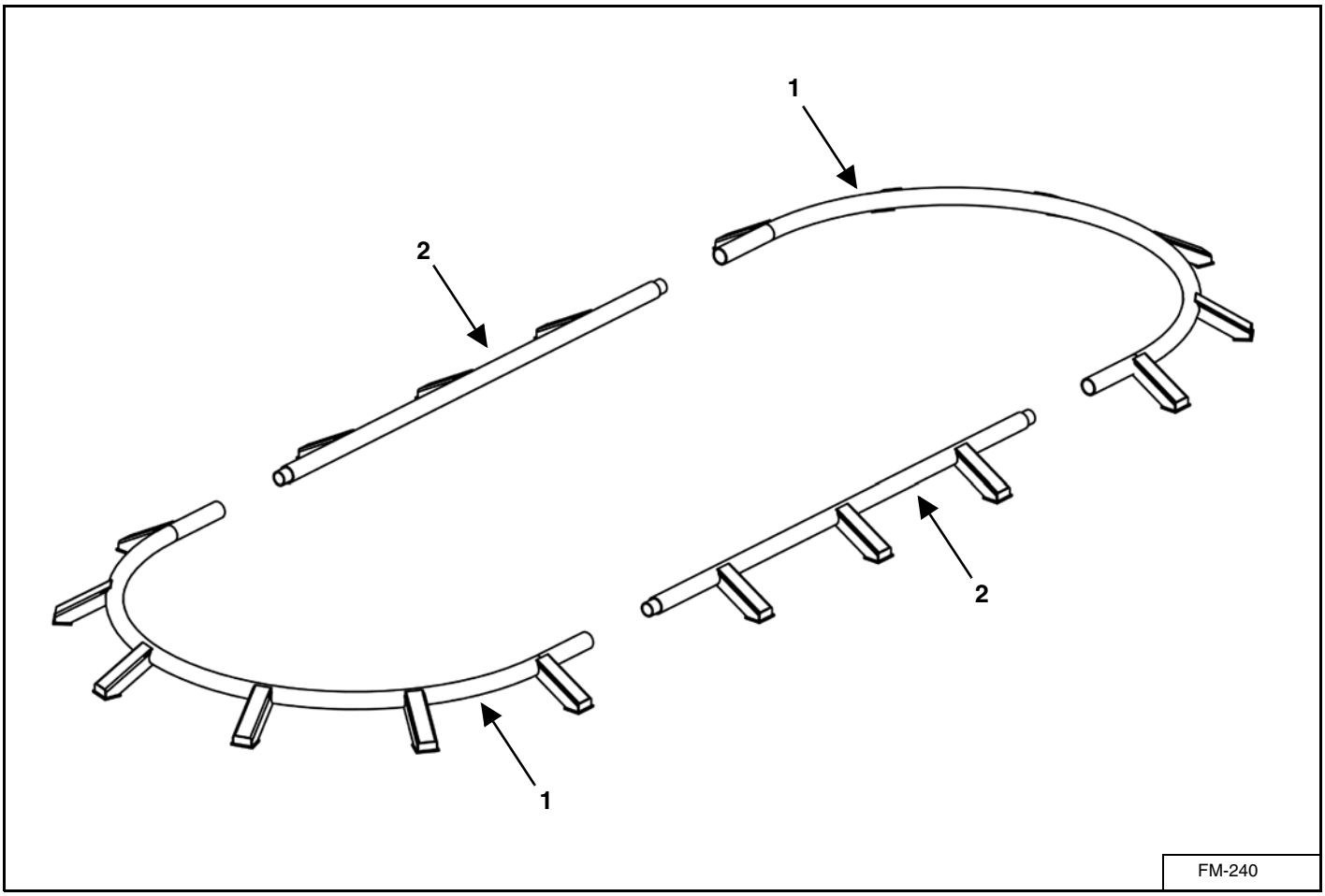
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	118-VM-0001-1410-9	1	1410 Short Coupled Universal Assembly	815/1015
1	118-1410-1-2	2	Greasable Cross Bearing	815/1015
2	118-VM-1410-12	2	1-3/4”-20 Spline Clamp Style Hub	815/1015



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	118-VM-0001-1410-6	1	1410 Short Coupled Universal Assembly	1015C/1215
1	118-1410-1-2	2	Greasable Cross Bearing	1015C/1215
2	118-VM-1410-25	1	1-3/4”-13 Spline Clamp Style Hub	1015C/1215
3	118-VM-1410-12	1	1-3/4”-20 Spline Clamp Style Hub	1015C/1215

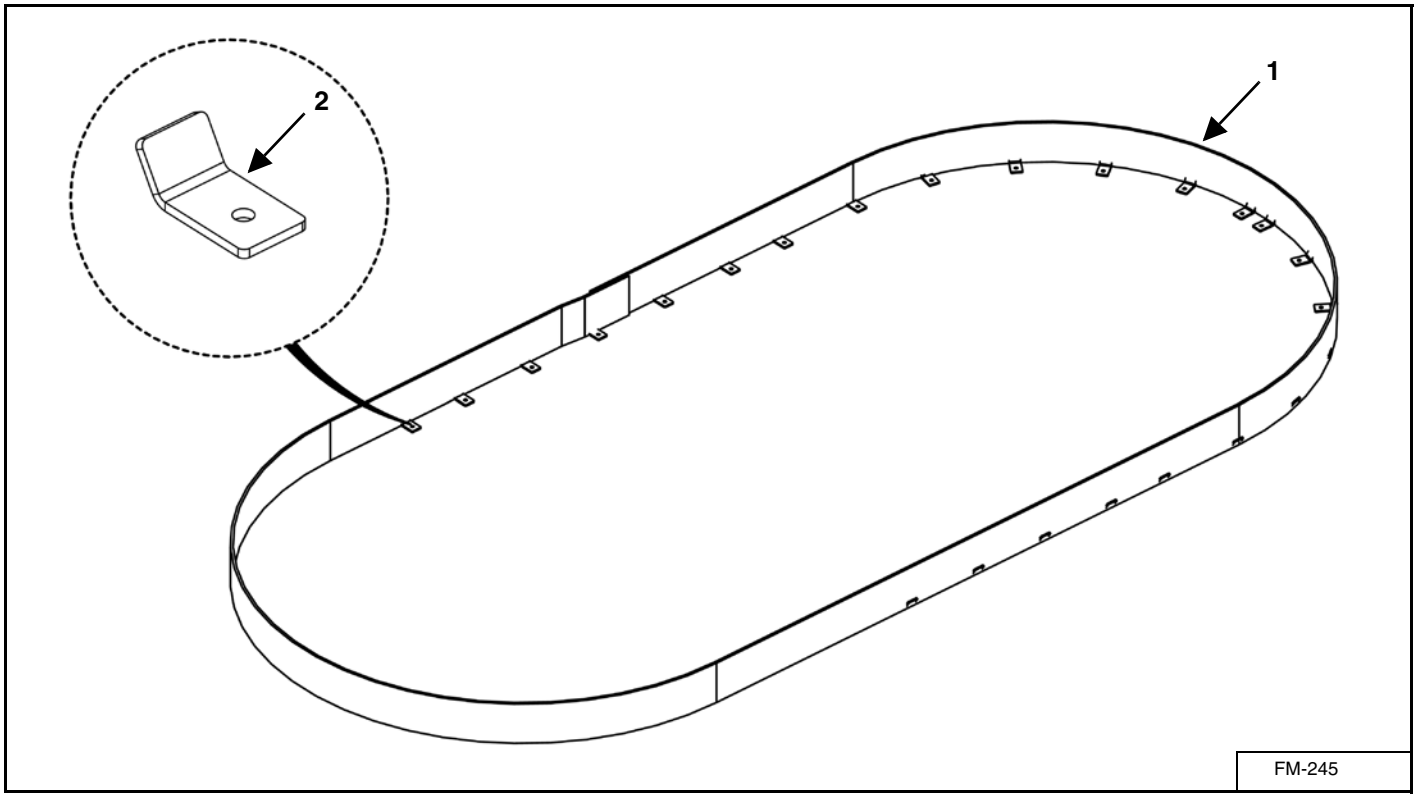
OPTIONAL EQUIPMENT

HAY RETAINING RING



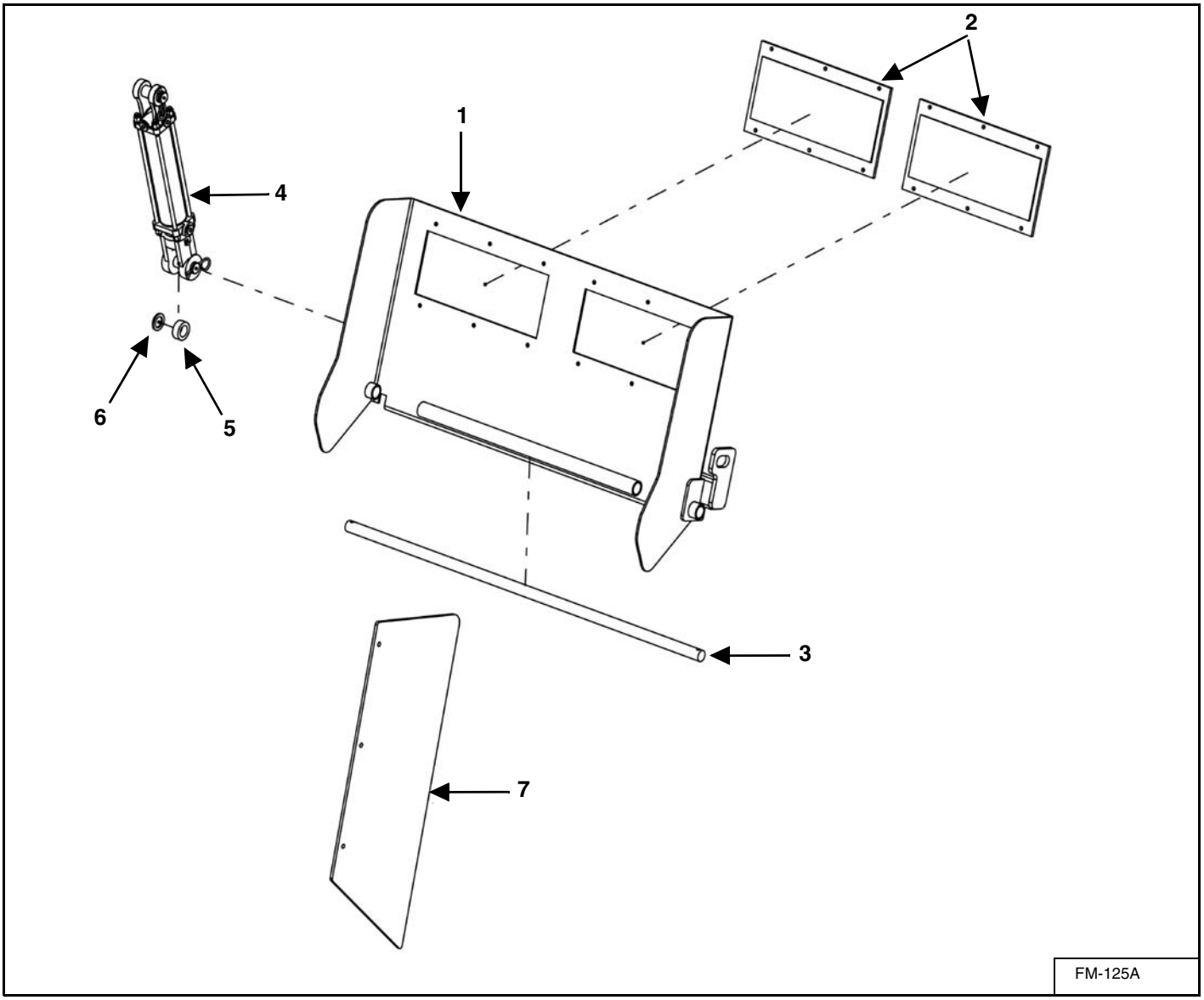
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M4-1-5-0001	2	Hay Retention Ring End Weldment	585
	M4-1-7-0001	2	Hay Retention Ring End Weldment	700
	M4-1-8-0001	2	Hay Retention Ring End Weldment	815
	M4-1-10-0001	2	Hay Retention Ring End Weldment	1015
	M4-1-12-0001	2	Hay Retention Ring End Weldment	1215
2	M4-1-7-0002	2	Hay Retention Ring Side Weldment	585/700
	M4-1-8-0002	2	Hay Retention Ring Side Weldment	815/1015/1215
NS	851-5013-1.25Z	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



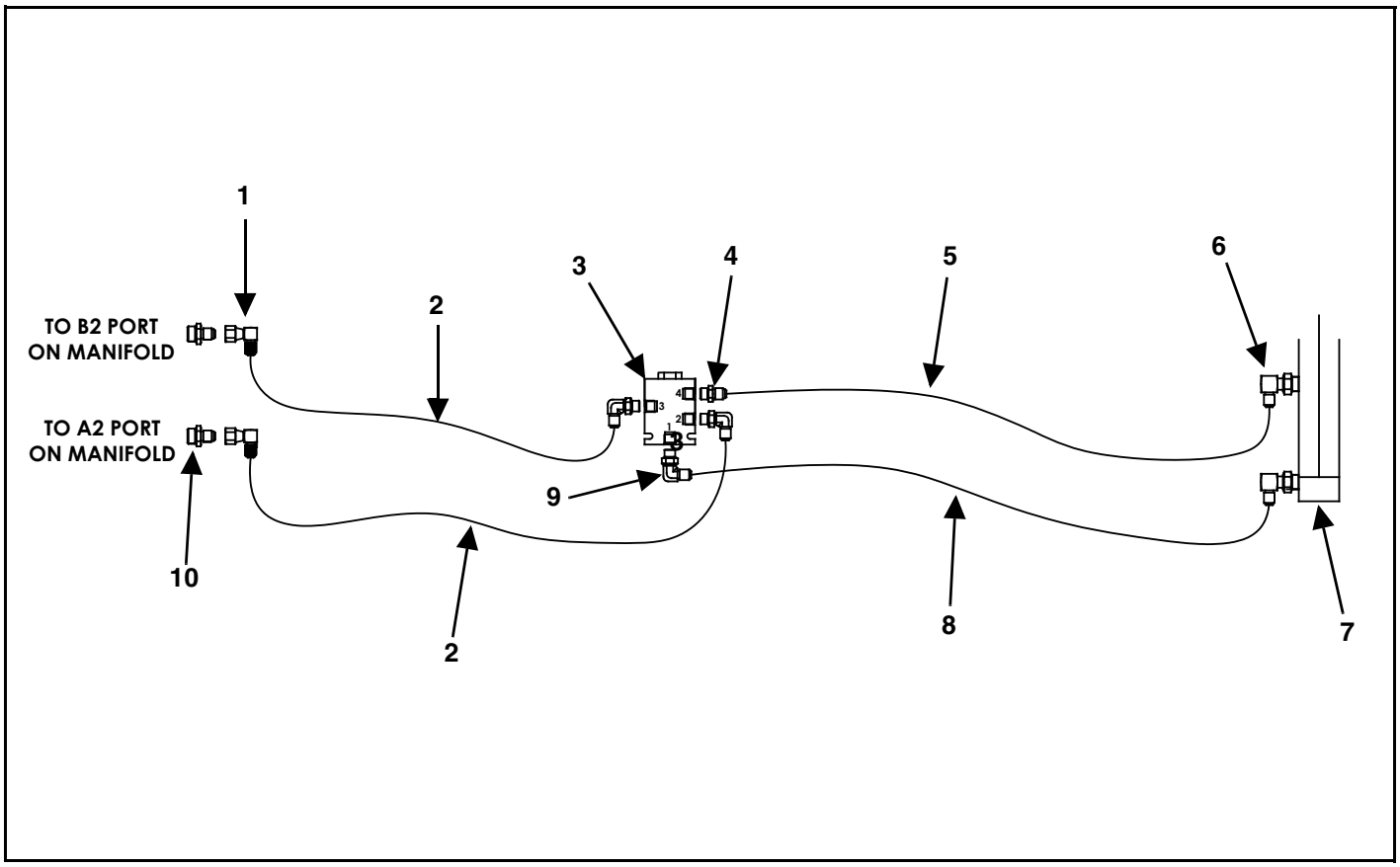
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	VA-0585-CE-8	1	8” Capacity Extension Assembly	585
	VA-0700-CE-8	1	8” Capacity Extension Assembly	700
	VA-0815-CE-8	1	8” Capacity Extension Assembly	815
	VA-1015-CE-8	1	8” Capacity Extension Assembly	1015
	VA-1215-CE-8	1	8” Capacity Extension Assembly	1215
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

SIDE DISCHARGE SLIDE TRAY



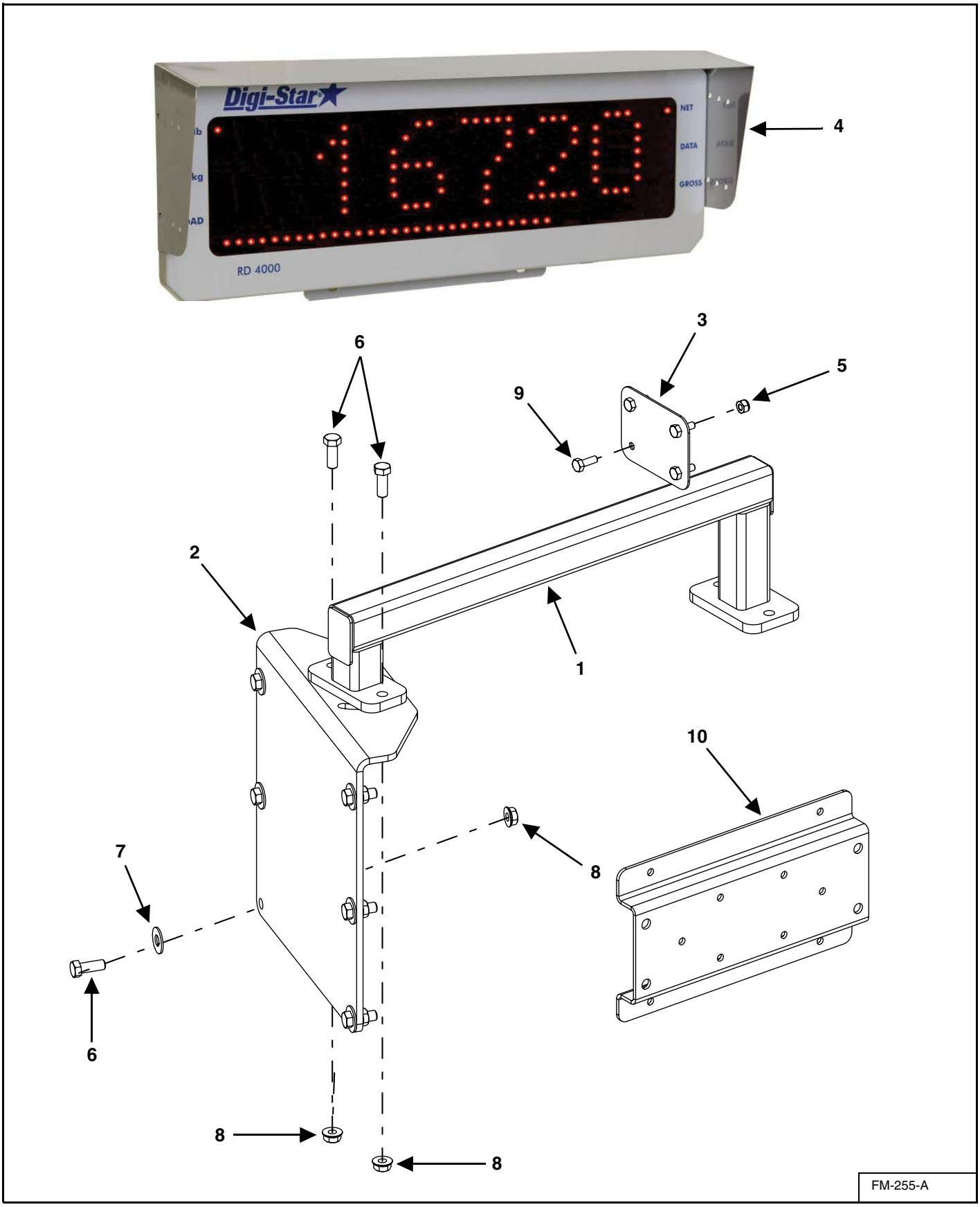
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M3-1-12-0006	1	42” Slide Tray Weldment	585 - 1215
2	M11-1-0009	2	18-1/2” Discharge Magnet	585 - 1215
	802T-3118-.75Z	16	5/16-18 x 3/4” Screw	585 - 1215
	810-3118-Z	16	5/16-18 Spin Lock Nut	585 - 1215
3	M3-1-12-0008	1	Chute Pivot Rod 1” x 47-3/4”	585 - 1215
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

SLIDE TRAY HYDRAULIC SCHEMATIC



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-6500-06-06	2	#6 JIC Male, #6 JIC Female Swivel 90°	815 - 1215
2	155-04R17-28-1	2	1/4” x 28” Hose Assembly	815 - 1215
3	155-M-HYDR-3-5-7	1	Manifold	815 - 1215
4	155-6400-06-06	1	#6 JIC Male, #6 ORB Male Straight Connector	815 - 1215
5	155-04R17-173-1	1	1/4” x 173” Hose Assembly	815 - 1215
6	155-6801-6-8	2	#6 JIC Male, #8 ORB Male Adjustable 90°	815 - 1215
7	155-2-8-1.125-1	1	2” x 8” x 1-1/8” Hydraulic Cylinder	815 - 1215
8	155-04R17-185-1	1	1/4” x 185” Hose Assembly	815 - 1215
9	155-6801-06-06	3	#6 JIC Male, #6 ORB Male Adjustable 90°	815 - 1215
10	155-6400-6-8	2	#6 JIC Male, #8 ORB Male Straight Connector	815 - 1215

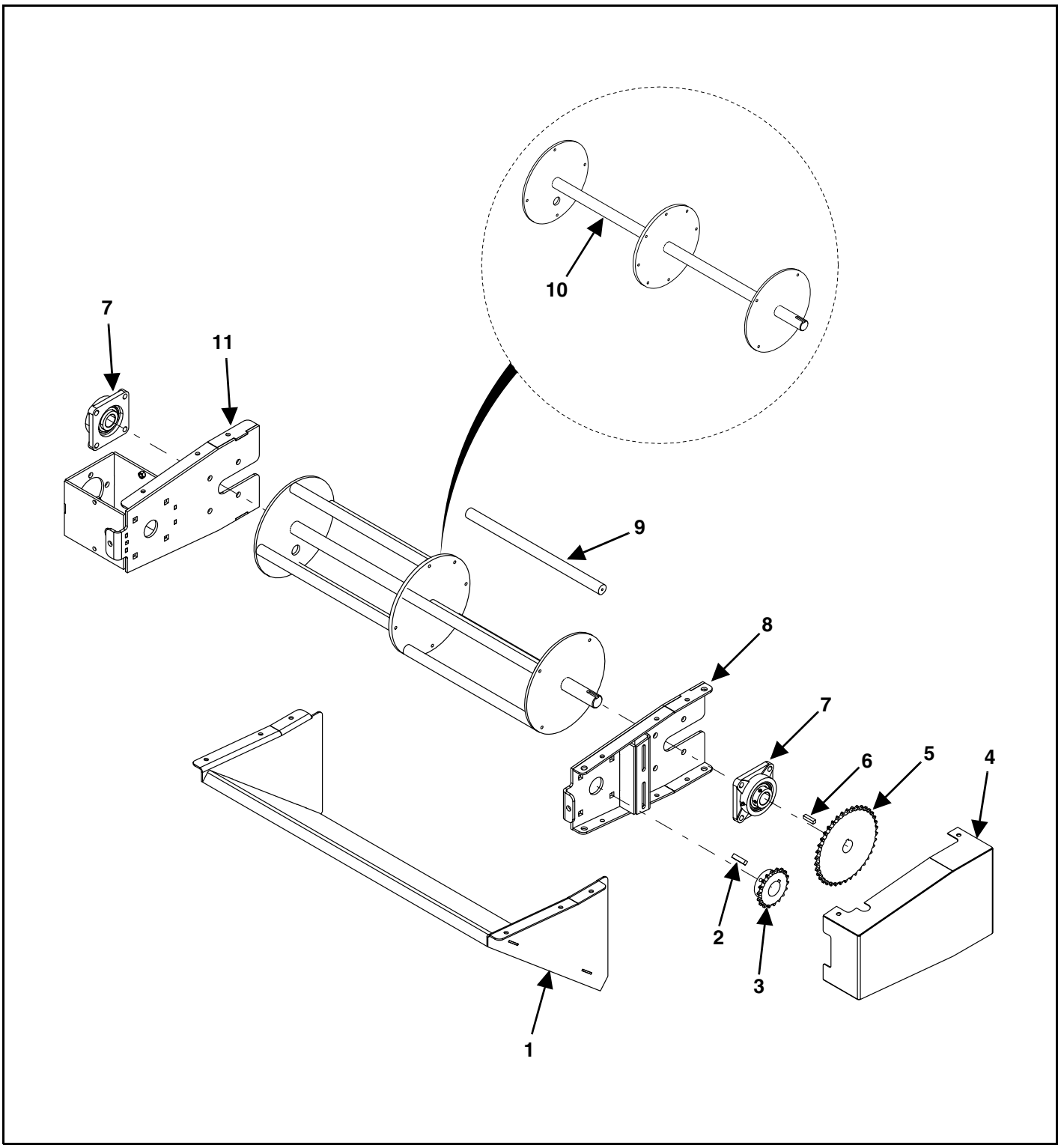
REMOTE SCALE MOUNT



FM-255-A

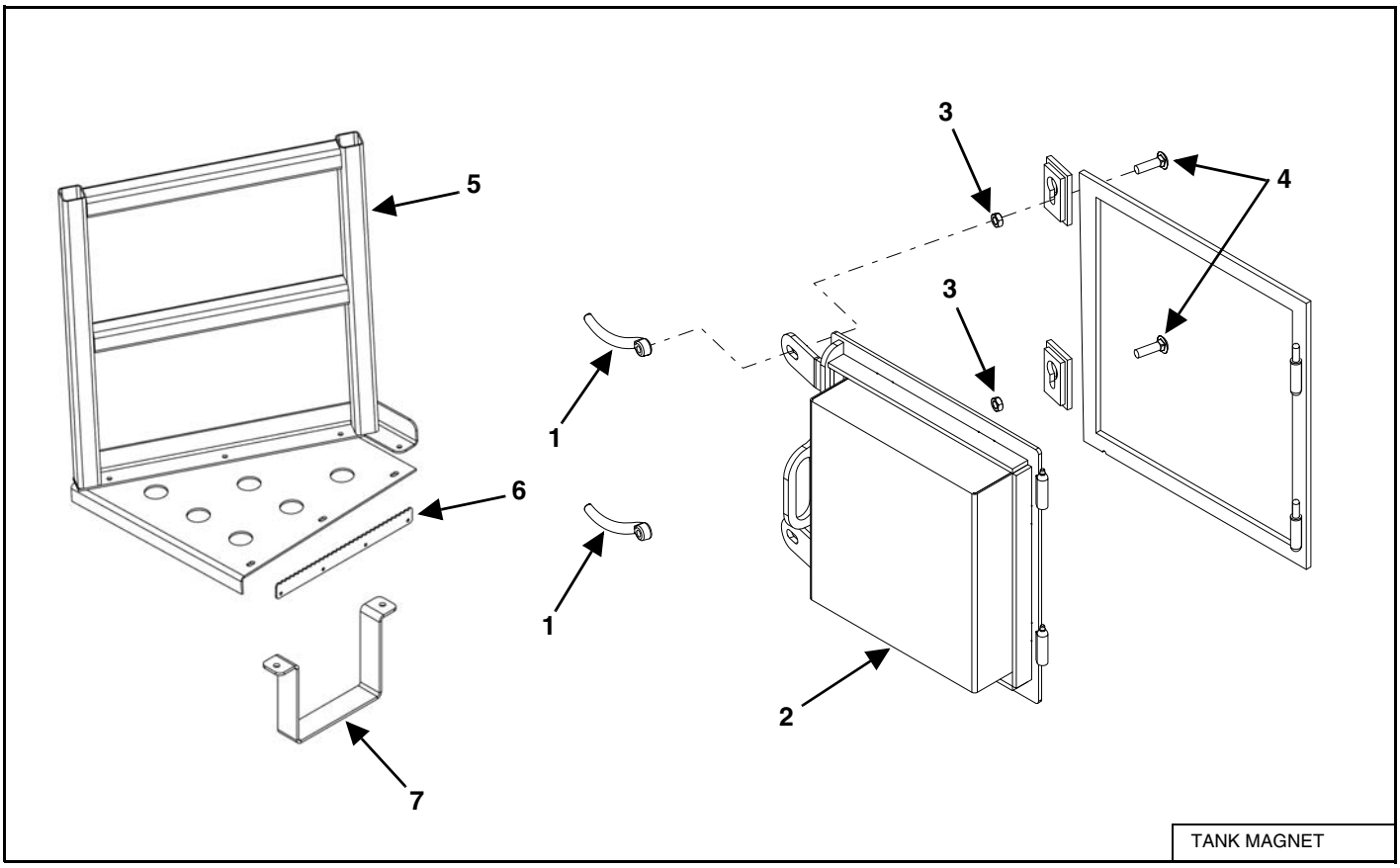
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	VMSCM-405180	1	Remote Display Kit RD400 With TR Kit & 33’ Cable/Visor	585 - 1215
	VMSCM-405200	1	Remote Display Kit RD400 With 33’ Cable/Visor	585 - 1215
	VMSCM-407227	1	Remote Display Kit RD250 With 25’ Cable	585 - 1215
1	M9-1-10-0001	1	Remote Scale Mount 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	58-0010-407227	1	RD2500V Remote Display Kit W/25’ 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
10	M9-1-8-0010	1	Adapter Plate	585 - 1215
NS	58-0010-1	1	Remote Cable, Y-Harness For Dual Remote	585 - 1215 (Optional)

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

TANK MAGNET



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	VAM-TM-KIT	1	Tank Magnet Install Kit	585/700
	VTAL-TM-FD-KIT	1	Tank Magnet Install Kit Includes Handrail	815 - 1215
	VTAL-TM-SD-KIT	1	Tank Magnet Install Kit	815 - 1215
1	33-0028	2	1/2-13 Handle Nut	585 - 1215
2	M11-10-0012-2	1	Tank Magnet Door Weldment	585/700
	M11-10-0012-7	1	Tank Magnet Door Weldment	815 - 1215
3	826-5013	2	1/2-13 Jam Nut	585 - 1215
4	850-5013-1.75Z	2	1/2-13 x 1-3/4” Carriage Bolt	585 - 1215
5	M10-1-12-0010	1	Mixer Handrail Weldment	815 - 1215
6	M13-1-12-0006	1	Bumper Step	815 - 1215
7	M13-1-12-0005	1	Rear Bumper Drop Step	815 - 1215

10.0 SPECIFICATIONS

10.1 MODELS F585, F700, F815, F1015, F1215

DIMENSIONS	F585	F700	F815	F1015	F1215
Mixing Chamber Length	212”	217”	254”	261”	269”
Max Discharge Reach - Front Cross Conveyor - flat	9”	9”	9”	9”	9”
Max Discharge Reach - Side Conveyor - 24” /36” / 48” / 60” / 72” (In Down Position)	35” / 46” / 57” / 68” / 79”	35” / 46” / 57” / 68” / 79”	35” / 46” / 57” / 68” / 79”	35” / 46” / 57” / 68” / 79”	35” / 46” / 57” / 68” / 79”
Max Discharge Reach - Side Slide Tray	21”	21”	18”	18”	18”
Max Discharge Height - Front Cross Conveyor - flat	32”	32”	41”	41”	41”
Max Discharge Height - Side Conveyor - 24” / 36” / 48” / 60” / 72” (In Down Position)	32” / 36” / 40” / 44” / 48”	32” / 36” / 40” / 44” / 48”	41” / 45” / 49” / 54” / 58”	41” / 45” / 49” / 54” / 58”	41” / 45” / 49” / 54” / 58”
Max Discharge Height - Side Slide Tray	15”	15”	25”	25”	25”

SPECIFICATIONS	F585	F700	F815	F1015	F1215
Mixing Capacity - no extensions	585 Cu. Ft.	693 Cu. Ft.	818 Cu. Ft.	1016 Cu. Ft.	1215 Cu. Ft.
Mixing Capacity - extensions	647 Cu. Ft.	760 Cu. Ft.	910 Cu. Ft.	1112 Cu. Ft.	1315 Cu. Ft.
Unit Weight - front discharge - lbs (Option Sensitive)	N/A	N/A	N/A	N/A	N/A
Unit Weight - side discharge - lbs (Option Sensitive)	N/A	N/A	N/A	N/A	N/A
Maximum Net Load - lbs	27,300	22,800	27,300	33,360	39,450
Auger Qty.	2	2	2	2	2
Auger Diameter	88”	88”	107”	107”	107”
Auger Speed - standard / high speed	27 / 40 RPM	27 / 40 RPM	27 / 40 RPM	27 / 40 RPM	27 / 40 RPM
Auger - Upper Flighting Thickness	5/8”	5/8”	5/8”	5/8”	5/8” heat treated
Auger - Lower Flighting Thickness	5/8”	5/8”	3/4”	3/4”	3/4” heat treated
Auger - Knives - adjustable - per auger	5	6	6	7	7
PTO Drive	1800 RPM	1800 RPM	1800 RPM	1800 RPM	1800 RPM
Discharge Door Opening - Front	42” x 40”	42” x 40”	46” x 40”	46” x 40”	46” x 40”
Discharge Door Opening - Side	42” x 40”	42” x 40”	42” x 40”	42” x 40”	42” x 40”
Discharge Door Opening - Rear	42” x 40”	42” x 40”	46” x 40”	46” x 40”	46” x 40”
Discharge - Conveyor Width - front/side	36” / 42”	36” / 42”	36” / 42”	36” / 42”	36” / 42”
Discharge - Front Cross Conveyor Travel - left or right	8”	8”	8”	8”	8”
Tub - Floor Thickness	5/8”	5/8”	3/4”	3/4”	1”
Tub - Sidewall Thickness	1/4”	1/4”	1/4”	1/4”	1/4”
Tub / Truck - Scale System	4-point	4-point	4-point	4-point	4-point


MEYER
FORMULA

MAINTENANCE RECORD

MODEL NO. _____ **SERIAL NO.** _____

DATE	SERVICE PERFORMED

DATE	SERVICE PERFORMED

Manufactured by:

Meyer Manufacturing Corporation

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