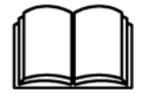


MEYER

FORMULA IIII



PB-MIXER-SP



FORMULA MIXER

Models F355 • F470

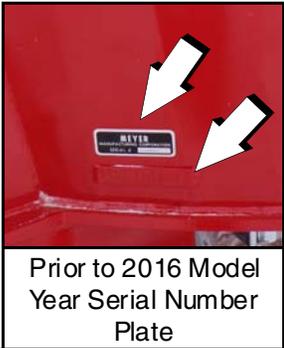
Starting 2014 Model Year

Parts Book



IMPORTANT INFORMATION

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



Model No. _____
Mixer Serial No. _____
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: 14VM0470201

Model Year / Vertical Mixer / Model / Sequence Of Build

↓ ↓ ↓ ↓
14 VM 0470 201

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



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MANUFACTURER'S WARRANTY

10/2016

MEYER FORMULA MIXER

- I. The "Owners Registration Form" must be completed in full and promptly returned to Meyer Mfg. Corp. for this warranty to become both valid and effective. All warranties on New Meyer Mixers shall apply only to the original retail customer from an authorized Meyer Mfg. Corp. dealership.
- II. This warranty shall not apply to any Meyer Mixer which has been subjected to misuse, negligence, alteration, accident, incorrect operating procedures, has been used for an application not designed for or pre-authorized by Meyer in writing, has had the serial numbers altered, or which shall have been repaired with parts other than those obtained through Meyer Mfg. Corp. Meyer is not responsible for the following: Depreciation or damage caused by normal wear, lack of reasonable and proper maintenance, failure to follow the operator's manual recommendations or normal maintenance parts and service. Meyer is not responsible for rental of replacement equipment during warranty repairs, damage to a power unit (including but not limited to a truck or tractor), loss of earnings due to equipment down time, or damage to equipment while in transit to or from the factory or dealer.
- III. Meyer Mfg. Corp. warrants New Meyer Mixer to be free from defects in material and workmanship under recommended use and maintenance service, as stated in the Operator's and Parts Manual, as follows:
 - A. Meyer Mfg. Corp. will repair or replace F.O.B. Dorchester, WI, as Meyer Mfg. Corp. elects, any part of a new Meyer Mixer which is defective in material or workmanship:
 - i. Without charge for either parts or labor during the first (1) year from purchase date to the original retail customer.
 - B. In addition to the above basic warranty, Meyer Mfg. Corp. will repair or replace F.O.B. Dorchester, WI as Meyer Mfg. Corp. elects:
 - i. Any part of the following which is defective in material or workmanship (not neglect to recommended use and service) with a "pro-rated" charge for parts only (not labor) during the stated time period from date of purchase to the original retail customer. 1st year 100%, 2nd year 100%, 3rd year 50%, 4th year 25%, 5th year 10%
 - a. The Formula Mixer Planetary Gearbox. Meyer Part #'s 119-16-13.4-1
- IV. COMMERCIAL USE: Coverage as in paragraph III.A.i. only, except warranty coverage is for (90) days for parts and labor to the original commercial retail customer.
- V. Repairs eligible for labor warranty must be made by Meyer Mfg. Corp. or an authorized Meyer dealership. The original retail customer is responsible for any service call and/or transportation of the mixer to the dealership or the factory for warranty service.
- VI. Except as stated above, Meyer Mfg. Corp. shall not be liable for injuries or damages of any kind or nature, direct, consequential, or contingent, to persons or property. This warranty does not extend to loss of crop or for any other reasons.
- VII. No person is authorized to give any other warranties or to assume any other obligation on Meyer Mfg. Corp.'s behalf unless made or assumed in writing by Meyer Mfg. Corp. This warranty is the sole and exclusive warranty which is applicable in connection with the manufacture and sale of this product and Meyer Mfg. Corp.'s responsibility is limited accordingly.

Purchased Product Warranty:

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



FORMULA MIXER PARTS

REPLACEMENT PARTS



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



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

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

SHUTOFF & LOCKOUT POWER RECOMENDATIONS

1. Think, Plan and Check

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

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

3. Power Sources

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

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

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

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

IMPORTANT

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

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

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



WARNING

Crushing Hazard

Do Not work under suspended or blocked parts.



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

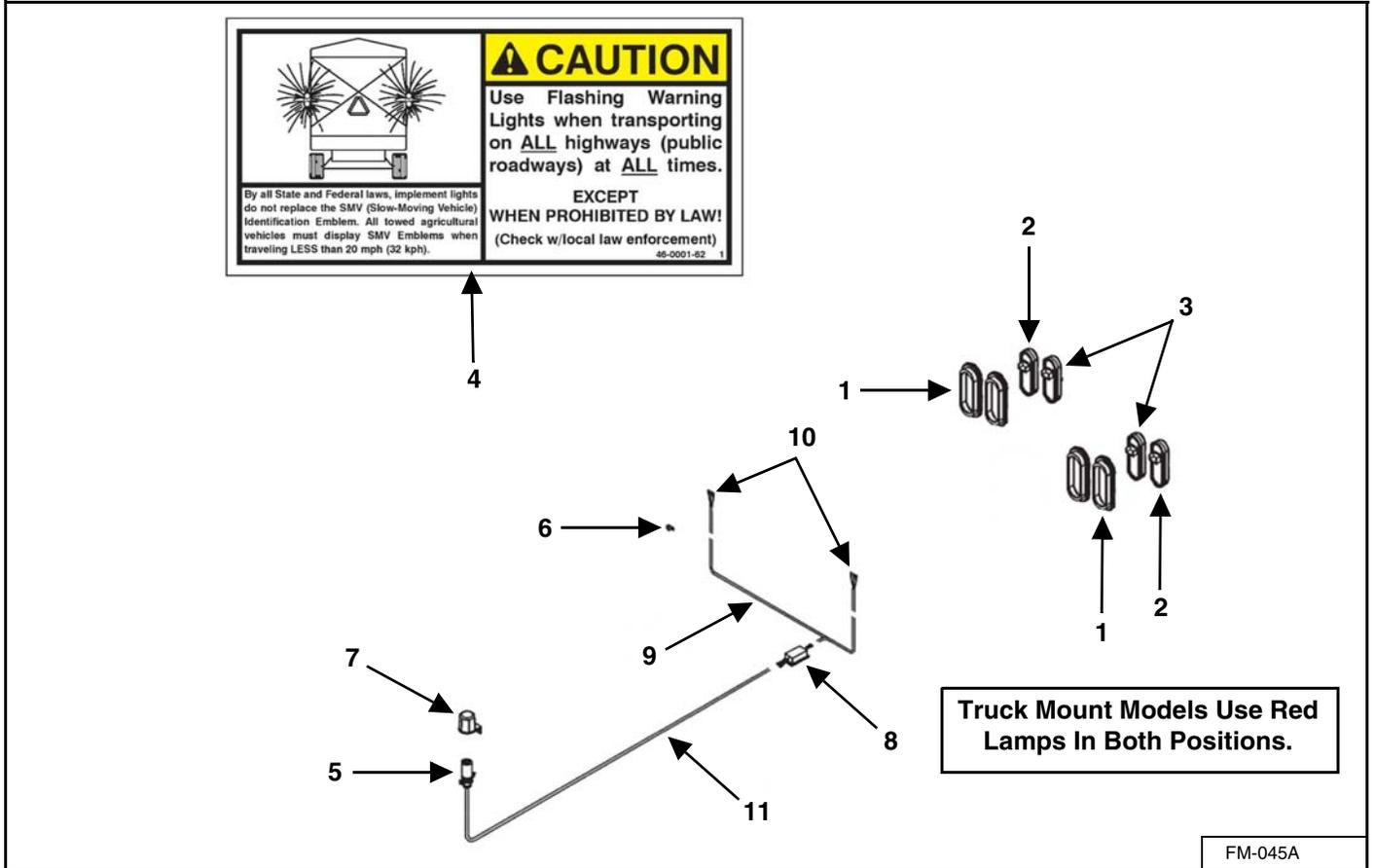
Throughout this manual, when directed to shutoff and lockout power, be familiar with the previously described procedures for the type of machine you are operating.

IMPORTANT

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

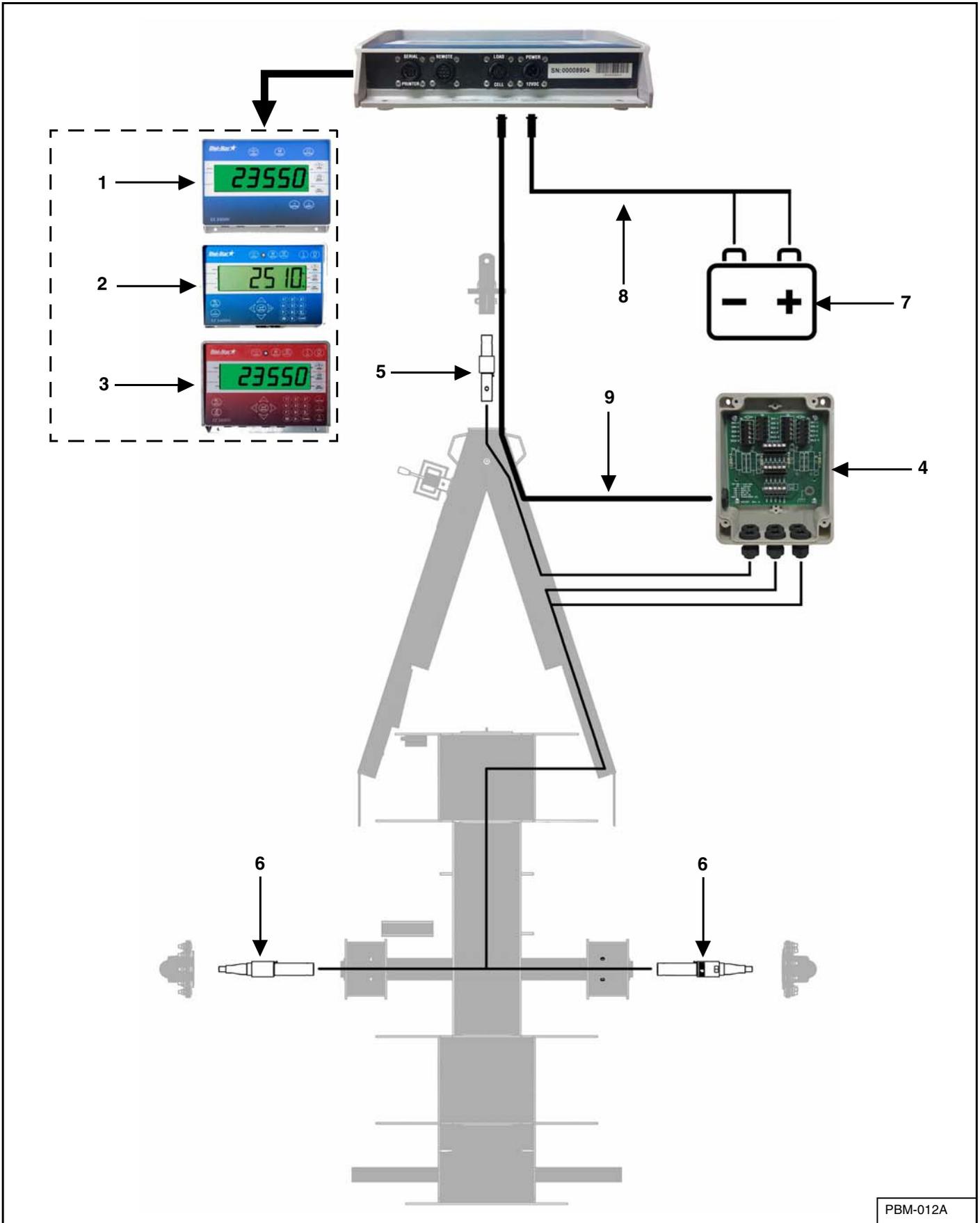
NOTE: Be environmentally friendly and dispose of any waste materials properly. Recycle when appropriate.

ELECTRICAL LIGHTS



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	56-0082	4	6" Oval Grommet	Both Models
2	56-0081	2/0	6" Oval Amber LED Light	Both Models
3	56-0115	2/4	6" Oval Red LED Light	Both Models
4	46-0001-62	1	Caution Tail Light Decal	Both Models
5	56-0005-2	1	7-Contact Plug End Only	Both Models
6	56-0008	2	Harness Frame Clip	Both Models
7	56-0009	1	7-Way "Stor-A-Way" Plug Holder	Both Models
8	56-0084	1	LED Ag Enhancer Module (Trailer Mounts Only)	Both Models
9	56-0130-1	1	Y-Harness Less Light Plug Leads	Both Models
10	56-0130-2	2	Right/Left Light Pigtail Lead	Both Models
11	56-0213	1	Front Discharge 21.5' LED Light Cord 6-Pin & 7-Pin Connector	Both Models
	56-0214	1	Side Discharge 19' LED Light Cord 6-Pin & 7-Pin Connector	Both Models

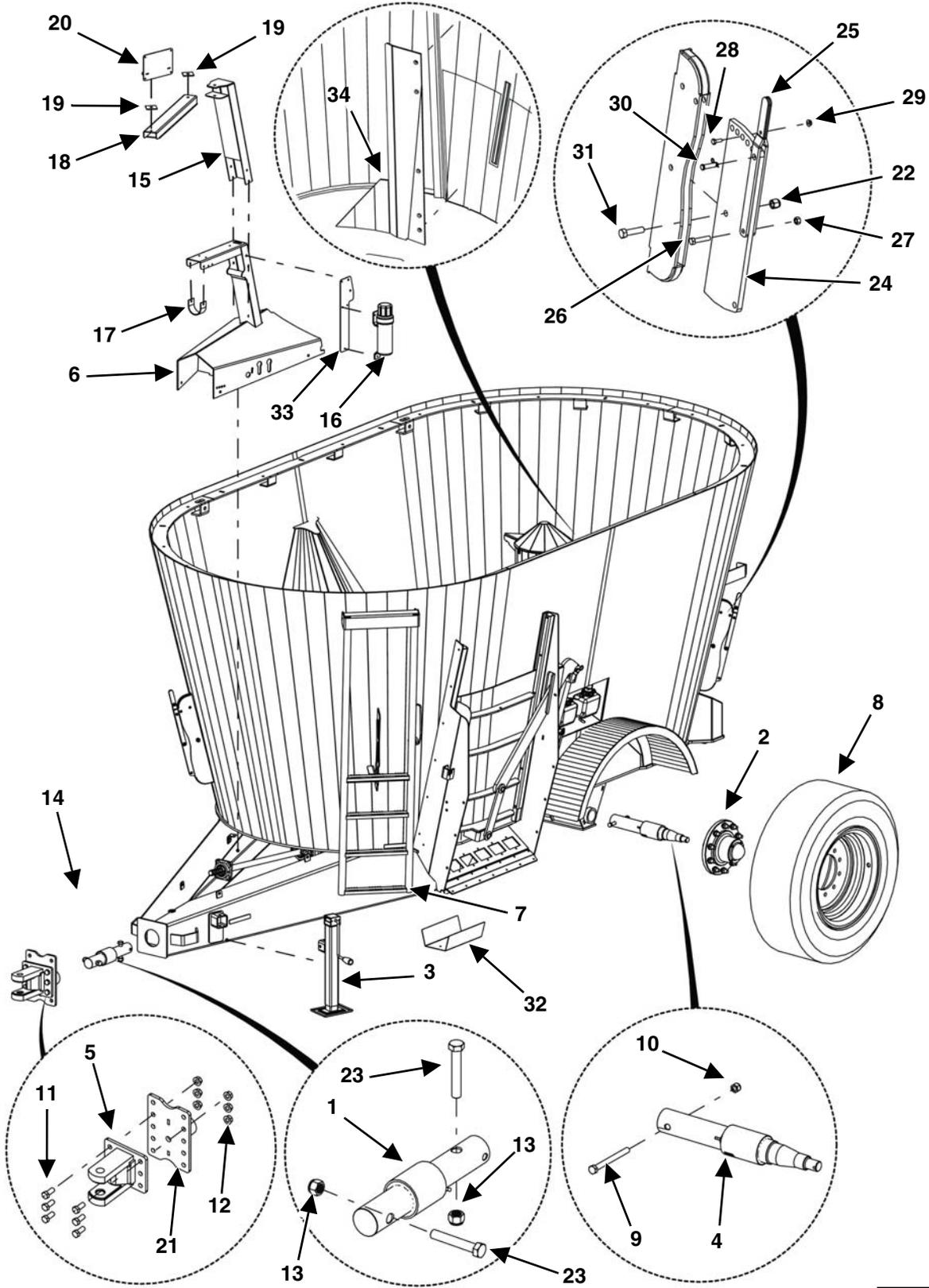
WEIGH BAR WIRING DIAGRAM (BOTH MODELS)



PBM-012A

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	58-0002-407120	1	EZ2500V Scale Indicator Monitor With Serial Port	Both Models
	58-0002-407094	1	EZ2500V Scale Indicator Monitor	Both Models
	58-0002-404516	1	EZ2400V Scale Indicator Monitor	Both Models
2	58-0002-408944	1	EZ3400V Scale Indicator Monitor	Both Models
3	58-0002-406552	1	EZ3600V Scale Indicator Monitor	Both Models
4	58-0020	1	6 Point Mobil J-Box	Both Models
	58-0008	1	6 Point Mobil J-Box With Monitor Cable	Both Models
5	58-0039	1	Front Hitch Weigh Bar	Both Models
6	58-0026	2	Spindle Load Cell, 2.875 DA-16	Both Models
7	56-0204	1	12V Male Plug Auxiliary Power Cord Assembly	Both Models
	56-0136	1	3-Pin Auxiliary Power Cord Assembly	Both Models
	VA-BBS	1	Battery Box Package	Both Models
8	56-0236	1	25' Power Cord Assembly	Both Models
9	58-0029	1	Junction Box To Monitor Cable 30'	Both Models

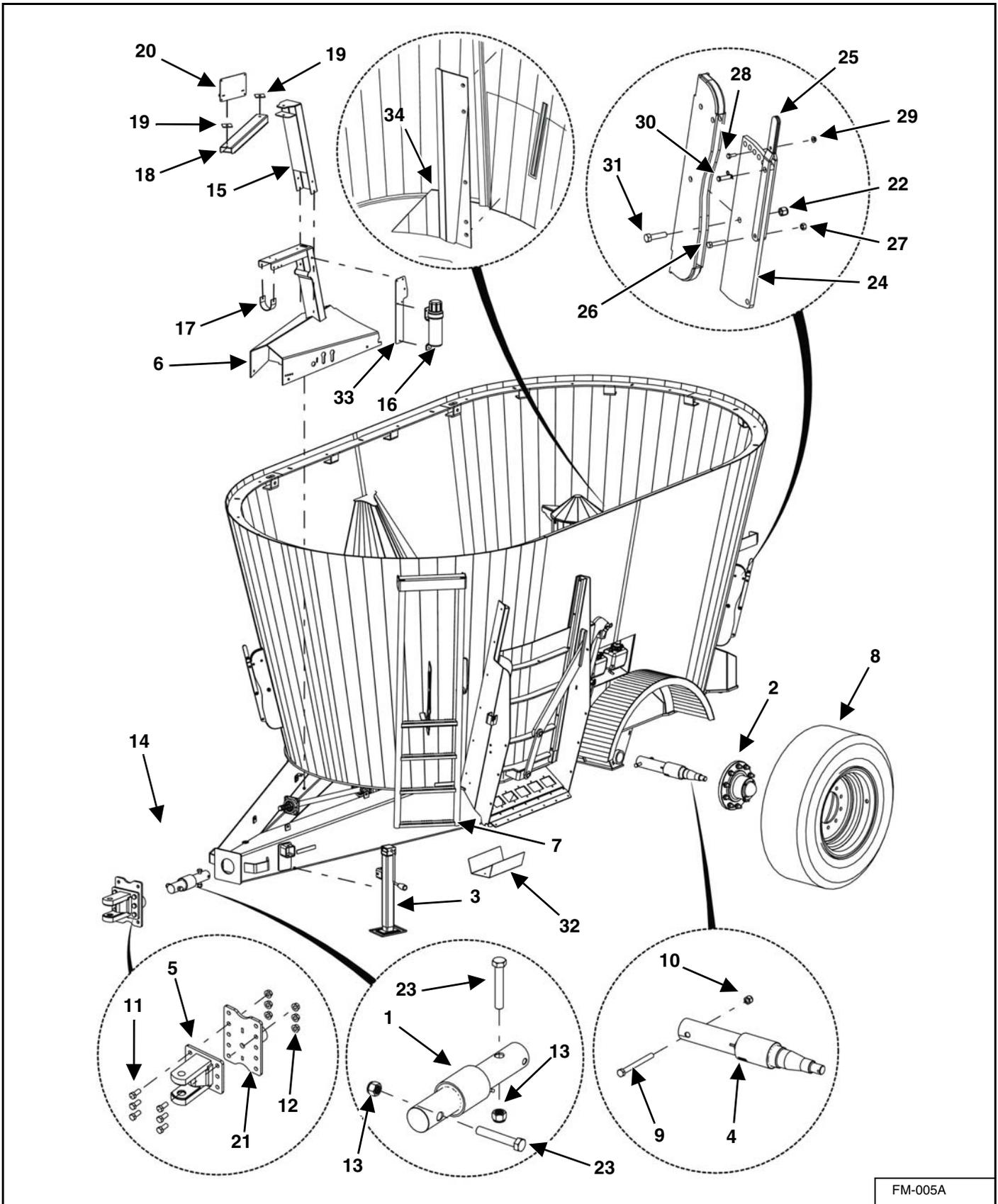
TRAILER COMPONENTS



FM-005A

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	M2-1-3-0001-F	1	Mixer Shell Weldment, Front Unload	355
	M2-1-3-0001-L	1	Mixer Shell Weldment, Left Unload	355
	M2-1-3-0001-LR	1	Mixer Shell Weldment, Left & Right Unload	355
	M2-1-3-0001-R	1	Mixer Shell Weldment, Right Unload	355
	M2-1-4-0001-F	1	Mixer Shell Weldment, Front Unload	470
	M2-1-4-0001-L	1	Mixer Shell Weldment, Left Unload	470
	M2-1-4-0001-LR	1	Mixer Shell Weldment, Left & Right Unload	470
	M2-1-4-0001-R	1	Mixer Shell Weldment, Right Unload	470
1	See Page 10	1	Front Hitch Weigh Bar	Both Models
2	75-0211	4	Hub, 15,000# Capacity	Both Models
3	956-3806	1	8,000 # Square Jack Without Mount Tube	Both Models
4	See Page 10	2	Spindle Load Cell, 2.875 DA-16	Both Models
5	M1-8-0010	1	Adjustable Hitch Front Plate	Both Models
6	M8-1-4-0001	1	PTO Shroud (Side Discharge)	Both Models
	M8-1-4-0002	1	PTO Shroud (Front Discharge)	Both Models
7	M10-1-3-0001	1	Ladder Weldment, (See Page 72)	355
	M10-1-4-0001	1	Ladder Weldment, (See Page 72)	470
8	53-3273-RC	4	385/65/22.5 TL Tire, 22.5 x 13 Wheel	Both Models
9	851-6311-7Z	2	5/8-11 x 7" HHCS Bolt, Grade 5	Both Models
10	815-6311-Z	2	5/8-11 Nylon Insert Lock Nut	Both Models
11	881-7510-2.25Z	6	3/4-10 x 2-1/4" Grade 8 Machine Bolt	Both Models
12	884-7510-Z	6	3/4-10 Top Lock Nut, Grade 8	Both Models
13	814-7510-Z	2	3/4-10 Indented Lock Nut	Both Models
14	52-0050	1	Safety Chain, 30,000# Capacity	Both Models
15	M9-1-8-0007	1	Scale Mount Extension Weldment	Both Models
16	33-0044	1	Manual Holder	Both Models
17	M8-1-8-0006-7	1	Rubber Hose Holder	Both Models
18	M9-1-4-0001	1	Load Display Pivot Arm	Both Models
19	M9-1-8-0004	2	Scale Arm Rubber Washer	Both Models
20	M9-1-8-0002	1	Scale Indicator Mount	Both Models

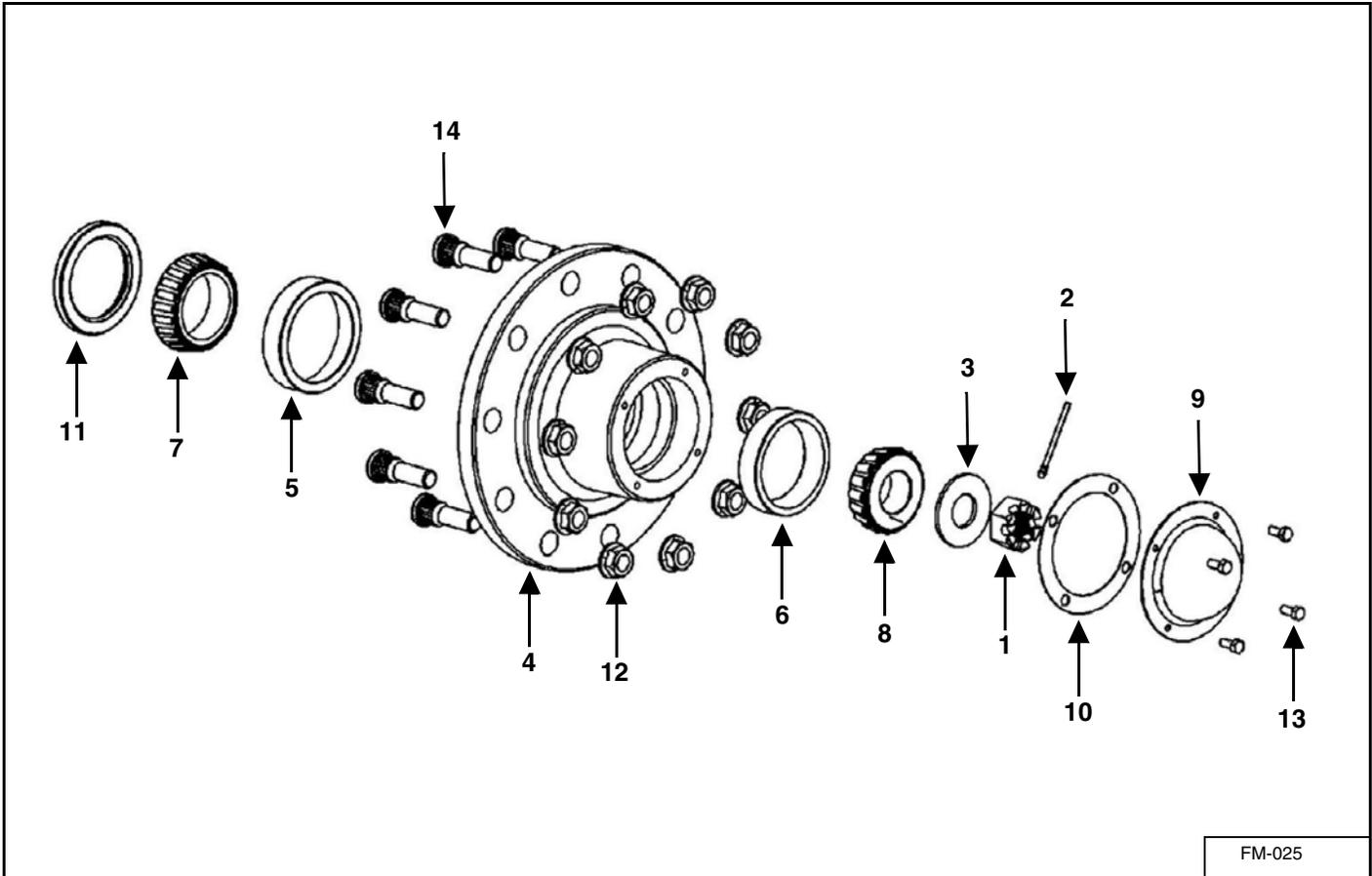
TRAILER COMPONENTS (CONT'D)



FM-005A

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
21	M1-1-4-0002	1	Hitch Mount Weldment	Both Models
22	815-5013-Z	2	1/2-13 Nylon Lock Nut	Both Models
23	881-7510-4.5Z	2	3/4-10 x 4-1/2" Grade 8 Hex Head, Yellow Cap Screw	Both Models
24	M7-1-8-0002	2	Hay Stop	Both Models
25	M7-1-8-0003	4	Hay Stop Handle	Both Models
26	851-3816-1.75Z	2	3/8-16 x 1-3/4" Grade 5 Machine Bolt	Both Models
27	815-3816-Z	2	3/8-16 Nylon Insert Lock Nut	Both Models
28	851-2520-.75Z	2	1/4-20 x 3/4" Grade 5 Machine Bolt	Both Models
29	810-2520-Z	2	1/4" Spin Lock Nut	Both Models
30	32-0042	2	1/2 x 1-1/2" Clevis Pin With Clip	Both Models
31	851-5013-2Z	2	1/2-13 x 2" Grade 5 Machine Bolt	Both Models
32	M11-4-0002	1	Scale Wire Storage Cover	Both Models
33	M8-1-4-0004	1	Manual Holder Mount	Both Models
34	M2-1-4-0014	1	Front/Rear Door Deflector Prior to SN 18VM(0355203, 0470205)	Both Models
	M6-1-4-0014	1	Front/Rear Door Deflector SN 18VM(0355203, 0470205) & Later	Both Models

75-0211 HUB ASSEMBLY

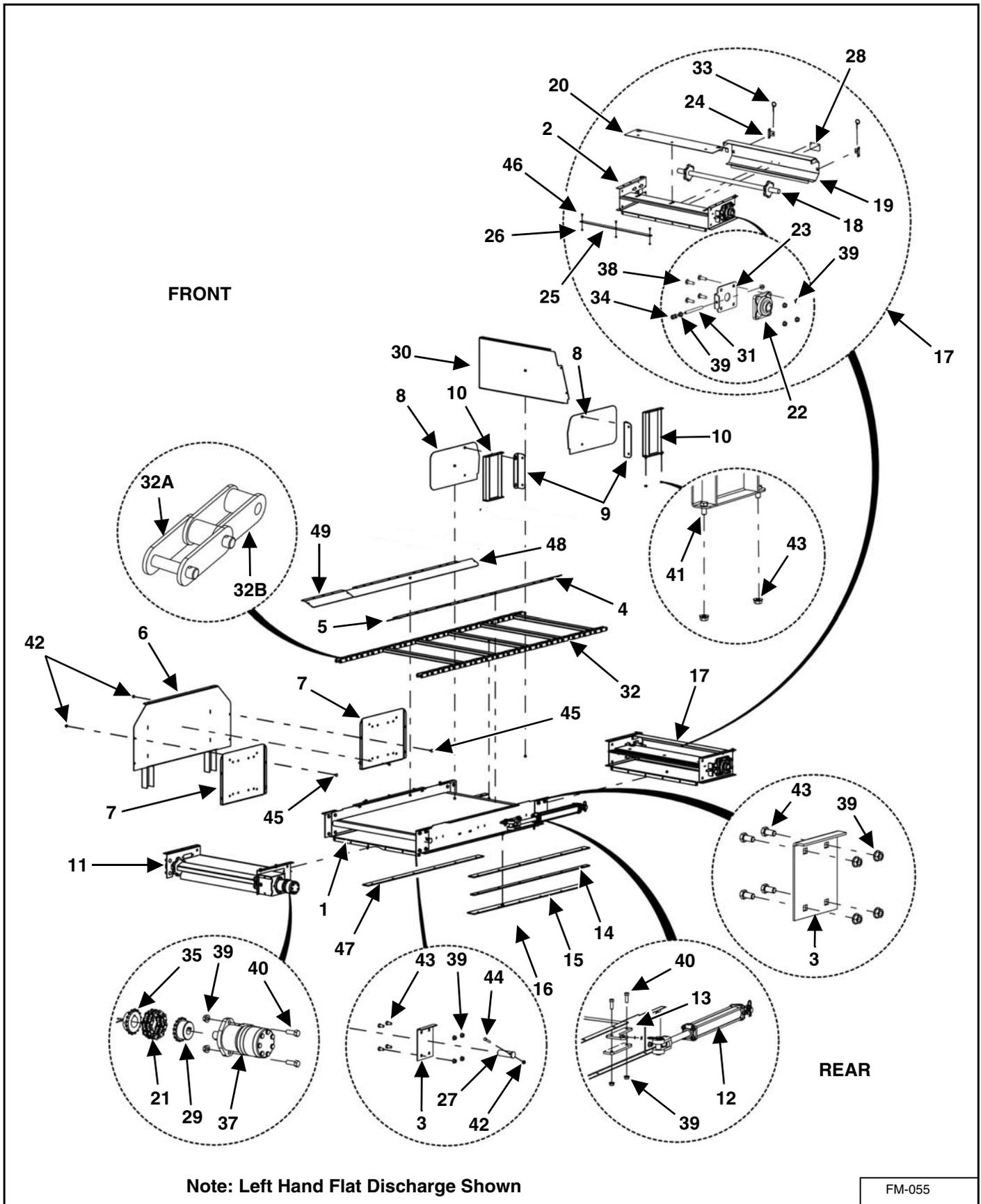


FM-025

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



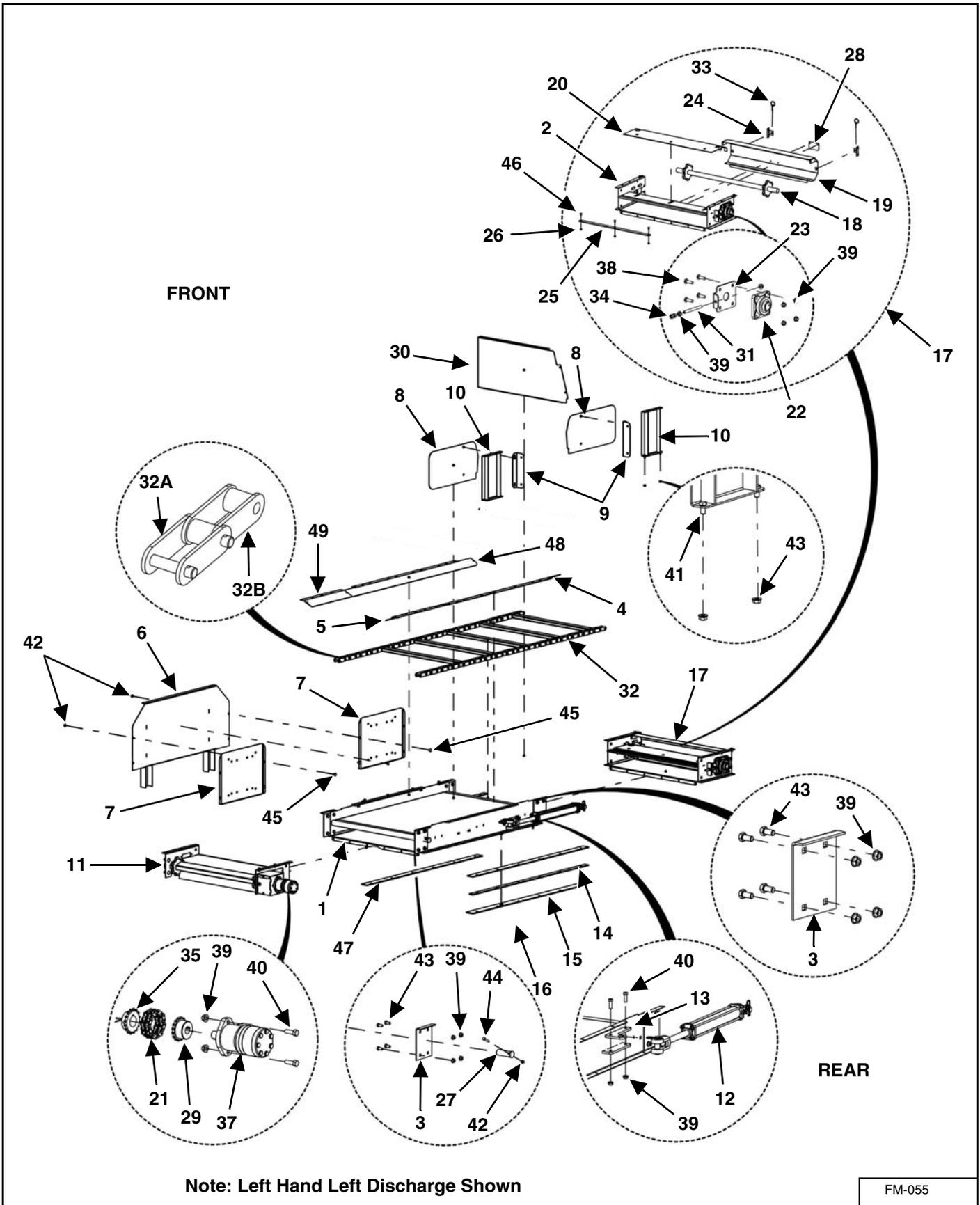
FRONT FLAT & INCLINE CHAIN CONVEYOR ASSEMBLY



FM-055

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M3-1-4-0010-1	1	Front Conveyor-Center Section Weldment	Both Models
2	M3-1-4-0011-1	1	Front Conveyor Panel Weldment	Both Models
3	M3-1-4-0016	4	Front Conveyor Connecting Plate	Both Models
4	M3-1-4-0010-2-K	1	Front Chain Cover Replacement Kit (LH Discharge-Rear, RH Discharge-Front) Prior to SN 16VM(0355209, 0470218)	Both Models
	M3-1-4-0010-2	1	Conveyor Chain Cover, Flat (LH Discharge-Rear, RH Discharge-Front) SN 16VM(0355209, 0470218) & Later	Both Models
5	M3-1-4-0010-2-K	1	Front Chain Cover Replacement Kit (LH Discharge-Rear, RH Discharge-Front) (Prior to SN 16VM(0355209, 0470218))	Both Models
	M3-1-4-0030	1	Conveyor Chain Cover, Flat SN 16VM(0355209, 0470218) & Later	Both Models
6	M3-1-4-0018	1	Front Conveyor Panel Weldment	Both Models
7	M3-1-4-0010-3	2	Front Conveyor Panel, Flat	Both Models
	M3-1-4-0010-3	1	Front Conveyor Panel, Incline	Both Models
8	M3-1-4-0021	2	Front Conveyor Shield, Flat	Both Models
	M3-1-4-0055	2	Front Conveyor Shield, Incline	Both Models
9	M3-1-4-0023	2	Front Shield Mounting Bracket	Both Models
10	M3-1-4-0022	2	Conveyor Shield Weldment	Both Models
11	See Page 24	1	Front Flat & Incline Conveyor Assembly	Both Models
12	See Page 26	1	2" x 16" x 1-1/8" Hydraulic Cylinder, Flat	Both Models
	See Page 28	1	2" x 8" x 1-1/8" Hydraulic Cylinder, Incline	Both Models
	33-0309	1	Cylinder Pin Spacer, Flat & Incline	Both Models
13	M3-1-8-0011	1	Front Conveyor Cylinder Mount	Both Models
14	M3-1-8-0009	2	Conveyor Slide Cap	Both Models
15	M3-1-8-0008	1	Conveyor Middle Slide Rear	Both Models
16	M3-1-8-0007	2	Conveyor Bottom Slide	Both Models
17	M3-1-4-0011	1	Front Conveyor Extension Assembly	Both Models

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

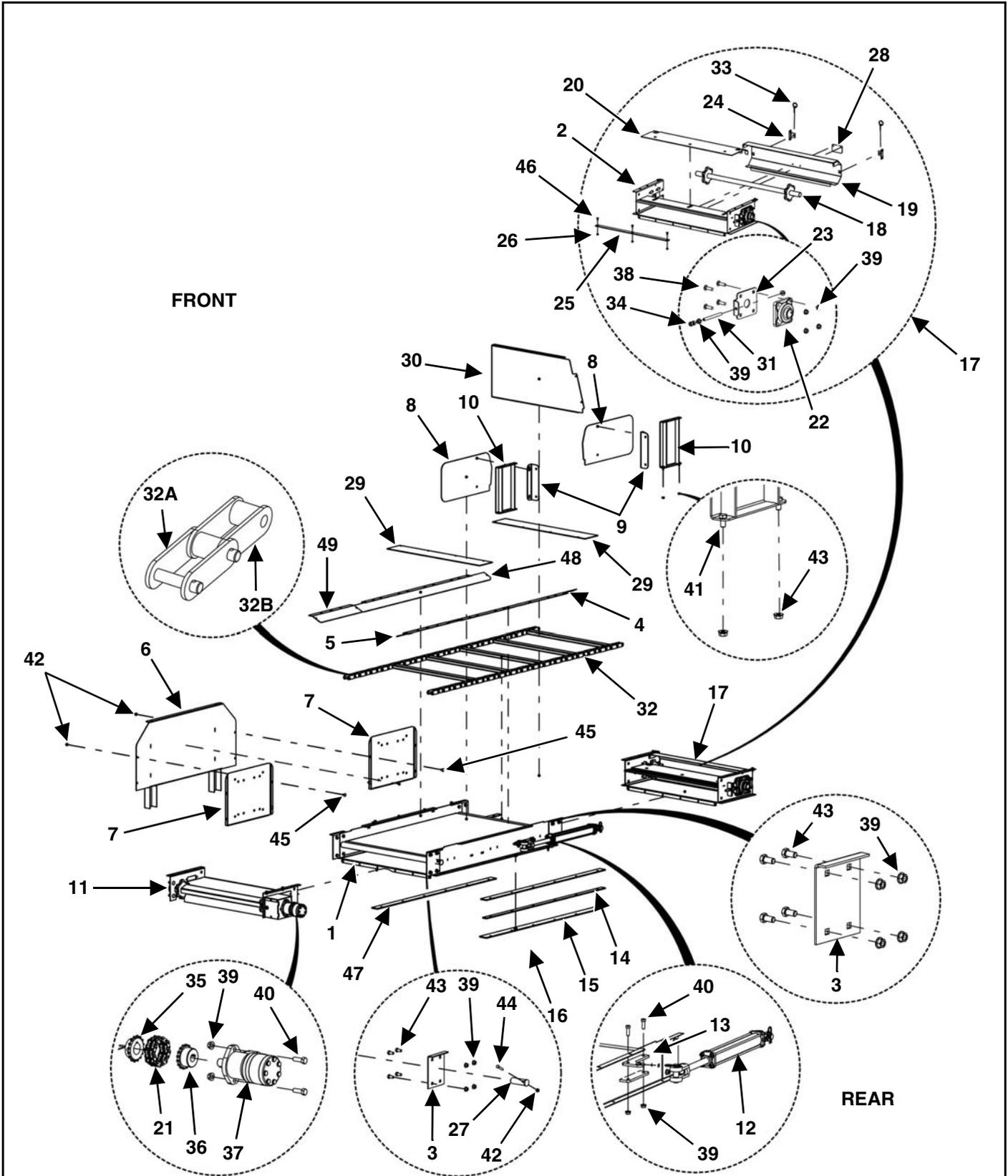


Note: Left Hand Left Discharge Shown

FM-055

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
18	23-0260	1	Conveyor Idler Shaft Assembly	Both Models
19	M3-1-4-0012	1	Conveyor Extension Chain Guard, Incline	Both Models
20	M3-1-4-0013	1	Extension Sprocket Cover	Both Models
21	37-0013-2	1	Unit Coupler Chain #50 16 Double W/Connector	Both Models
22	14-0070	4	1-1/2" 4 - Bolt Bearing	Both Models
23	M3-1-5-0044-1	2	Front Conveyor Bearing Mount	Both Models
24	M3-1-7-0034	2	Conveyor Extension Cover Latch	Both Models
25	M3-1-4-0054	1	30" Extension Adjustment Bracket Weldment	Both Models
26	813-3118	3	5/16-18 Hex Nut Plain	Both Models
27	M3-1-5-0004-2	2	Hinge Pin	Both Models
28	M3-1-7-0005-2	1	Conveyor Extension Cover Handle	Both Models
29	37-0013-1	1	Unit Coupler 1" Bore 1/4" Keyway	Both Models
30	M3-1-4-0056	1	Conveyor Cross Panel – Incline	Both Models
31	830-5013-4Z	2	1/2-13 x 4" Tap Bolt Full Threaded	Both Models
32	11-0500	1	Front Discharge, 30" Flat Conveyor 81X Chain	Both Models
32A	11-0272-4	AR	81X Connector Link	Both Models
32B	11-0272-5	AR	81X Offset Link	Both Models
33	823-0003	2	Lynch Pin 3/16" x 1-1/4"	Both Models
34	813-5013-Z	4	1/2-13 Nut	Both Models
35	110-50B16-1.50-1	1	Chain Coupler Sprocket 1-1/2" Bore x 3/8" Keyway	Both Models
36	37-0013-1	1	Unit Coupler 1" Bore 1/4" Keyway	Both Models

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

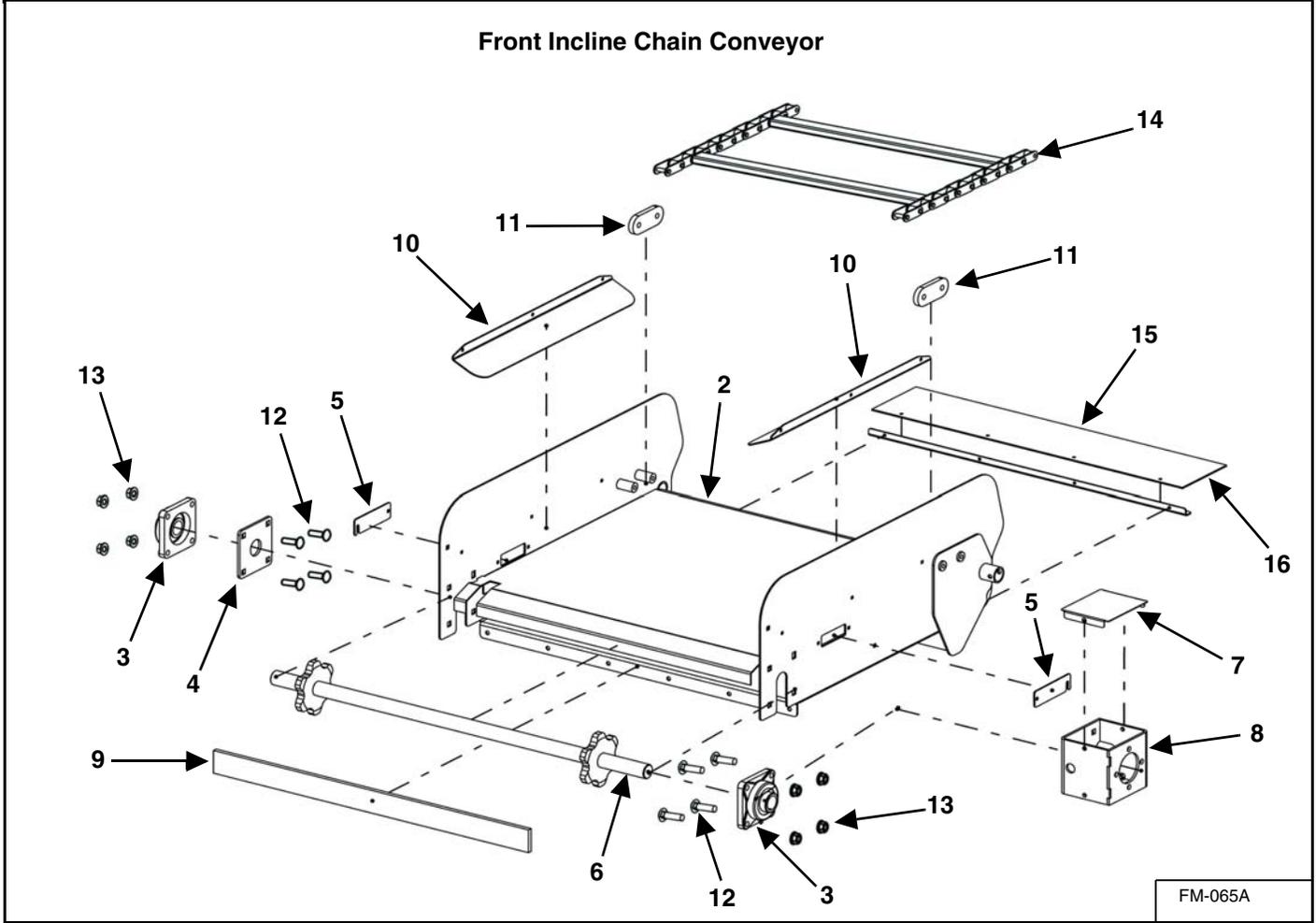
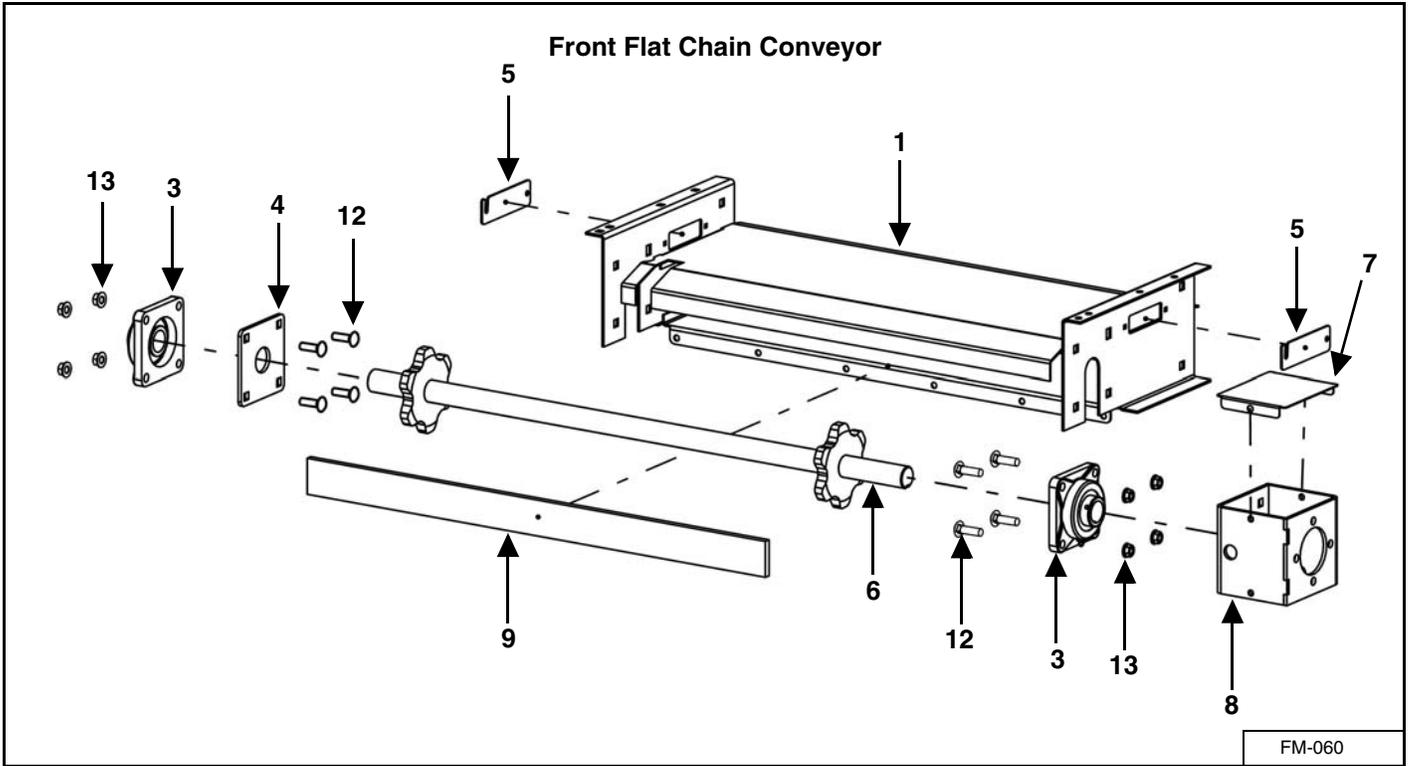


Note: Left Hand Discharge Shown

FM-055

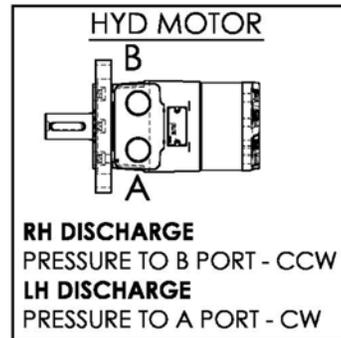
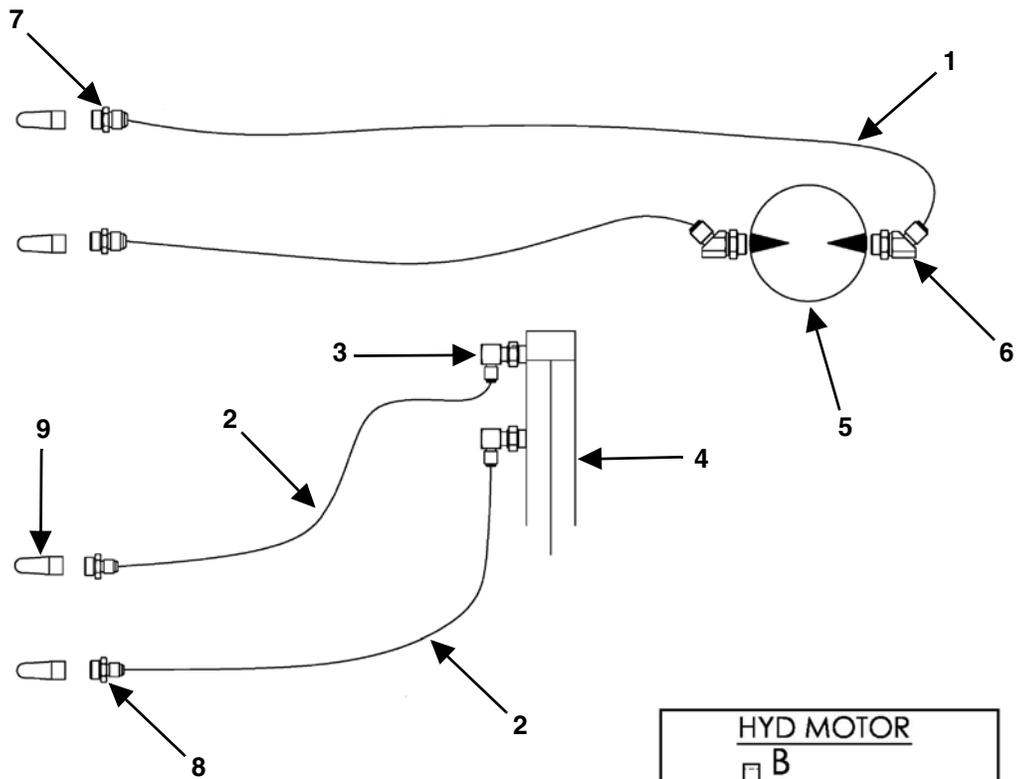
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
37	See Page 26	1	12.1 Cubic Inch 2-Bolt Motor	Both Models
38	850-5013-1.75Z	8	1/2-13 x 1-3/4" Carriage Bolt, Grade 5	Both Models
39	810-5013-Z	28	1/2" Spin Lock Nut	Both Models
40	851-5013-1.5Z	4	1/2-13 x 1-1/2" Bolt	Both Models
41	851-3816-.75Z	4	3/8-16 x 3/4" Grade 5 Machine Bolt	Both Models
42	810-3816-Z	10	3/8" Spin Lock Nut	Both Models
43	851-5013-1Z	16	1/2-13 x 1" Bolt	Both Models
44	851-3816-2Z	2	3/8-16 x 2" Grade 5 Machine Bolt	Both Models
45	850-3816-.75Z	4	3/8-16 x 3/4" Grade 5 Carriage Bolt	Both Models
46	803-3118-.75Z	3	5/16-18 x 3/4" Flat Head Socket Cap Screw	Both Models
47	M3-1-8-0035	1	Conveyor Middle Slide Front	Both Models
48	M3-1-4-0010-4-K	1	Rear Chain Cover Replacement Kit (LH Discharge-Front, RH Discharge-Rear) Prior to SN 16VM(0355209, 0470218)	Both Models
	M3-1-4-0010-4	1	Conveyor Chain Cover, Flat (LH Discharge-Front, RH Discharge-Rear) SN 16VM (0355209, 0470218) & Later	Both Models
49	M3-1-4-0010-4-K	1	Rear Chain Cover Replacement Kit (LH Discharge-Front, RH Discharge-Rear) Prior to SN 16VM(0355209, 0470218)	Both Models
	M3-1-4-0030	1	Conveyor Chain Cover, Flat SN 16VM(0355209, 0470218) & Later	Both Models

FRONT FLAT & INCLINE CHAIN CONVEYORS



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	M3-1-4-0014	1	30" Front Flat Conveyor Assembly	Both Models
	M3-1-4-0063	1	Front Incline Conveyor Assembly (30" x 36" Conveyor)	Both Models
	M3-1-4-0064	1	Front Incline Conveyor Assembly (30" x 48" Conveyor)	Both Models
	M3-1-4-0065	1	Front Incline Conveyor Assembly (30" x 60" Conveyor)	Both Models
1	M3-1-4-0014-1	1	30" Front Conveyor Ext Weldment-Flat Drive End	Both Models
2	M3-1-4-0063-1	1	Front Incline Conveyor Weldment (30" x 36" Conveyor)	Both Models
	M3-1-4-0064-1	1	Front Incline Conveyor Weldment (30" x 48" Conveyor)	Both Models
	M3-1-4-0065-1	1	Front Incline Conveyor Weldment (30" x 60" Conveyor)	Both Models
3	14-0070	4	1-1/2" 4-Bolt Bearing	Both Models
4	M3-1-4-0002	1	Extension Bearing Mount Plate	Both Models
5	M3-1-4-0015-2	2	Chute Cover	Both Models
6	23-0261	1	30" Wide Conveyor Drive Shaft Weldment, Flat & Incline	Both Models
7	M3-1-8-0006	1	Coupler Cover Plate	Both Models
8	M3-1-8-0034	1	Front Conveyor Motor Bracket	Both Models
9	49-0183	1	Front Chain Conveyor Belt	Both Models
10	M3-1-5-0025	2	Conveyor Chain Cover, Incline (36" Conveyor)	Both Models
	M3-1-5-0014	2	Conveyor Chain Cover, Incline (48" Conveyor)	Both Models
	M3-1-4-0045-2	2	Conveyor Chain Cover, Incline (60" Conveyor)	Both Models
11	M3-1-7-0006	2	Chain Hold Down Plate	Both Models
12	850-5013-1.75Z	8	1/2 – 13 x 1-3/4" Carriage Bolt, Grade 5	Both Models
13	810-5013-Z	8	1/2" Spin Lock Nut	Both Models
14	11-0502	1	Incline Ext. 81X Chain Assembly (30" x 36" Conveyor)	Both Models
	11-0503	1	Incline Ext. 81X Chain Assembly (30" x 48" Conveyor)	Both Models
	11-0504	1	Incline Ext. 81X Chain Assembly (30" x 60" Conveyor)	Both Models
15	M3-1-5-0027	1	Incline Conveyor Seal	Both Models
16	M3-1-5-0026	1	Incline Conveyor Seal Mount Bracket	Both Models

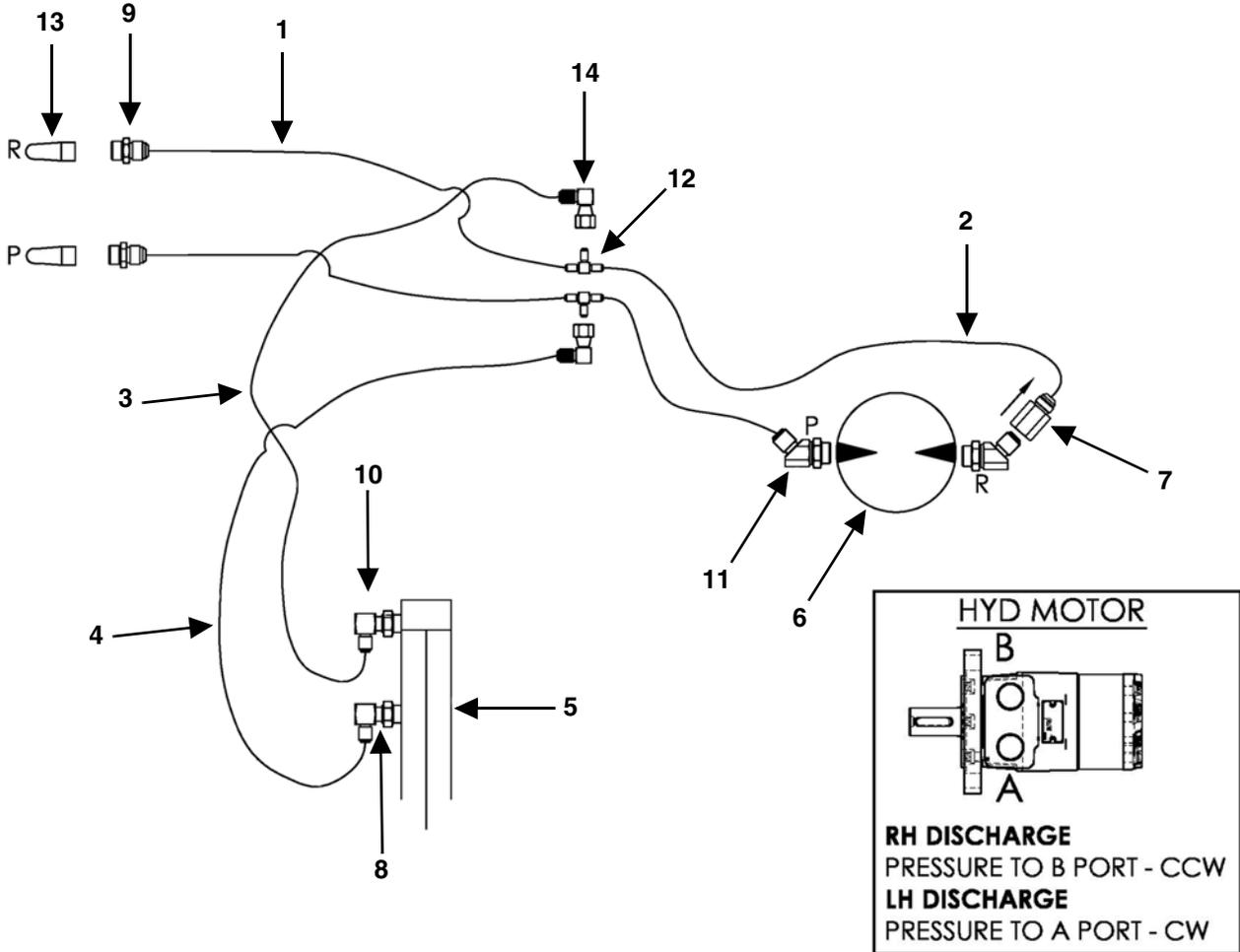
FRONT FLAT CHAIN CONVEYOR HYDRAULIC SCHEMATIC



FM-250

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-08R17-189-1	2	1/2" x 189" Hose Assembly	Both Models
2	155-04R17-193-1	2	1/4" x 193" Hose Assembly	Both Models
3	155-6801-6-8	2	#6 JIC Male, #8 ORB Male Adjustable 90°	Both Models
4	155-2-16-1.125-1	1	2" x 16" x 1-1/8" Hydraulic Cylinder	Both Models
5	155-T-11.9-1	1	11.9 Cubic Inch 2-Bolt Motor Prior to SN 15VM(0355203, 0470217)	Both Models
	155-WR-12.1-1	1	12.1 Cubic Inch 2-Bolt Motor SN 15VM(0355203, 0470217) & Later	Both Models
	55-0099-KIT	1	Motor Seal Kit Prior to SN 15VM(0355203, 0470217)	Both Models
	155-WR-SK-1	1	Motor Seal Kit SN 15VM(0355203, 0470217) & Later	Both Models
6	155-6802-8-10	2	#8 JIC Male, #10 ORB Male Adjustable 45°	Both Models
7	155-6400-8-8	2	#8 JIC Male, #8 ORB Male Straight Connector	Both Models
8	155-6400-6-8	2	#6 JIC Male, #8 ORB Male Straight Connector	Both Models
9	155-8010-15	4	#8 ORB Male Tip 1/2" Body Size	Both Models

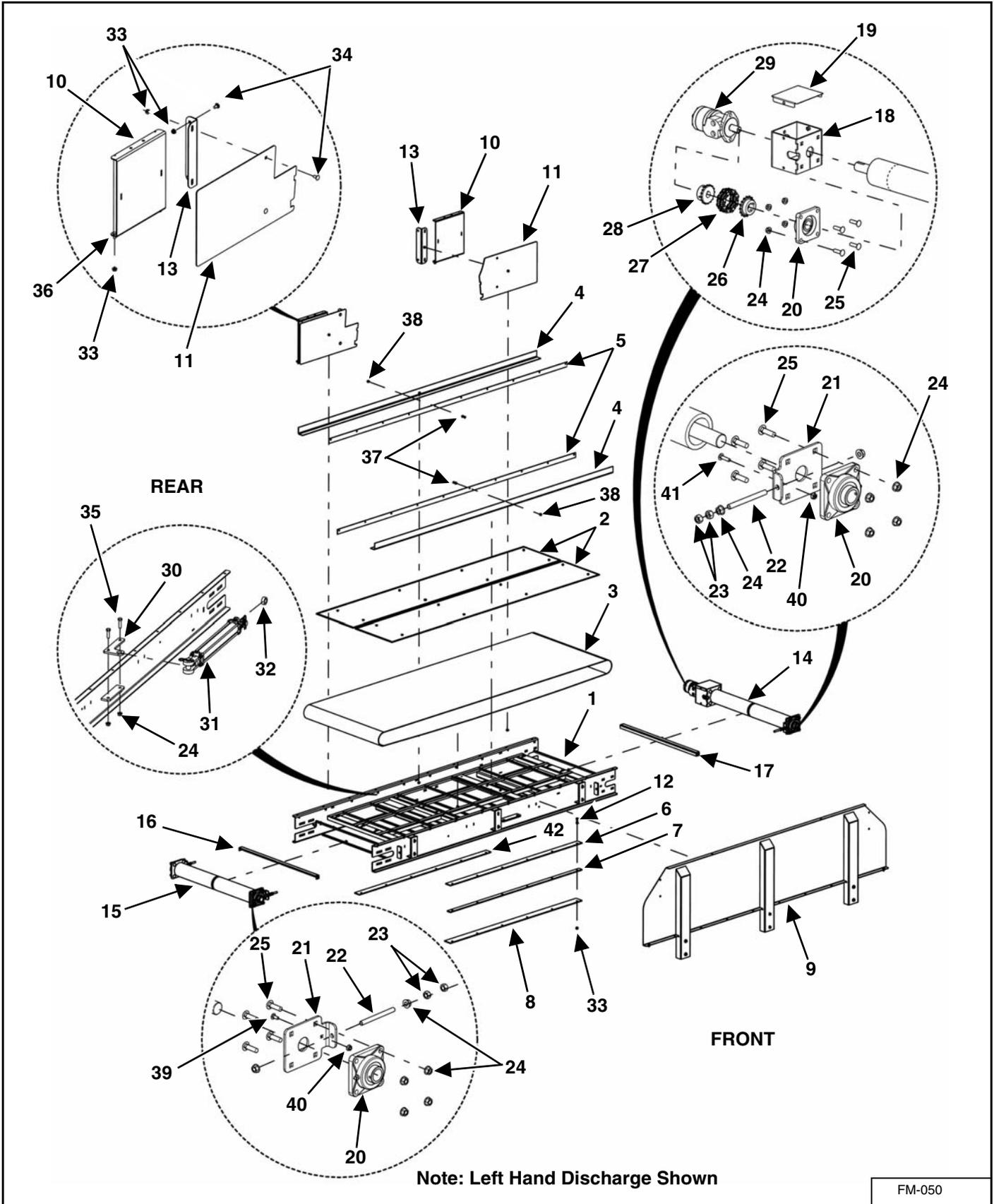
**FRONT DISCHARGE INCLINE CHAIN CONVEYOR HYDRAULIC SCHEMATIC
 MODELS 355 / 470: (30" X 36", 30" X 48", 30" X 60" CHAIN CONVEYOR)**



FM-075

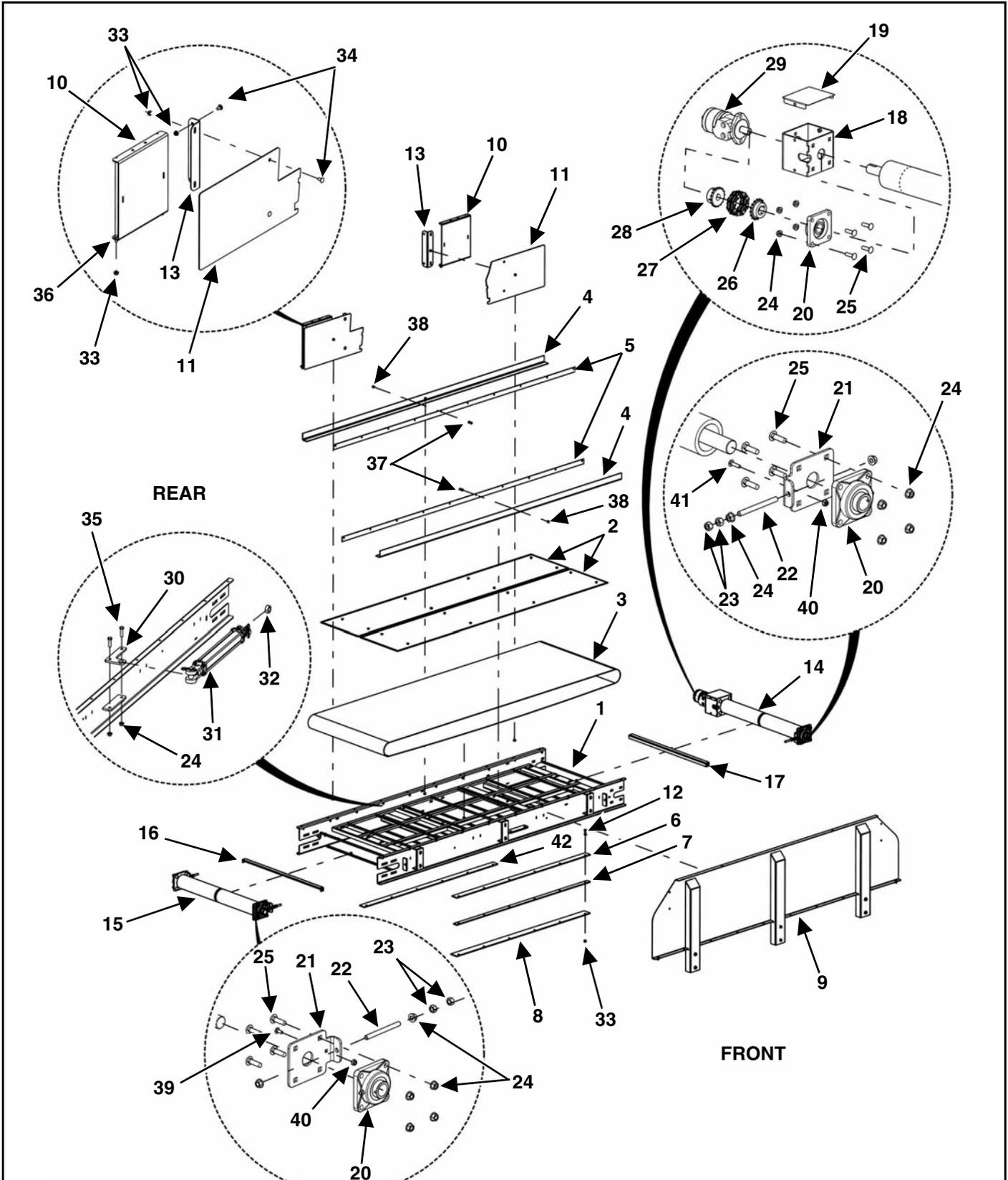
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-08R17-166-1	2	1/2" x 166" Hose Assembly (30" x 36", 30" x 48", 30" x 60" Conveyor Chain)	Both Models
2	155-08R17-45-1	2	1/2" x 45" Hose Assembly (30" x 36" Conveyor Chain)	Both Models
	155-08R17-57-1	2	1/2" x 57" Hose Assembly (30" x 48" Conveyor Chain)	Both Models
	155-08R17-69-1	2	1/2" x 69" Hose Assembly (30" x 60" Conveyor Chain)	Both Models
3	155-04R17-28-1	1	1/4" x 28" Hose Assembly (30" x 36", 30" x 48", 30" x 60" Conveyor Chain)	Both Models
4	155-04R17-19-1	1	1/4" x 19" Hose Assembly (30" x 36", 30" x 48", 30" x 60" Conveyor Chain)	Both Models
5	155-2-8-1.125-1	1	2" x 8" x 1-1/8" Hydraulic Cylinder	Both Models
6	155-T-11.9-1	1	11.9 Cubic Inch 2-Bolt Motor Prior to SN 15VM(0355203, 0470217)	Both Models
	155-WR-12.1-1	1	12.1 Cubic Inch 2-Bolt Motor SN 15VM(0355203, 0470217) & Later	Both Models
	55-0099-KIT	1	Motor Seal Kit Prior to SN 15VM(0355203, 0470217)	Both Models
	155-WR-SK-1	1	Motor Seal Kit SN 15VM(0355203, 0470217) & Later	Both Models
7	155-CV-8-1	1	Check Valve	Both Models
8	155-6801-6-8	1	#6 JIC Male, #8 ORB Male Adjustable 90°	Both Models
9	155-6400-8-8	2	#8 JIC Male, #8 ORB Male Straight Connector	Both Models
10	155-6801-6-8-55	1	#6 x #8 90° Adj Elbow With 0.055" Orifice	Both Models
11	155-6802-8-10	2	#8 JIC Male, #10 ORB Male Adjustable 45°	Both Models
12	155-2603-08-08-06	2	#8 x #8 x #8 JIC Male Tube Tee	Both Models
13	155-8010-15	2	#8 ORB Male Tip 1/2" Body Size	Both Models
14	155-6500-06-06	2	#6 JIC Male, #6 JIC Female Swivel 90° (30" x 60" Conv. Chain Only)	Both Models

FRONT FLAT BELT CONVEYOR
PRIOR TO 2017 MODEL YEAR



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M3-1-3-0001-1	1	Front Conveyor Base Weldment	Both Models
2	M3-1-3-0004	2	Front Belt Conveyor Floor	Both Models
3	49-0191	1	28-1/2" x 15.89' Belt	Both Models
	49-0191-3-AS	1	30" Conveyor Steel Belt Lacing Pin	Both Models
4	49-0192	2	Base Conveyor Skirting	Both Models
5	M3-1-3-0003	2	Front Conveyor Skirt Backer	Both Models
6	M3-1-8-0009	2	Conveyor Slide Cap	Both Models
7	M3-1-8-0008	1	Conveyor Middle Slide	Both Models
8	M3-1-8-0007	2	Conveyor Bottom Slide	Both Models
9	M3-1-3-0005	1	Front Conveyor Panel Weldment	Both Models
10	M3-1-4-0022	2	Conveyor Shield Weldment	Both Models
11	M3-1-4-0021	2	Front Conveyor Shield	Both Models
12	851-3816-1.5Z	8	3/8-16 x 1-1/2" Grade 5 Machine Bolt	Both Models
13	M3-1-4-0023	2	Front Conveyor Shield Mounting Bracket	Both Models
14	23-0263	1	29 x 4-1/2 11 GA 3/8" End Plates 1-1/2" Shaft x 36-1/8" Drive Pulley	Both Models
15	23-0264	1	29 x 4-1/2 11 GA 3/8" End Plates 1-1/2" Shaft x 35" Idler Pulley	Both Models
16	M3-1-3-0002	1	Conveyor Idler Roll Scraper	Both Models
	850-3118-.75Z	2	5/16"-18 x 3/4" Carriage Bolt	Both Models
	814-3118-Z	2	5/16"-18 Indented Lock Nut	Both Models
17	M3-1-3-0006	1	Conveyor Drive Roll Scraper	Both Models
	850-3118-.75Z	2	5/16"-18 x 3/4" Carriage Bolt	Both Models
	814-3118-Z	2	5/16"-18 Indented Lock Nut	Both Models
18	M3-1-8-0034	1	Front Conveyor Motor Bracket	Both Models
19	M3-1-8-0006	1	Coupler Cover Plate	Both Models
20	14-0070	4	1-1/2" 4-Bolt Bearing	Both Models
21	M3-1-5-0044-1	3	Front Conveyor Bearing Mount	Both Models

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

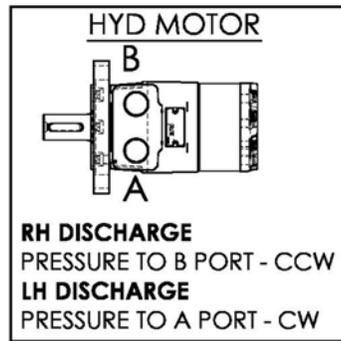
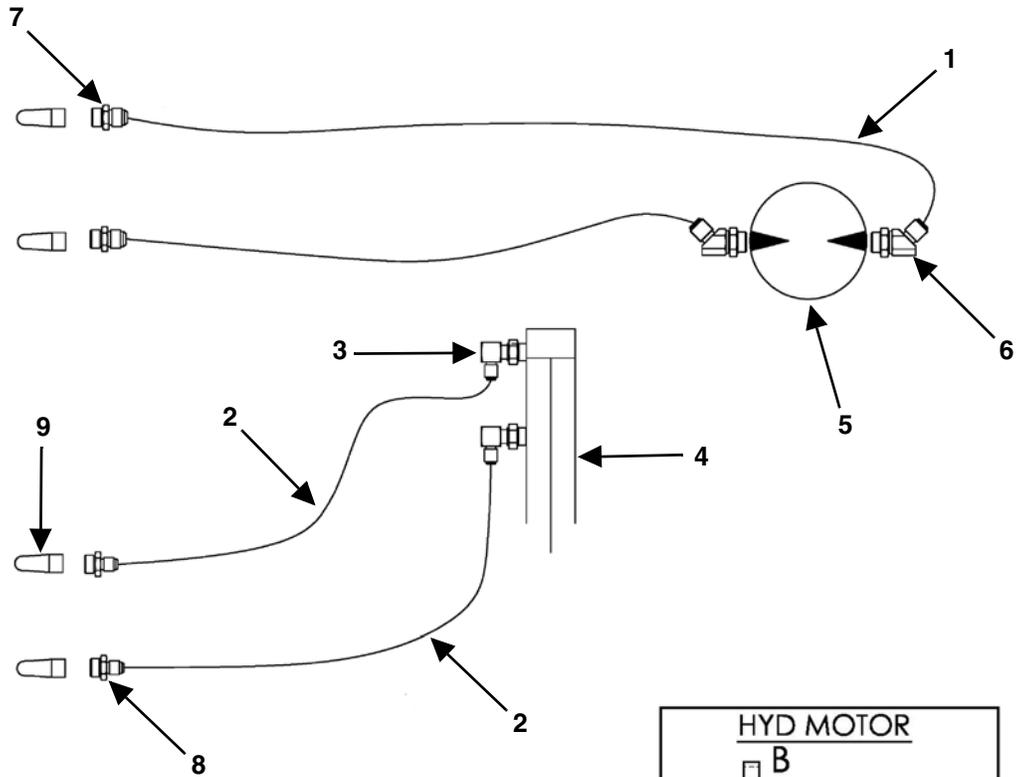


Note: Left Hand Discharge Shown

FM-050

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
22	830-5013-4Z	3	1/2-13 x 4" Tap Bolt Full Threaded	Both Models
23	813-5013-Z	6	1/2-13 Nut	Both Models
24	810-5013-Z	19	1/2" Spin Lock Nut	Both Models
25	850-5013-1.75Z	16	1/2-13 x 1-3/4" Carriage Bolt, Grade 5	Both Models
26	110-50B16-1.50-1	1	Chain Coupler Sprocket 1-1/2" Bore x 3/8" Keyway	Both Models
27	37-0013-2	1	Unit Coupler Chain #50 16 Double W/Connector	Both Models
28	37-0013-1	1	Unit Coupler 1" Bore 1/4" Keyway	Both Models
29	See Page 26	1	12.1 Cubic Inch 2-Bolt Motor	Both Models
30	M3-1-8-0011	1	Front Conveyor Cylinder Mount	Both Models
31	See Page 26	1	2" x 16" x 1-1/8" Hydraulic Cylinder	Both Models
32	33-0309	1	Cylinder Pin Spacer	Both Models
33	810-3816-Z	8	3/8 Spin Lock Nut	Both Models
34	850-3816-.75Z	4	3/8-16 x 3/4" Carriage Bolt, Grade 5	Both Models
35	851-5013-1.75Z	2	1/2-13 x 1-3/4" Grade 5 Machine Bolt	Both Models
36	851-3816-.75Z	2	3/8-16 x 3/4" Grade 5 Machine Bolt	Both Models
37	850-2520-.75Z	AR	1/4-20 x 3/4" Carriage Bolt, Grade 5	Both Models
38	810-2520-Z	AR	1/4 Spin Lock Nut	Both Models
39	850-3118-.75Z	2	5/16-18 x 3/4 Carriage Bolt, Grade 5	Both Models
40	810-3118-Z	4	5/16-18 Spin Lock Nut	Both Models
41	850-3118-1.25Z	2	5/16 x 1-1/4 Carriage Bolt, Grade 5	Both Models
42	M3-1-8-0035	1	Conveyor Middle Slide Front	Both Models

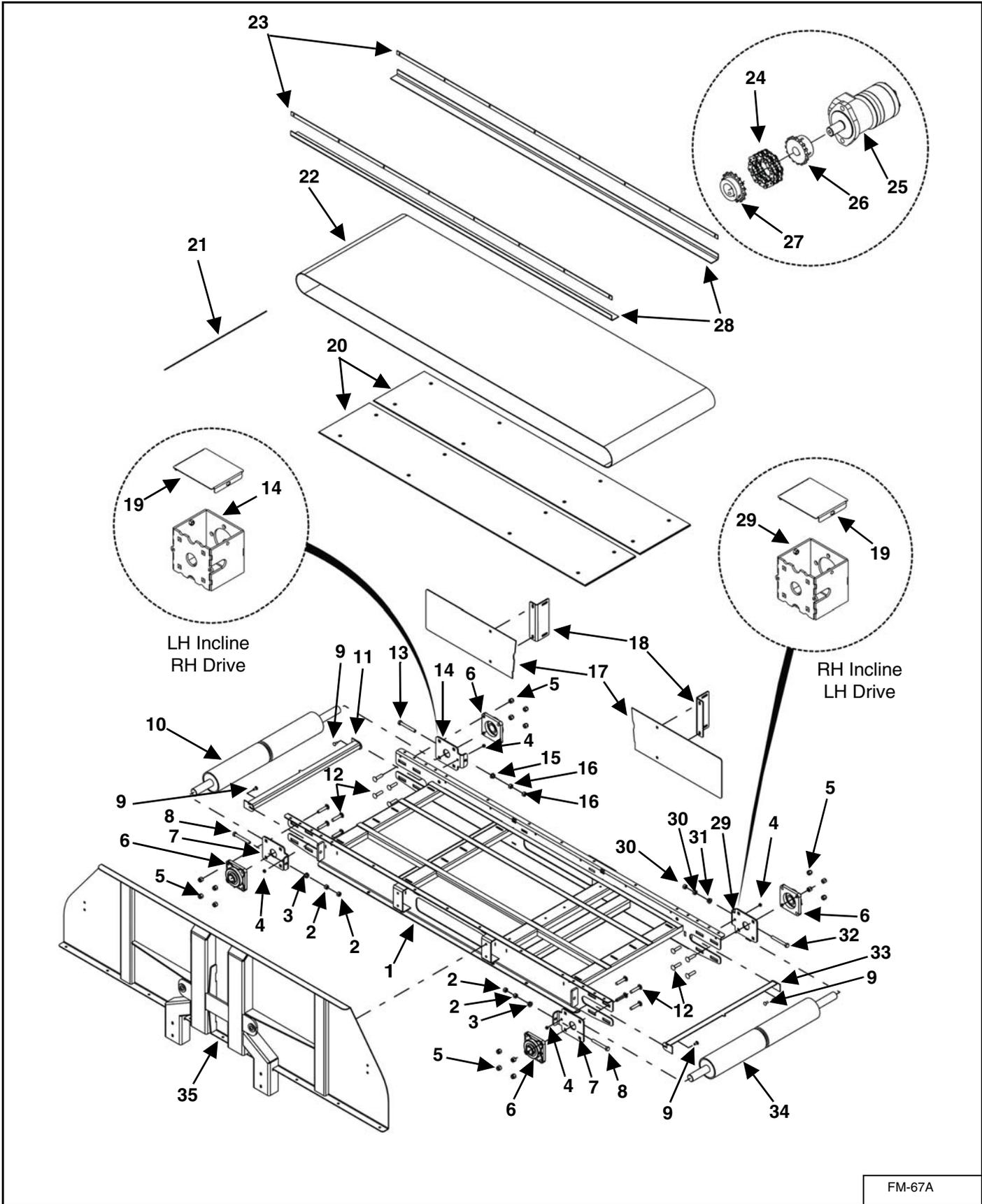
**FLAT BELT CONVEYOR HYDRAULIC SCHEMATIC
PRIOR TO 2017 MODEL YEAR**



FM-250

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-08R17-189-1	2	1/2" x 189" Hose Assembly	Both Models
2	155-04R17-193-1	2	1/4" x 193" Hose Assembly	Both Models
3	155-6801-6-8	2	#6 JIC Male, #8 ORB Male Adjustable 90°	Both Models
4	155-2-16-1.125-1	1	2" x 16" x 1-1/8" Hydraulic Cylinder	Both Models
5	155-T-11.9-1	1	11.9 Cubic Inch 2-Bolt Motor Prior to SN 15VM(0355203, 0470217)	Both Models
	155-WR-12.1-1	1	12.1 Cubic Inch 2-Bolt Motor SN 15VM(0355203, 0470217) & Later	Both Models
	55-0099-KIT	1	Motor Seal Kit Prior to SN 15VM(0355203, 0470217)	Both Models
	155-WR-SK-1	1	Motor Seal Kit SN 15VM(0355203, 0470217) & Later	Both Models
6	155-6802-8-10	2	#8 JIC Male, #10 ORB Male Adjustable 45°	Both Models
7	155-6400-8-8	2	#8 JIC Male, #8 ORB Male Straight Connector	Both Models
8	155-6400-6-8	2	#6 JIC Male, #8 ORB Male Straight Connector	Both Models
9	155-8010-15	4	#8 ORB Male Tip 1/2" Body Size	Both Models

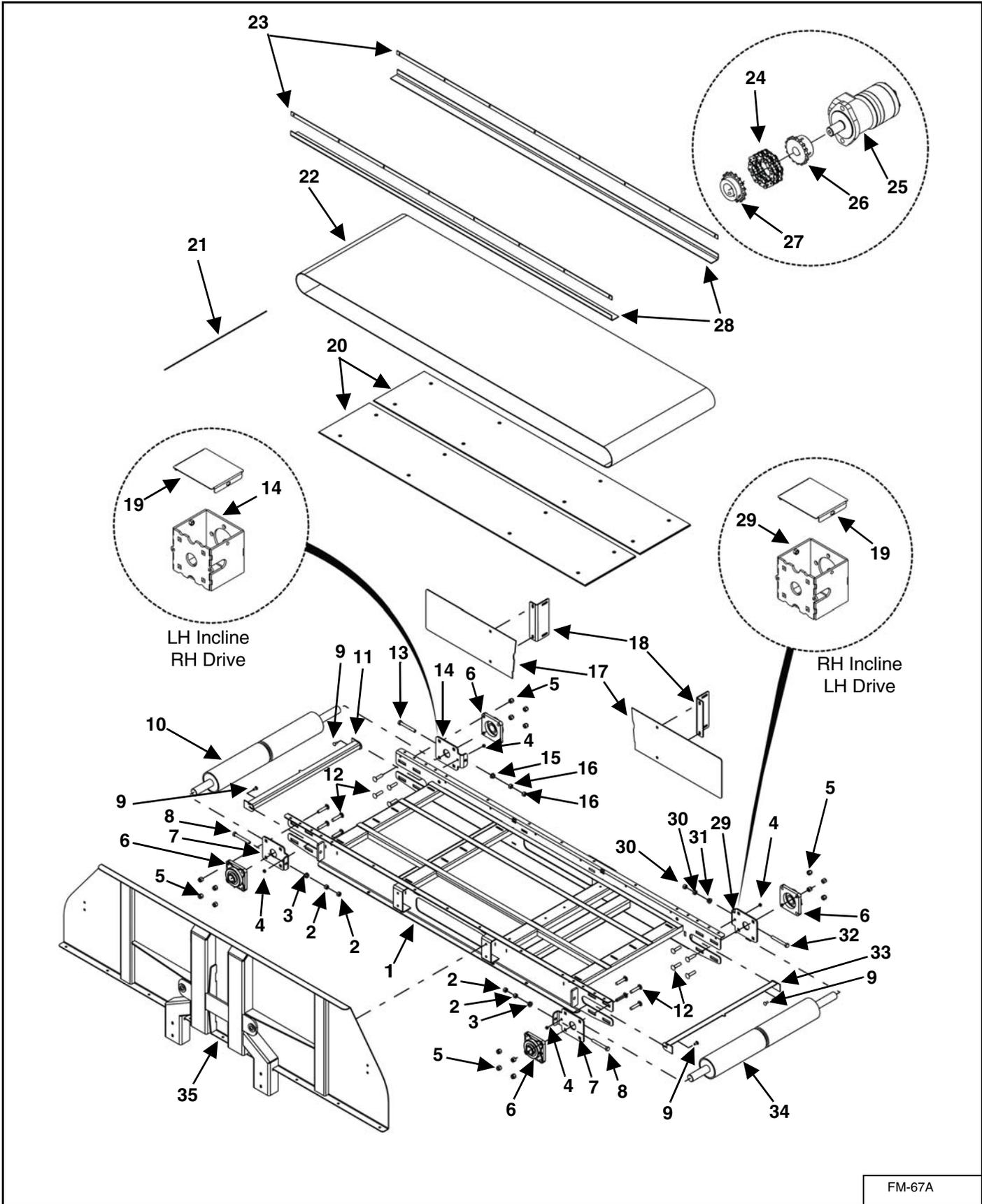
FRONT INCLINE BASE BELT CONVEYOR
 2017 MODEL YEAR THROUGH SN 17VM(0355204, 0470229)



FM-67A

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	VAS-FDBI-3036-LF	1	36" Front LH Discharge RH Drive Belt Incline Conveyor (Not Available)	Both Models
	VAS-FDBI-3036-LI	1	36" Front LH Discharge LH Drive Belt Incline Conveyor (Not Available)	Both Models
	VAS-FDBI-3036-RF	1	36" Front RH Discharge LH Drive Belt Incline Conveyor (Not Available)	Both Models
	VAS-FDBI-3036-RI	1	36" Front RH Discharge RH Drive Belt Incline Conveyor (Not Available)	Both Models
	VAS-FDBI-3048-LF	1	48" Front LH Discharge RH Drive Belt Incline Conveyor (Not Available)	Both Models
	VAS-FDBI-3048-LI	1	48" Front LH Discharge LH Drive Belt Incline Conveyor (Not Available)	Both Models
	VAS-FDBI-3048-RF	1	48" Front RH Discharge LH Drive Belt Incline Conveyor (Not Available)	Both Models
	VAS-FDBI-3048-RI	1	48" Front RH Discharge RH Drive Belt Incline Conveyor (Not Available)	Both Models
1	M3-1-3-0007-1	1	Incline Base Conveyor Weldment	Both Models
2	813-5013-Z	4	1/2-13 Nut	Both Models
3	810-5013-Z	2	1/2" Spin Lock Nut	Both Models
4	814-3118-Z	4	5/16-18 Indented Lock Nut	Both Models
5	815-5013-Z	16	1/2-13 Nylon Lock Nut	Both Models
6	14-0070	4	1-1/2" 4-Bolt Bearing Narrow Inner Race	Both Models
7	M3-1-5-0044-1	2	Front Conveyor Bearing Mount	Both Models
8	830-5013-4Z	2	1/2-13 x 4" Tap Bolt Full Threaded	Both Models
9	850-3118-.75Z	4	5/16-18 x 3/4" Carriage Bolt	Both Models
10	23-0270	1	Drive Pulley Urethane Lagged (RH Incline RH Drive)	Both Models
	23-0268	1	Idler Pulley (RH Incline LH Drive)	Both Models
	23-0264	1	Idler Pulley (LH Incline LH Drive)	Both Models
	23-0263	1	Drive Pulley Urethane Lagged (LH Incline RH Drive)	Both Models
11	M3-1-3-0006	1	Conveyor Drive Pulley Scraper (RH Drive)	Both Models
	M3-1-3-0002	1	Conveyor Idler Pulley Scraper (LH Drive)	Both Models
12	850-5013-1.75Z	16	1/2-13 x 1-3/4" Carriage Bolt	Both Models
13	830-5013-4Z	1	1/2-13 x 4" Tap Bolt Full Threaded (RH Incline RH Drive, RH Incline LH Drive, LH Incline LH Drive)	Both Models
14	M3-1-5-0044-1	1	Front Conveyor Bearing Mount (RH Incline RH Drive, RH Incline LH Drive, LH Incline LH Drive)	Both Models
	M3-1-5-0049	1	Conveyor Motor Mount Weldment (LH Incline RH Drive)	Both Models
15	810-5013-Z	1	1/2" Spin Lock Nut (RH Incline RH Drive, RH Incline LH Drive, LH Incline LH Drive)	Both Models
16	813-5013-Z	2	1/2-13 Nut (RH Incline RH Drive, RH Incline LH Drive, LH Incline LH Drive)	Both Models

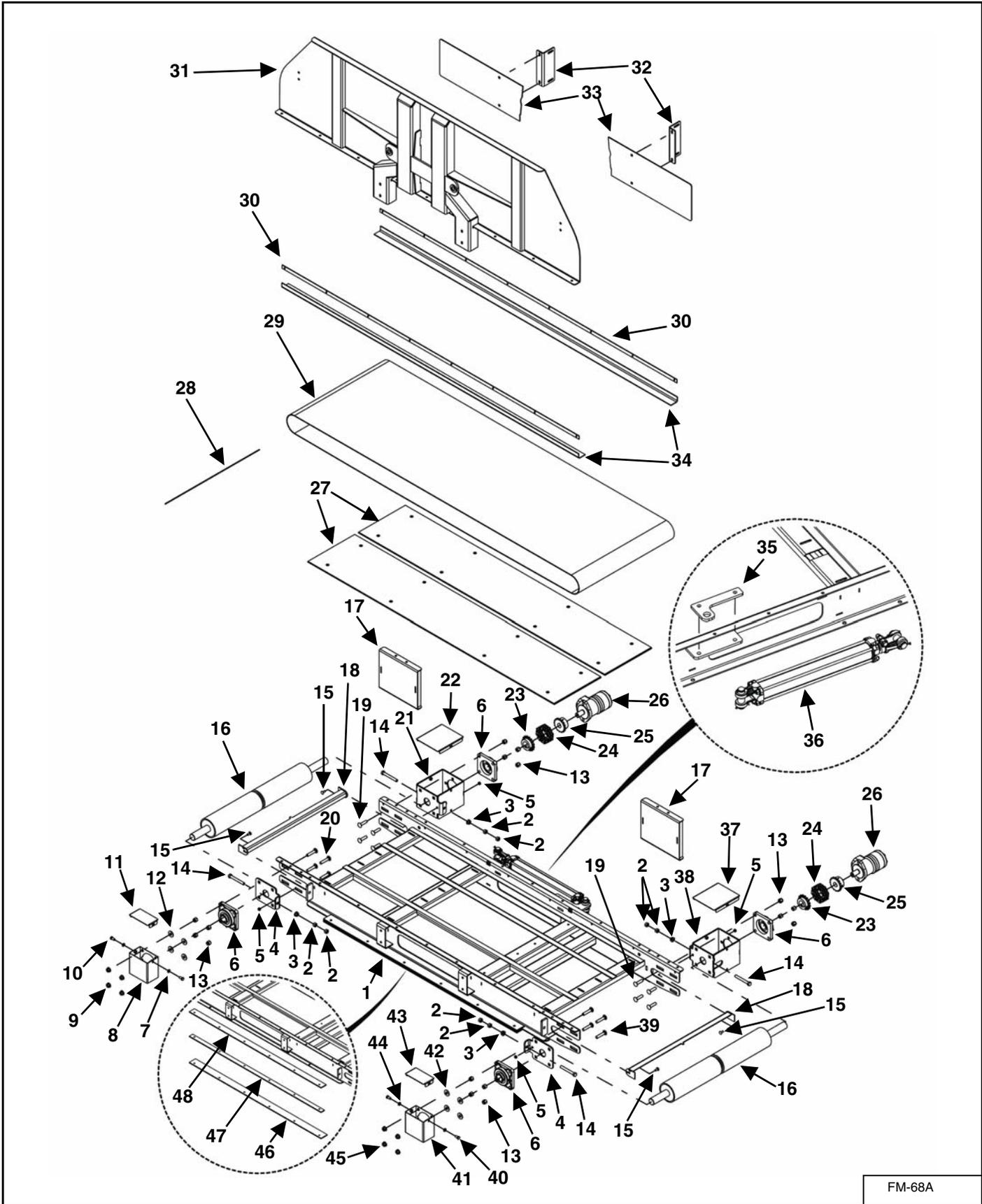
FRONT INCLINE BASE BELT CONVEYOR (CONT'D)
 2017 MODEL YEAR THROUGH SN 17VM(0355204, 0470229)



FM-67A

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
17	M3-1-4-0021	2	Front Conveyor Shield	Both Models
18	M3-1-4-0023	2	Front Conveyor Shield Mounting Bracket	Both Models
19	M3-1-8-0006	1	Coupler Cover Plate	Both Models
20	M3-1-3-0008	2	Front Belt Discharge Conveyor Floor	Both Models
21	49-0191-2-AS	1	Conveyor Belt Lacing Pin Kit	Both Models
22	49-0238-MB	1	Front Conveyor Mini Bite Belt	Both Models
23	M3-1-3-0009	2	Front Conveyor Skirt Bracket	Both Models
24	37-0013-2	1	Coupler Chain	Both Models
25	See Page 50	1	12.1 Cubic Inch 2-Bolt Motor	Both Models
26	37-0013-1	1	Coupler Sprocket	Both Models
27	110-50B16-1.50-1	1	Coupler Sprocket	Both Models
28	49-0239	2	Base Conveyor Skirting	Both Models
29	M3-1-5-0044-1	1	Front Conveyor Bearing Mount (RH Incline RH Drive, LH Incline RH Drive, LH Incline LH Drive)	Both Models
	M3-1-5-0049	1	Conveyor Motor Mount Weldment (RH Incline LH Drive)	Both Models
30	813-5013-Z	2	1/2-13 Nut (RH Incline RH Drive, LH Incline RH Drive, LH Incline LH Drive)	Both Models
31	810-5013-Z	1	1/2" Spin Lock Nut (RH Incline RH Drive, LH Incline RH Drive, LH Incline LH Drive)	Both Models
32	830-5013-4Z	1	1/2-13 x 4" Tap Bolt Full Threaded (RH Incline RH Drive, LH Incline RH Drive, LH Incline LH Drive)	Both Models
33	M3-1-3-0006	1	Conveyor Drive Pulley Scraper (LH Drive)	Both Models
	M3-1-3-0002	1	Conveyor Idler Pulley Scraper (RH Drive)	Both Models
34	23-0270	1	Drive Pulley Urethane Lagged (LH Incline LH Drive)	Both Models
	23-0268	1	Idler Pulley (LH Incline RH Drive)	Both Models
	23-0264	1	Idler Pulley (RH Incline RH Drive)	Both Models
	23-0263	1	Drive Pulley Urethane Lagged (RH Incline LH Drive)	Both Models
35	M3-1-3-0012	1	Base Conveyor Front Panel Weldment	Both Models

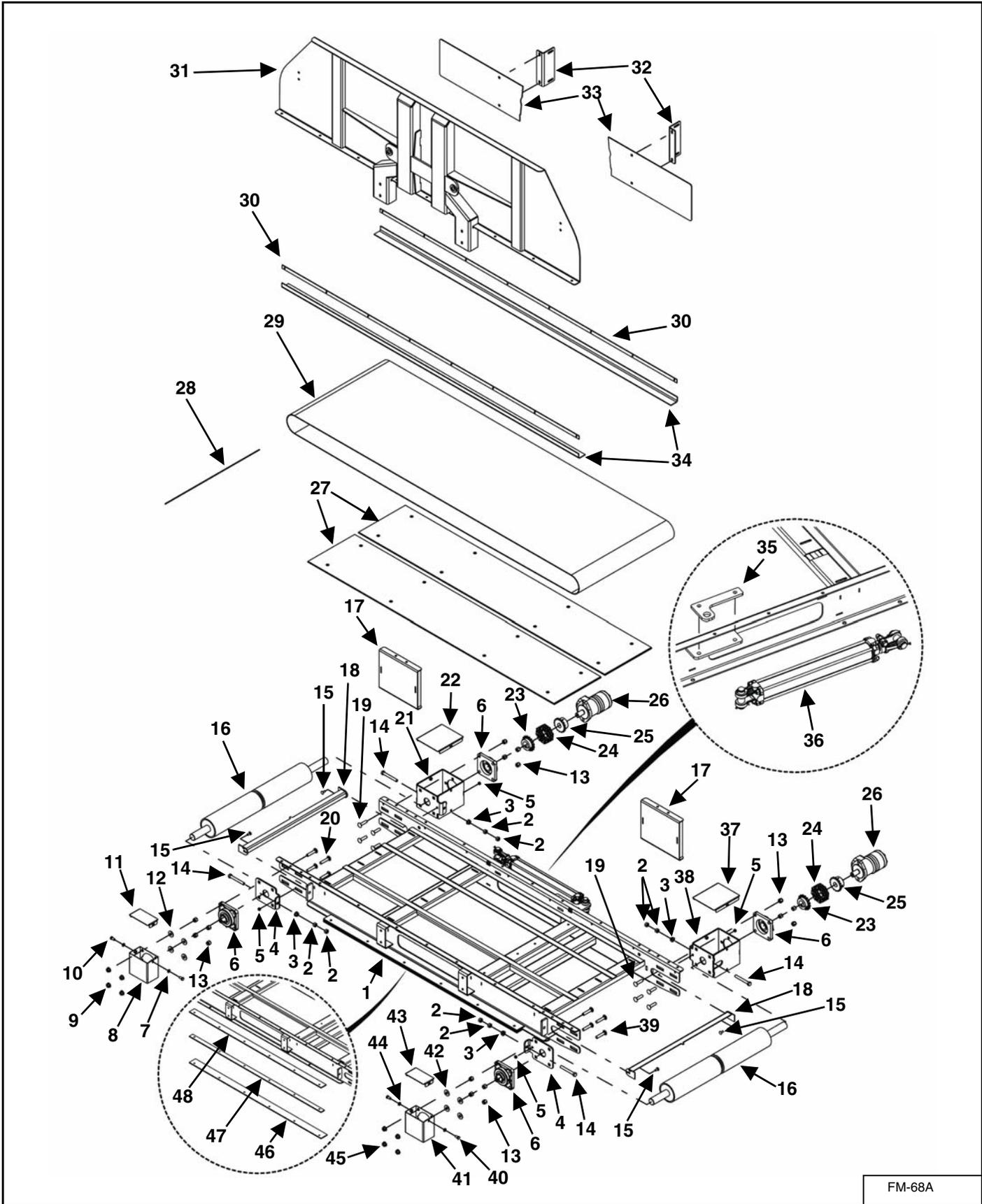
FRONT FLAT & INCLINE BASE BELT CONVEYOR
 SN 17VM(0355205, 0470230) & LATER



FM-68A

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	VAS-FDB-30-2MI	1	2 Motor Front Discharge Flat Belt Conveyor (Incline Ready)	Both Models
	VAS-FDBI-3036-L3	1	3 Motor Front LH Discharge Incline Belt Conveyor (36" Incline)	Both Models
	VAS-FDBI-3036-R3	1	3 Motor Front RH Discharge Incline Belt Conveyor (36" Incline)	Both Models
	VAS-FDBI-3048-L3	1	3 Motor Front LH Discharge Incline Belt Conveyor (48" Incline)	Both Models
	VAS-FDBI-3048-R3	1	3 Motor Front RH Discharge Incline Belt Conveyor (48" Incline)	Both Models
	VAS-FDBI-3060-L3	1	3 Motor Front LH Discharge Incline Belt Conveyor (60" Incline)	Both Models
	VAS-FDBI-3060-R3	1	3 Motor Front RH Discharge Incline Belt Conveyor (60" Incline)	Both Models
1	M3-1-3-0007-1	1	Incline Base Conveyor Weldment	Both Models
2	813-5013-Z	8	1/2-13 Nut	Both Models
3	810-5013-Z	4	1/2" Spin Lock Nut	Both Models
4	M3-1-5-0044-1	2	Front Conveyor Bearing Mount	Both Models
5	814-3118-Z	4	5/16-18 Indented Lock Nut	Both Models
6	14-0070	4	1-1/2" 4-Bolt Bearing Narrow Inner Race	Both Models
7	822-0038-Z	2	3/8" Split Lock Washer (No Incline, LH Incline)	Both Models
8	M3-1-8-0047	1	Shaft Cover Weldment (No Incline, LH Incline)	Both Models
9	810-5013-Z	4	1/2" Spin Lock Nut (No Incline, LH Incline)	Both Models
10	851-3816-.75Z	2	3/8-16 x 3/4" Machine Bolt (No Incline, LH Incline)	Both Models
11	M3-1-8-0048	1	Shaft Cover Plate (No Incline, LH Incline)	Both Models
12	805-0050-Z	4	1/2" Flat Washer (No Incline, LH Incline)	Both Models
13	815-5013-Z	16	1/2-13 Nylon Lock Nut	Both Models
14	830-5013-4Z	4	1/2-13 x 4" Tap Bolt Full Threaded	Both Models
15	850-3118-.75Z	4	5/16-18 x 3/4" Carriage Bolt	Both Models
16	23-0270	2	Drive Pulley Urethane Lagged	Both Models
17	M3-1-4-0076	2	Conveyor Shield Weldment (Front Flat Sliding Conveyor Only)	Both Models
18	M3-1-3-0006	2	Conveyor Drive Pulley Scraper Prior to SN 17VM(0355212)	355
	M3-1-3-0018	2	Conveyor Pulley Scraper SN 17V(M0355212) & Later	Both Models
19	850-5013-1.75Z	8	1/2-13 x 1-3/4" Carriage Bolt	Both Models
20	850-5013-2.25Z	4	1/2-13 x 2-1/4" Carriage Bolt (No Incline, LH Incline)	Both Models
	850-5013-1.75Z	4	1/2-13 x 1-3/4" Carriage Bolt (RH Incline)	Both Models
21	M3-1-8-0046	1	Front Conveyor Motor Mount Weldment (No Incline, LH Incline)	Both Models
	M3-1-5-0044-1	1	Front Conveyor Bearing Mount (RH Incline)	Both Models
22	M3-1-8-0045	1	Chain Coupler Cover Plate (No Incline, LH Incline)	Both Models
	851-3816-.75Z	2	3/8-16 x 3/4" Machine Bolt (No Incline, LH Incline)	Both Models
	822-0038-Z	2	3/8" Split Lock Washer (No Incline, LH Incline)	Both Models

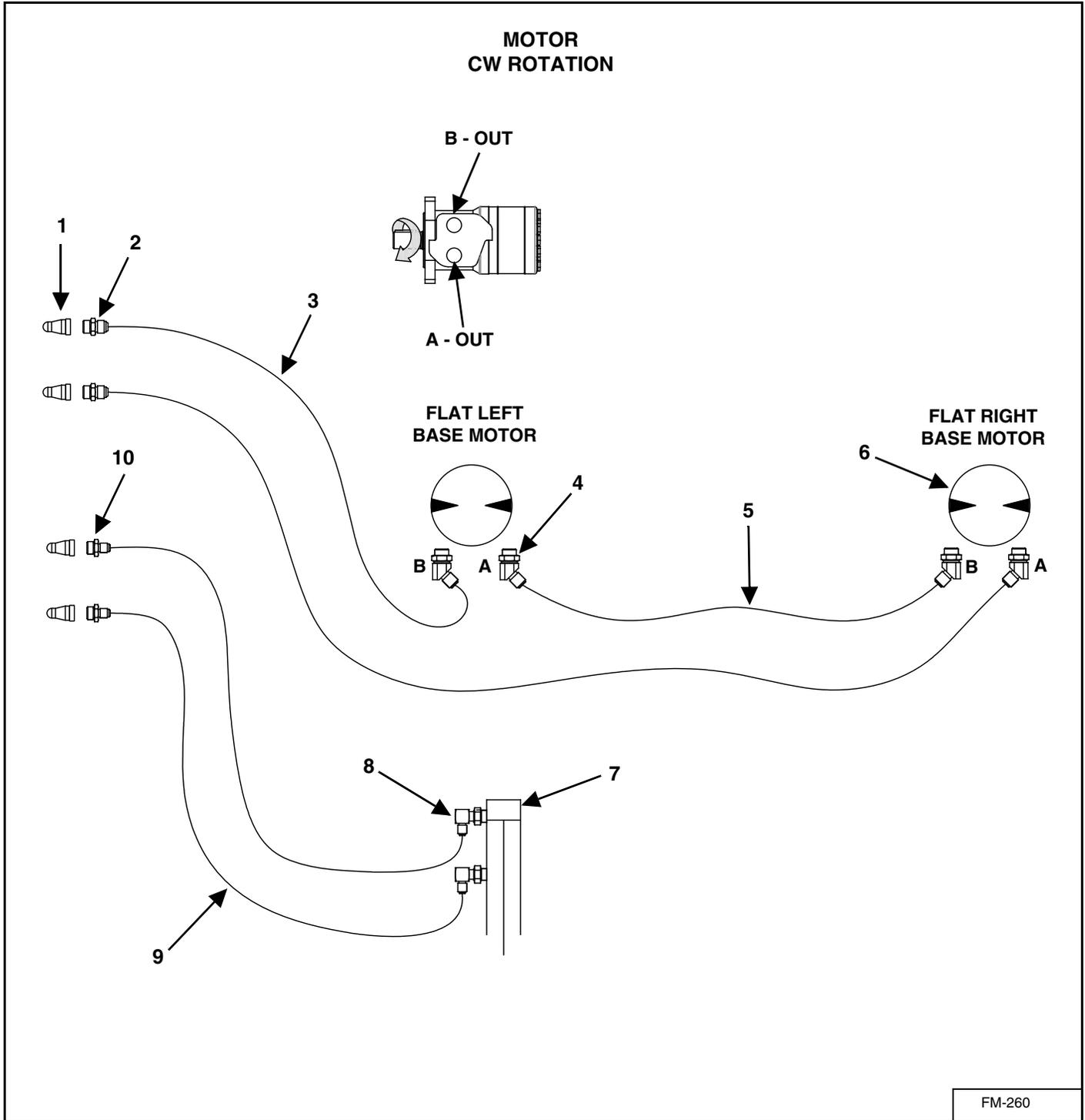
FRONT FLAT & INCLINE BASE BELT CONVEYOR (CONT'D)
 SN 17VM(0355205, 0470230) & LATER



FM-68A

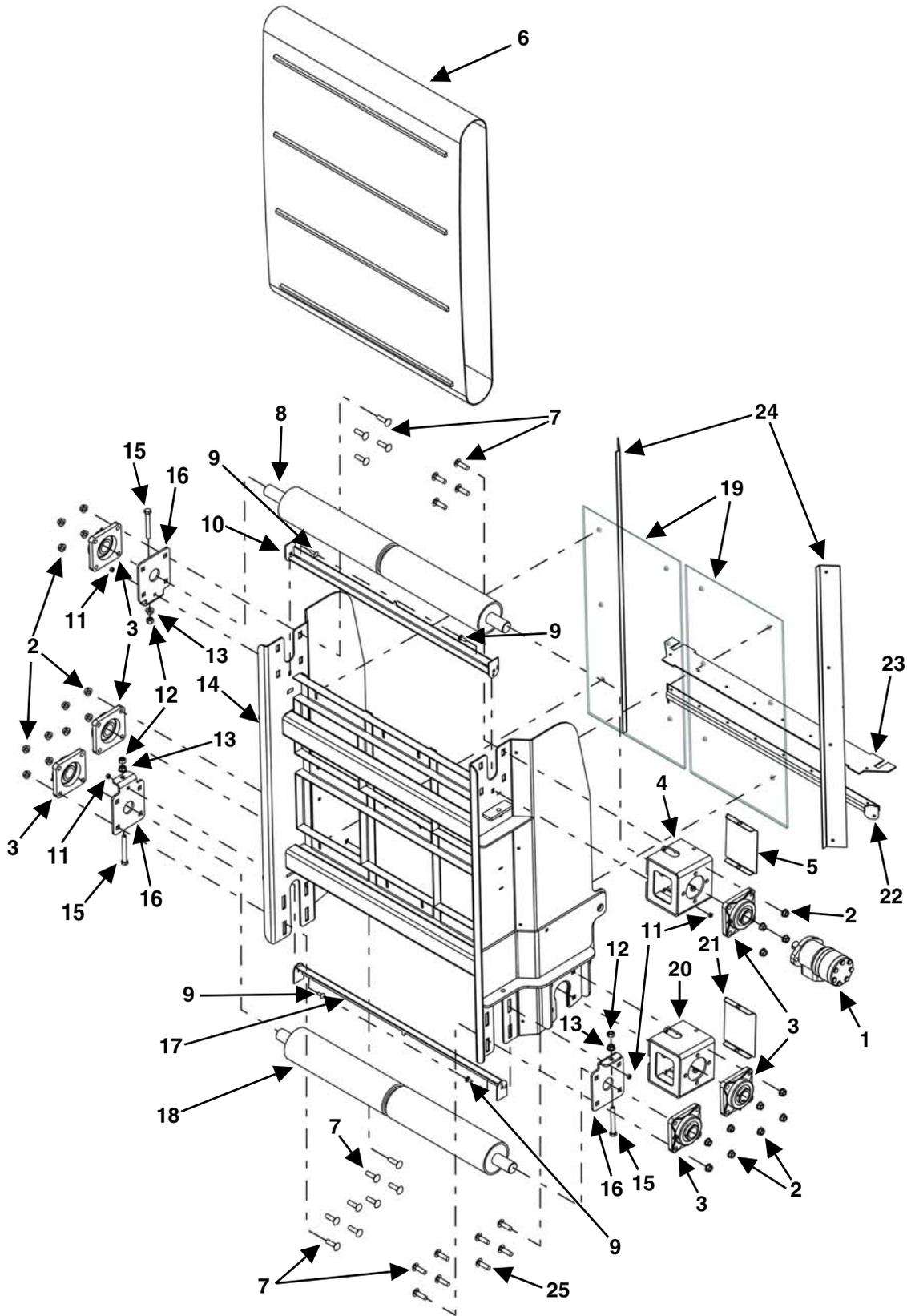
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
23	110-50B16-1.50-1	2	Coupler Sprocket	Both Models
24	37-0013-2	2	Coupler Chain	Both Models
25	37-0013-1	2	Coupler Sprocket	Both Models
26	See Pages 44 &52	2	12.1 Cubic Inch 2-Bolt Motor	Both Models
27	M3-1-3-0008	2	Front Belt Discharge Conveyor Floor	Both Models
28	49-0191-2-AS	1	Conveyor Belt Lacing Pin Kit	Both Models
29	49-0238-MB	1	Front Conveyor Mini Bite Belt	Both Models
30	M3-1-3-0009	2	Front Conveyor Skirt Bracket	Both Models
31	M3-1-3-0012	1	Base Conveyor Front Panel Weldment	Both Models
32	M3-1-4-0023	2	Front Conveyor Shield Mounting Bracket	Both Models
33	M3-1-4-0021	2	Front Conveyor Shield	Both Models
34	49-0239	2	Base Conveyor Skirting	Both Models
35	M3-1-8-0011	1	Front Conveyor Cylinder Mount (Front Flat Sliding Conveyor Only)	Both Models
	851-5013-1.75Z	2	1/2-13 x 1-3/4" Machine Bolt (Front Flat Sliding Conveyor Only)	Both Models
	810-5013-Z	2	1/2" Spin Lock Nut (Front Flat Sliding Conveyor Only)	Both Models
36	See Page 44	1	2" x 16" x 1-1/8" Hydraulic Cylinder (Front Flat Sliding Conveyor Only)	Both Models
37	M3-1-8-0045	1	Chain Coupler Cover Plate (No Incline, RH Incline)	Both Models
	851-3816-.75Z	2	3/8-16 x 3/4" Machine Bolt (No Incline, RH Incline)	Both Models
	822-0038-Z	2	3/8" Split Lock Washer (No Incline, RH Incline)	Both Models
38	M3-1-8-0046	1	Front Conveyor Motor Mount Weldment (No Incline, RH Incline)	Both Models
	M3-1-5-0044-1	1	Front Conveyor Bearing Mount (LH Incline)	Both Models
39	850-5013-2.25Z	4	1/2-13 x 2-1/4" Carriage Bolt (No Incline, RH Incline)	Both Models
	850-5013-1.75Z	4	1/2-13 x 1-3/4" Carriage Bolt (LH Incline)	Both Models
40	851-3816-.75Z	2	3/8-16 x 3/4" Machine Bolt (No Incline, RH Incline)	Both Models
41	M3-1-8-0047	1	Shaft Cover Weldment (No Incline, RH Incline)	Both Models
42	805-0050-Z	4	1/2" Flat Washer (No Incline, RH Incline)	Both Models
43	M3-1-8-0048	1	Shaft Cover Plate (No Incline, RH Incline)	Both Models
44	822-0038-Z	2	3/8" Split Lock Washer (No Incline, RH Incline)	Both Models
45	810-5013-Z	4	1/2" Spin Lock Nut (No Incline, RH Incline)	Both Models
46	M3-1-8-0007	2	Conveyor Bottom Slide (Front Flat Sliding Conveyor Only)	Both Models
47	M3-1-8-0008	2	Conveyor Middle Slide (Front Flat Sliding Conveyor Only)	Both Models
48	M3-1-8-0009	2	Conveyor Slide Cap (Front Flat Sliding Conveyor Only)	Both Models

**FRONT FLAT BELT CONVEYOR HYDRAULIC SCHEMATIC
SN 17VM(0355205, 0470230) & LATER**



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-8010-15	4	#8 ORB Male Tip 1/2" Body Size	Both Models
2	155-6400-8-8	2	#8 JIC Male, #8 ORB Male Straight Connector	Both Models
3	155-08R17-189-1	2	1/2" x 189" Hose Assembly	Both Models
4	155-6802-8-10	4	#8 JIC Male, #10 ORB Male Adjustable 45°	Both Models
5	155-08R17-166-1	1	1/2" x 166" Hose Assembly	Both Models
6	155-WR-12.1-1	2	12.1 Cubic Inch 2-Bolt Motor	Both Models
	155-WR-SK-1	AR	Motor Seal Kit	Both Models
7	155-2-16-1.125-1	1	2" x 16" x 1-1/8" Hydraulic Cylinder	Both Models
	155-2-1.125-1-DSK	1	Cylinder Seal Kit	Both Models
8	155-6801-6-8	2	#6 JIC Male, #8 ORB Male Adjustable 90°	Both Models
9	155-04R17-193-1	2	1/4" x 193" Hose Assembly	Both Models
10	155-6400-6-8	2	#6 JIC Male, #8 ORB Male Straight Connector	Both Models

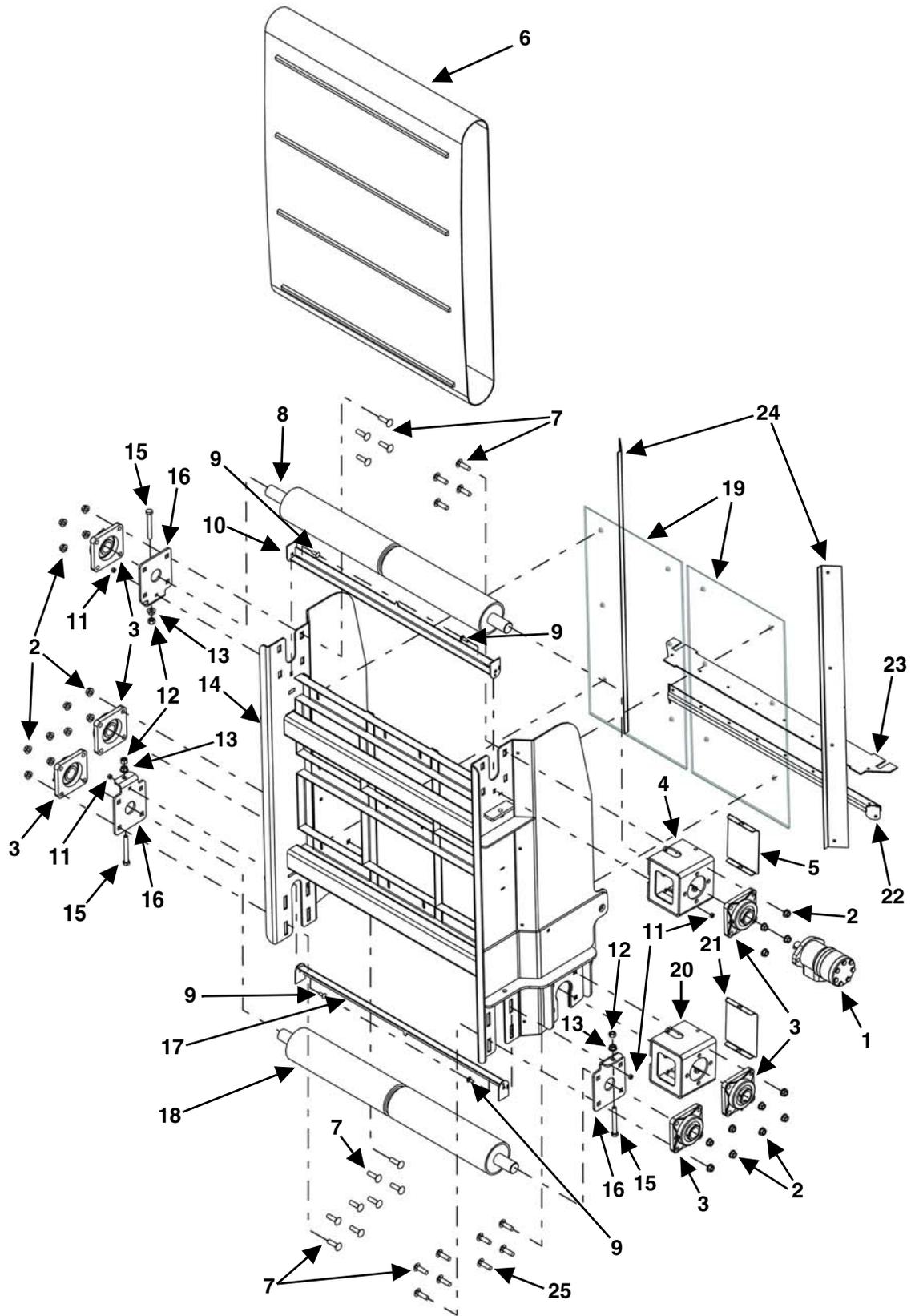
FRONT INCLINE BELT CONVEYOR
MODEL YEAR 2017 & LATER



FM-265A

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	VAS-FDB-LI36K	1	36" Front LH Belt Conveyor, Incline Section Only Kit	Both Models
	VAS-FDB-RI36K	1	36" Front RH Belt Conveyor, Incline Section Only Kit	Both Models
	VAS-FDB-LI48K	1	48" Front LH Belt Conveyor, Incline Section Only Kit	Both Models
	VAS-FDB-RI48K	1	48" Front RH Belt Conveyor, Incline Section Only Kit	Both Models
	VAS-FDB-LI60K	1	60" Front LH Belt Conveyor, Incline Section Only Kit	Both Models
	VAS-FDB-RI60K	1	60" Front RH Belt Conveyor, Incline Section Only Kit	Both Models
1	See Page 50	1	7.9 Cubic Inch 2-Bolt Motor 2017 Model Year Through SN 17V(0355204, 0470229)	Both Models
	See Page 52	1	7.9 Cubic Inch 2-Bolt Motor SN 17V(0355205, 0470230) & Later	Both Models
2	810-5013-Z	24	1/2" Spin Lock Nut	Both Models
3	14-0070	6	1-1/2" 4-Bolt Bearing Narrow Inner Race	Both Models
4	M3-1-5-0049	1	Conveyor Motor Mount Weldment	Both Models
5	M3-1-8-0006	1	Coupler Cover Plate	Both Models
	851-3816-.75Z	2	3/8-16 x 3/4" Machine Bolt	Both Models
	822-0038-Z	2	3/8" Split Lock Washer	Both Models
6	49-0240-MB	1	36" Incline Mini Bite Belt	Both Models
	49-0252-MB	1	48" Incline Mini Bite Belt	Both Models
	49-0261-MB	1	60" Incline Mini Bite Belt	Both Models
7	850-5013-1.75Z	20	1/2-13 x 1-3/4" Carriage Bolt	Both Models
8	23-0263	1	Drive Pulley Urethane Lagged	Both Models
9	850-3118-1Z	4	5/16-18 x 1" Carriage Bolt	Both Models
10	M3-1-3-0006	1	Conveyor Drive Pulley Scraper Prior to SN 17VM(0355212, 0470230)	Both Models
	M3-1-3-0018	1	Conveyor Pulley Scraper SN 17VM(0355212, 0470230) & Later	Both Models
11	814-3118-Z	4	5/16-18 Indented Lock Nut	Both Models
12	813-5013-Z	3	1/2-13 Nut	Both Models
13	810-5013-Z	3	1/2" Spin Lock Nut	Both Models
14	M3-1-3-0010-1	1	36" Front Incline Belt Conveyor, Incline Frame Weldment	Both Models
	M3-1-3-0014-1	1	48" Front Incline Belt Conveyor, Incline Frame Weldment	Both Models
	M3-1-3-0019-1	1	60" Front Incline Belt Conveyor, Incline Frame Weldment	Both Models

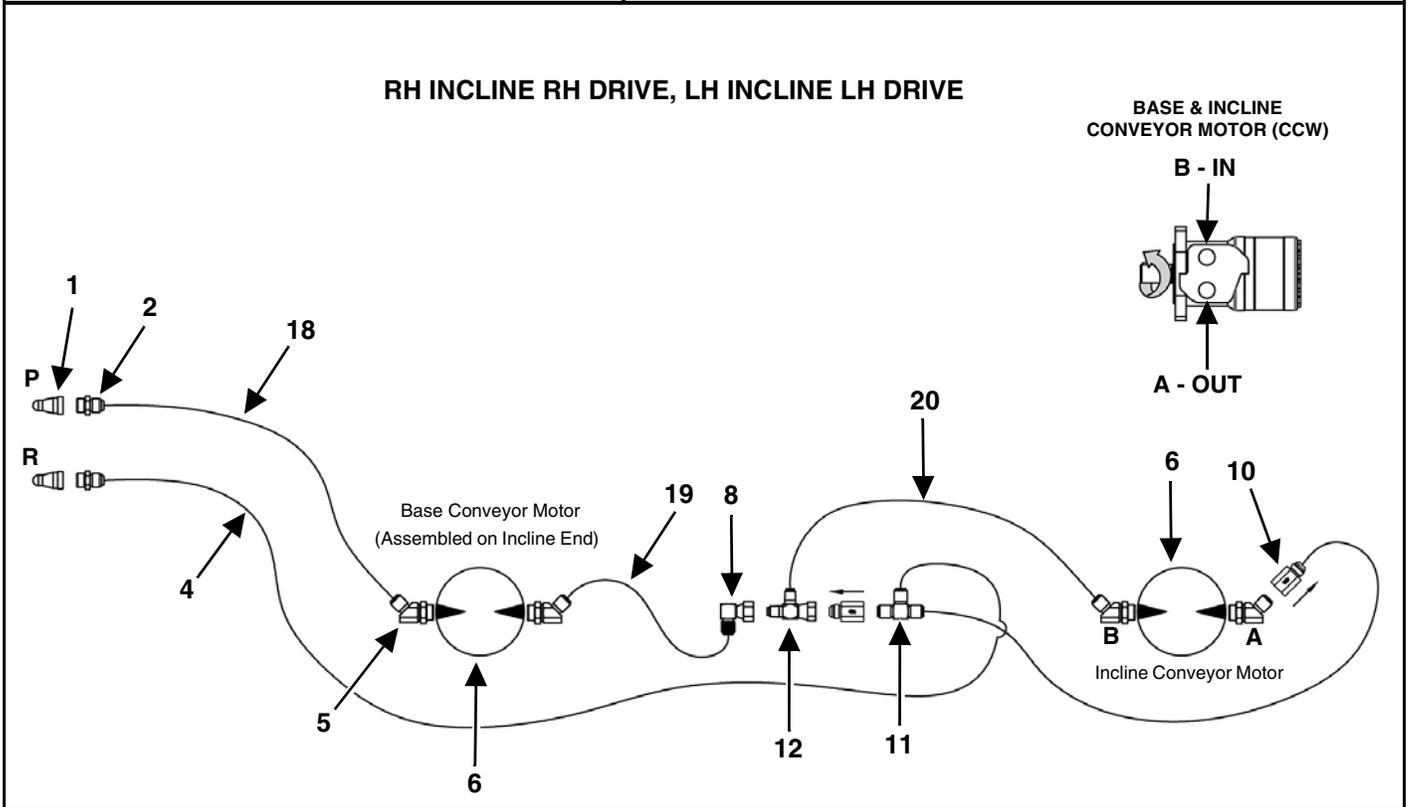
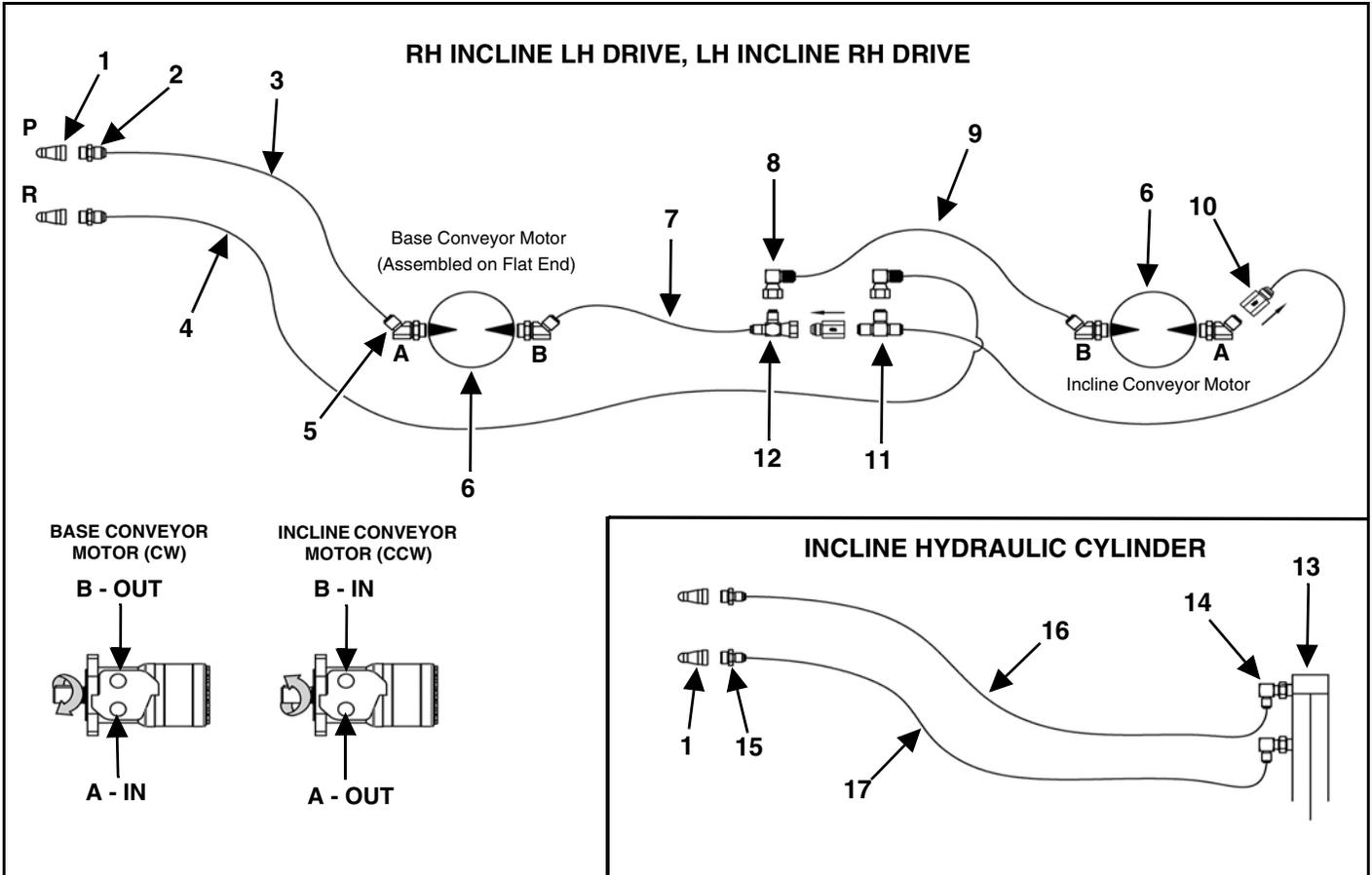
FRONT INCLINE BELT CONVEYOR (CONT'D)
MODEL YEAR 2017 & LATER



FM-265A

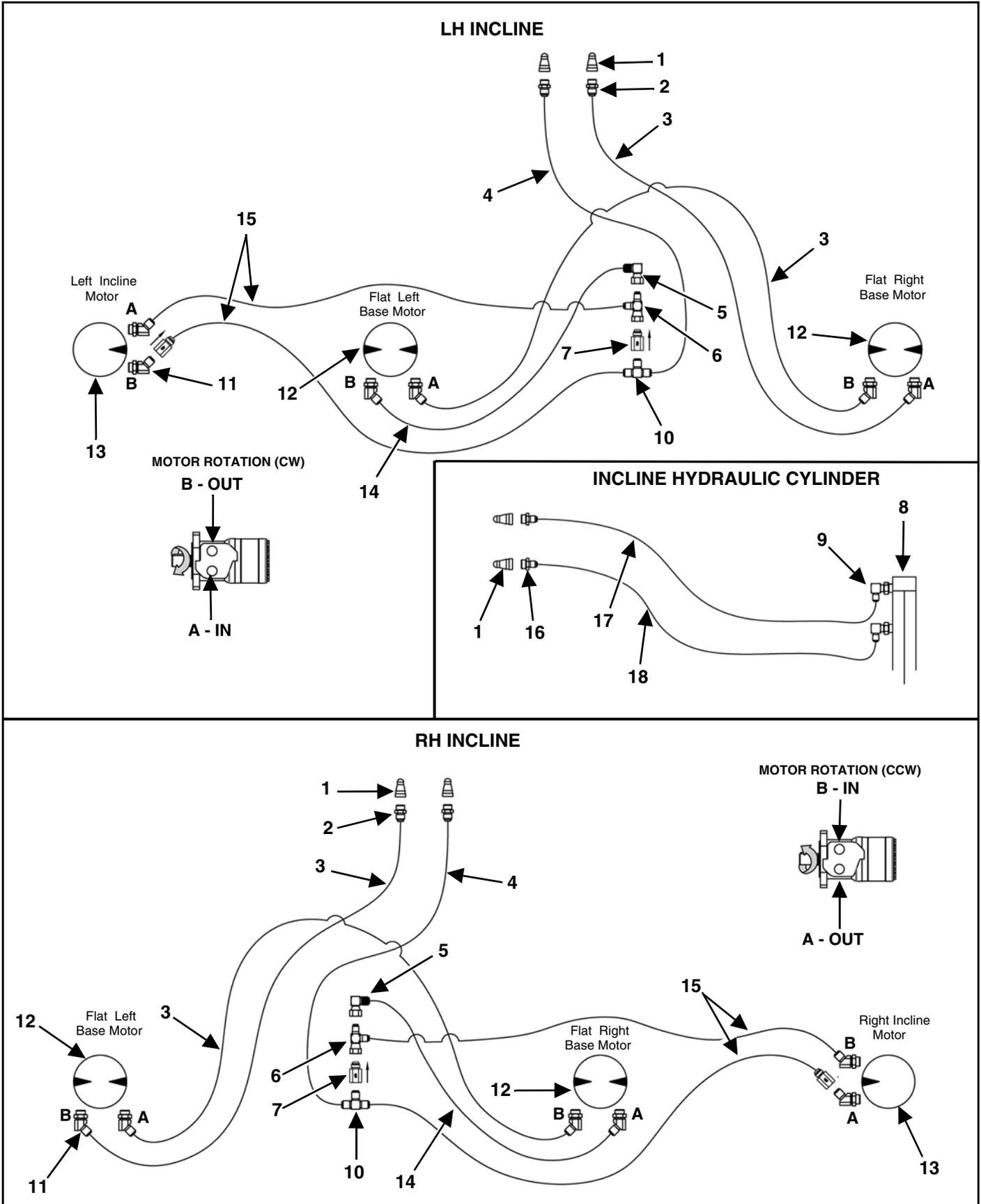
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
15	830-5013-4Z	3	1/2-13 x 4" Tap Bolt Full Threaded	Both Models
16	M3-1-5-0044-1	3	Front Conveyor Bearing Mount	Both Models
17	M3-1-3-0002	1	Conveyor Idler Pulley Scraper Prior to SN 17VM(0355212, 0470230)	Both Models
	M3-1-3-0018	1	Conveyor Pulley Scraper SN 17VM(0355212, 0470230) & Later	Both Models
18	23-0264	1	Idler Pulley	Both Models
19	M3-1-3-0011	2	36" Incline Floor	Both Models
	M3-1-3-0015	2	48" Incline Floor	Both Models
	M3-1-3-0020	2	60" Incline Floor	Both Models
20	M3-1-5-0049	1	Conveyor Motor Mount Weldment Prior to SN 17VM(0355205, 0470230) (RH Incline RH Drive, LH Incline LH Drive)	Both Models
	M3-1-5-0049	1	Conveyor Motor Mount Weldment SN 17VM(0355205, 0470230) & Later (All Incline Conveyors)	Both Models
21	M3-1-8-0006	1	Coupler Cover Plate Prior to SN 17VM(0355205, 0470230) (RH Incline RH Drive, LH Incline LH Drive)	Both Models
	M3-1-8-0006	1	Coupler Cover Plate SN 17VM(0355205, 0470230) & Later (All Incline Conveyors)	Both Models
22	M3-1-3-0013	1	Incline Belt Conveyor Seal Weldment	Both Models
23	49-0251	1	Incline Belt Conveyor Seal	Both Models
24	M3-1-5-0041-2	2	36" Incline Conveyor Side Skirt Bracket	Both Models
	M3-1-5-0051-2	2	48" Incline Conveyor Side Skirt Bracket	Both Models
	M3-1-5-0064-2	2	60" Incline Conveyor Side Skirt Bracket	Both Models
	49-0169	2	36" Incline Conveyor Side Skirting	Both Models
	49-0194	2	48" Incline Conveyor Side Skirting	Both Models
	49-0197	2	60" Incline Conveyor Side Skirting	Both Models
25	850-5013-1.75Z	4	1/2-13 x 1-3/4" Carriage Bolt Prior to SN 17VM(0355205, 0470230) (RH Incline LH Drive, LH Incline RH Drive)	Both Models
	850-5013-2Z	4	1/2-13 x 2" Carriage Bolt Prior to SN 17VM(0355205, 0470230) (RH Incline RH Drive, LH Incline LH Drive)	Both Models
	850-5013-2Z	4	1/2-13 x 2" Carriage Bolt SN 17VM(0355205, 0470230) & Later (All Incline Conveyors)	Both Models

**FRONT INCLINE BELT CONVEYOR HYDRAULIC SCHEMATIC
2017 MODEL YEAR THROUGH SN 17VM(0355204, 0470229)**



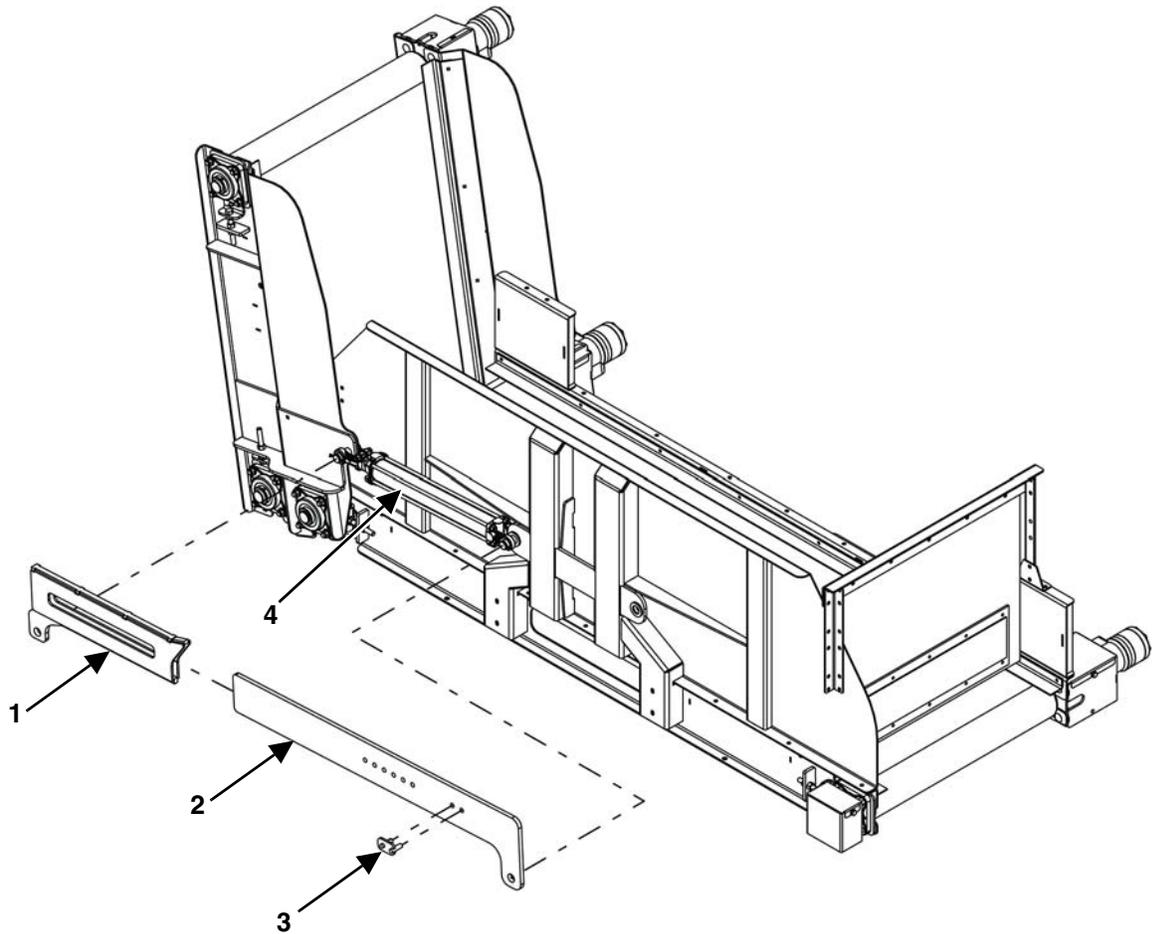
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-8010-15	4	#8 ORB Male Tip 1/2" Body Size	Both Models
2	155-6400-8-8	2	#8 JIC Male, #8 ORB Male Straight Connector	Both Models
3	155-08R17-189-1	1	1/2" x 189" Hose Assembly	Both Models
4	155-08R17-166-1	1	1/2" x 166" Hose Assembly	Both Models
5	155-6802-8-10	4	#8 JIC Male, #10 ORB Male Adjustable 45°	Both Models
6	155-WR-12.1-1	2	12.1 Cubic Inch 2-Bolt Motor	Both Models
	155-WR-SK-1	AR	Motor Seal Kit	Both Models
7	155-08R17-30-1	1	1/2" x 30" Hose Assembly	Both Models
8	155-6500-08-08	2	#8 JIC Male, #8 JIC Female Swivel 90° (RH Incline LH Drive, LH Incline RH Drive)	Both Models
	155-6500-08-08	1	#8 JIC Male, #8 JIC Female Swivel 90° (RH Incline RH Drive, LH Incline LH Drive)	Both Models
9	155-08R17-97-1	2	1/2" x 97" Hose Assembly (36" Incline)	Both Models
	155-08R17-109-1	2	1/2" x 109" Hose Assembly (48" Incline)	Both Models
10	155-CV-8-1	2	Check Valve	Both Models
11	155-2603-08-08-08	1	#8 x #8 x #8 JIC Male Tube Tee	Both Models
12	155-6602-08-08-08	1	#8 MJ x #8 FJS x #8 MJ Tee	Both Models
13	155-2-16-1.125-2	1	2" x 8" x 1-1/8" Hydraulic Cylinder	Both Models
	155-2-1.125-1-DSK	1	Cylinder Seal Kit	Both Models
14	155-6801-6-8-55	2	#6 x #8 90° Adjustable Elbow With 0.055" Orifice	Both Models
15	155-6400-6-8	2	#6 JIC Male, #8 ORB Male Straight Connector	Both Models
16	155-04R17-102-1	1	1/4" x 102" Hose Assembly	Both Models
17	155-04R17-121-1	1	1/4" x 121" Hose Assembly	Both Models
18	155-08R17-234-1	1	1/2" x 234" Hose Assembly	Both Models
19	155-08R17-69-1	1	1/2" x 69" Hose Assembly	Both Models
20	155-08R17-109-1	2	1/2" x 109" Hose Assembly (36" Incline)	Both Models
	155-08R17-124-1	2	1/2" x 124" Hose Assembly (48" Incline)	Both Models

**FRONT INCLINE BELT CONVEYOR HYDRAULIC SCHEMATIC
SN 17VM(0355205, 0470230) & LATER**



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-8010-15	4	#8 ORB Male Tip 1/2" Body Size	Both Models
2	155-6400-8-8	2	#8 JIC Male, #8 ORB Male Straight Connector	Both Models
3	155-08R17-189-1	2	1/2" x 189" Hose Assembly	Both Models
4	155-08R17-166-1	1	1/2" x 166" Hose Assembly	Both Models
5	155-6500-08-08	1	#8 JIC Male, #8 JIC Female Swivel 90°	Both Models
6	155-6602-08-08-08	1	#8 MJ x #8 FJS x #8 MJ Tee	Both Models
7	155-CV-8-1	2	Check Valve	Both Models
8	155-2-16-1.125-1	1	2" x 16" x 1-1/8" Hydraulic Cylinder	Both Models
	155-2-1.125-1-DSK	1	Cylinder Seal Kit	Both Models
9	155-6801-6-8-55	2	#6 x #8 90° Adjustable Elbow with 0.055" Orifice	Both Models
10	155-2603-08-08-08	1	#8 x #8 x #8 JIC Male Tube Tee	Both Models
11	155-6802-8-10	6	#8 JIC Male, #10 ORB Male Adjustable 45°	Both Models
12	155-WR-12.1-1	2	12.1 Cubic Inch 2-Bolt Motor	Both Models
	155-WR-SK-1	AR	Motor Seal Kit	Both Models
13	155-WR-7.9-1	1	7.9 Cubic Inch 2-Bolt Motor	Both Models
	155-WR-SK-1	AR	Motor Seal Kit	Both Models
14	155-08R17-69-1	1	1/2" x 69" Hose Assembly	Both Models
15	155-08R17-109-1	2	1/2" x 109" Hose Assembly (36" Incline)	Both Models
	155-08R17-124-1	2	1/2" x 124" Hose Assembly (48" Incline)	Both Models
	155-08R17-133-1	2	1/2" x 133" Hose Assembly (60" Incline)	Both Models
16	155-6400-6-8	2	#6 x JIC Male Tube #8 ORB Male Straight Connector	Both Models
17	155-04R17-121-1	1	1/4" x 121" Hose Assembly	Both Models
18	155-04R17-102-1	1	1/4" x 102" Hose Assembly	Both Models

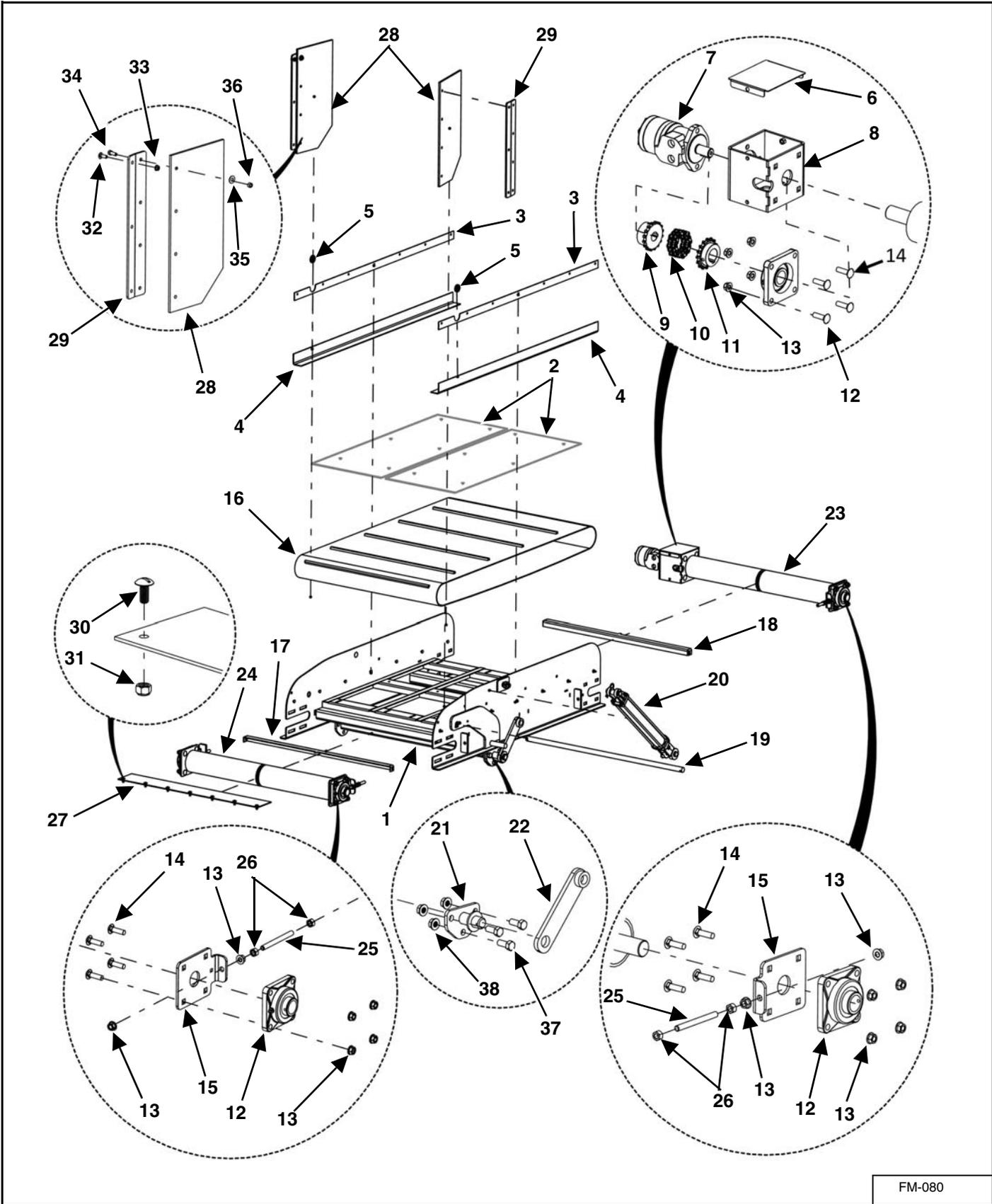
**FRONT INCLINE BELT CONVEYOR STOP
2017 MODEL YEAR & LATER**



FM-066A

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	VA-IBCS	1	Incline Belt Conveyor Stop	Both Models
1	M3-1-5-0070	1	Incline Conveyor Stop Slider Weldment	Both Models
2	M3-1-5-0052	1	Incline Conveyor Stop Bar	Both Models
3	M3-1-5-0055	1	Belt Conveyor Stop Weldment	Both Models
	32-0019	1	Hair Spring Cotter Pin	Both Models
4	See Page 50 &52	1	2" x 16" x 1-1/8" Hydraulic Cylinder	Both Models

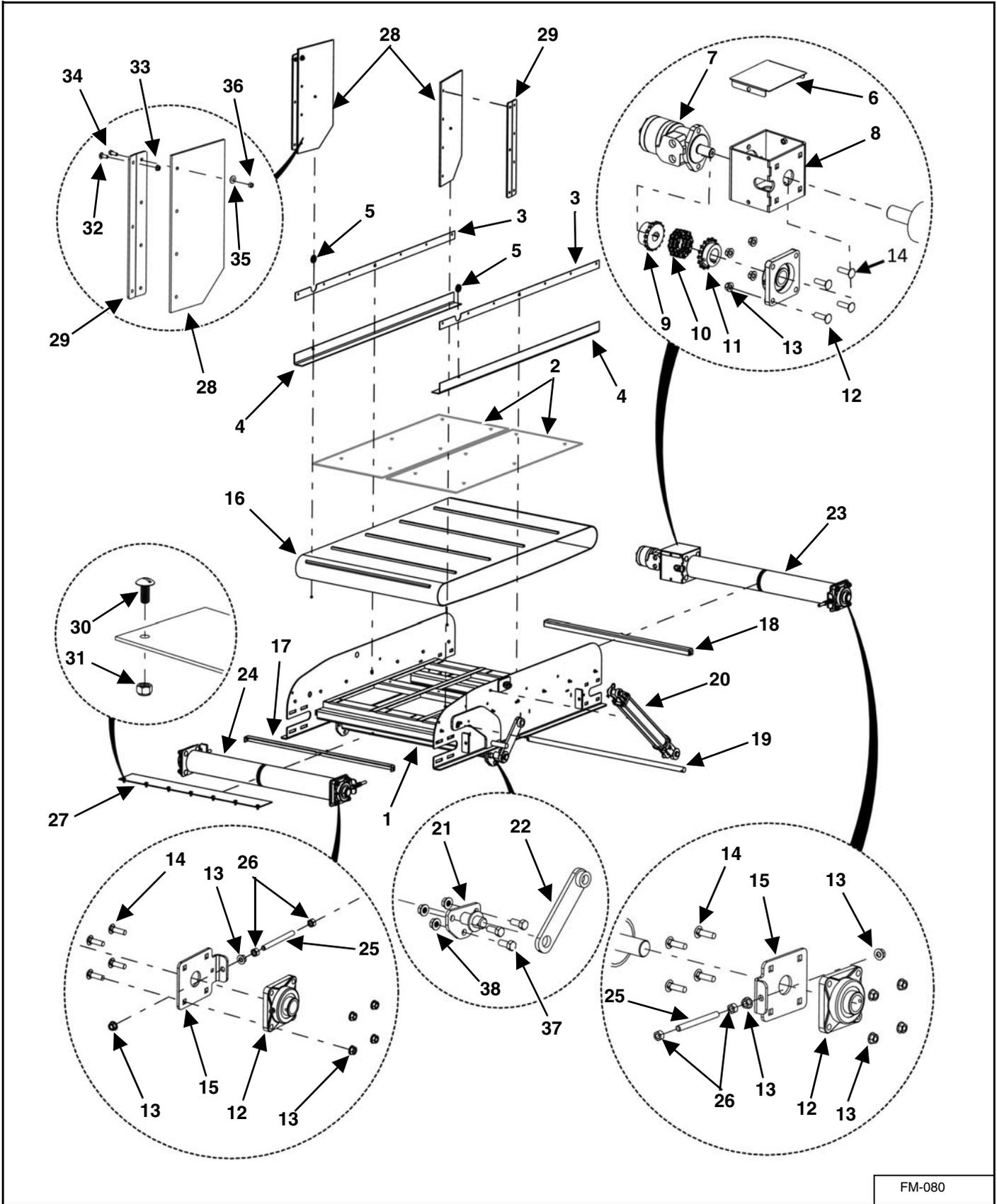
SIDE DISCHARGE BELT CONVEYOR



FM-080

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	VAS-DBI-36-24-SR	1	36" x 24" Belt Conveyor Complete Side Right	Both Models
	VAS-DBI-36-24-SL	1	36" x 24" Belt Conveyor Complete Side Left	Both Models
	VAS-DBI-36-36-SR	1	36" x 36" Belt Conveyor Complete Side Right	Both Models
	VAS-DBI-36-36-SL	1	36" x 36" Belt Conveyor Complete Side Left	Both Models
	VAS-DBI-36-48-SR	1	36" x 48" Belt Conveyor Complete Side Right	Both Models
	VAS-DBI-36-48-SL	1	36" x 48" Belt Conveyor Complete Side Left	Both Models
	VAS-DBI-36-60-SR	1	36" x 60" Belt Conveyor Complete Side Right	Both Models
	VAS-DBI-36-60-SL	1	36" x 60" Belt Conveyor Complete Side Left	Both Models
	VAS-DBI-36-72-SR	1	36" x 72" Belt Conveyor Complete Side Right	Both Models
	VAS-DBI-36-72-SL	1	36" x 72" Belt Conveyor Complete Side Left	Both Models
1	M3-1-4-0073-1	1	36" x 24" Belt Conveyor Frame Weldment	Both Models
	M3-1-4-0035-1	1	36" x 36" Belt Conveyor Frame Weldment	Both Models
	M3-1-4-0047-1	1	36" x 48" Belt Conveyor Frame Weldment	Both Models
	M3-1-4-0051-1	1	36" x 60" Belt Conveyor Frame Weldment	Both Models
	M3-1-4-0057-1	1	36" x 72" Belt Conveyor Frame Weldment	Both Models
2	M3-1-4-0075	2	Side Belt Discharge Conveyor Floor (36" x 24" Belt Conveyor)	Both Models
	M3-1-4-0036	2	Side Belt Discharge Conveyor Floor (36" x 36" Belt Conveyor)	Both Models
	M3-1-4-0048	2	Side Belt Discharge Conveyor Floor (36" x 48" Belt Conveyor)	Both Models
	M3-1-4-0052	2	Side Belt Discharge Conveyor Floor (36" x 60" Belt Conveyor)	Both Models
	M3-1-4-0058	2	Side Belt Discharge Conveyor Floor (36" x 72" Belt Conveyor)	Both Models
3	M3-1-4-0074	2	Conveyor Skirt Backer (36" x 24" Belt Conveyor)	Both Models
	M3-1-4-0037	2	Conveyor Skirt Backer (36" x 36" Belt Conveyor)	Both Models
	M3-1-4-0049	2	Conveyor Skirt Backer (36" x 48" Belt Conveyor)	Both Models
	M3-1-4-0053	2	Conveyor Skirt Backer (36" x 60" Belt Conveyor)	Both Models
	M3-1-4-0059	2	Conveyor Skirt Backer (36" x 72" Belt Conveyor)	Both Models
4	49-0231	2	24" Side Conveyor Skirting	Both Models
	49-0169	2	36" Side Conveyor Skirting	Both Models
	49-0194	2	48" Side Conveyor Skirting	Both Models
	49-0197	2	60" Side Conveyor Skirting	Both Models
	49-0217	2	72" Side Conveyor Skirting	Both Models
5	M3-1-7-0035-1-5	2	Pivot Spacer	Both Models
6	M3-1-8-0006	1	Coupler Cover Plate	Both Models
7	See Page 66	1	Hydraulic Motor	Both Models
8	M3-1-8-0034	1	Front Conveyor Motor Bracket Prior to SN 17VM(0355212, 0470230)	Both Models
	M3-1-5-0049	1	Front Conveyor Motor Bracket SN 17VM(0355212, 0470230) & Later	Both Models
9	37-0013-1	1	Unit Coupler, 1" Bore 1/4" Keyway	Both Models

SIDE DISCHARGE BELT CONVEYOR (CONT'D)

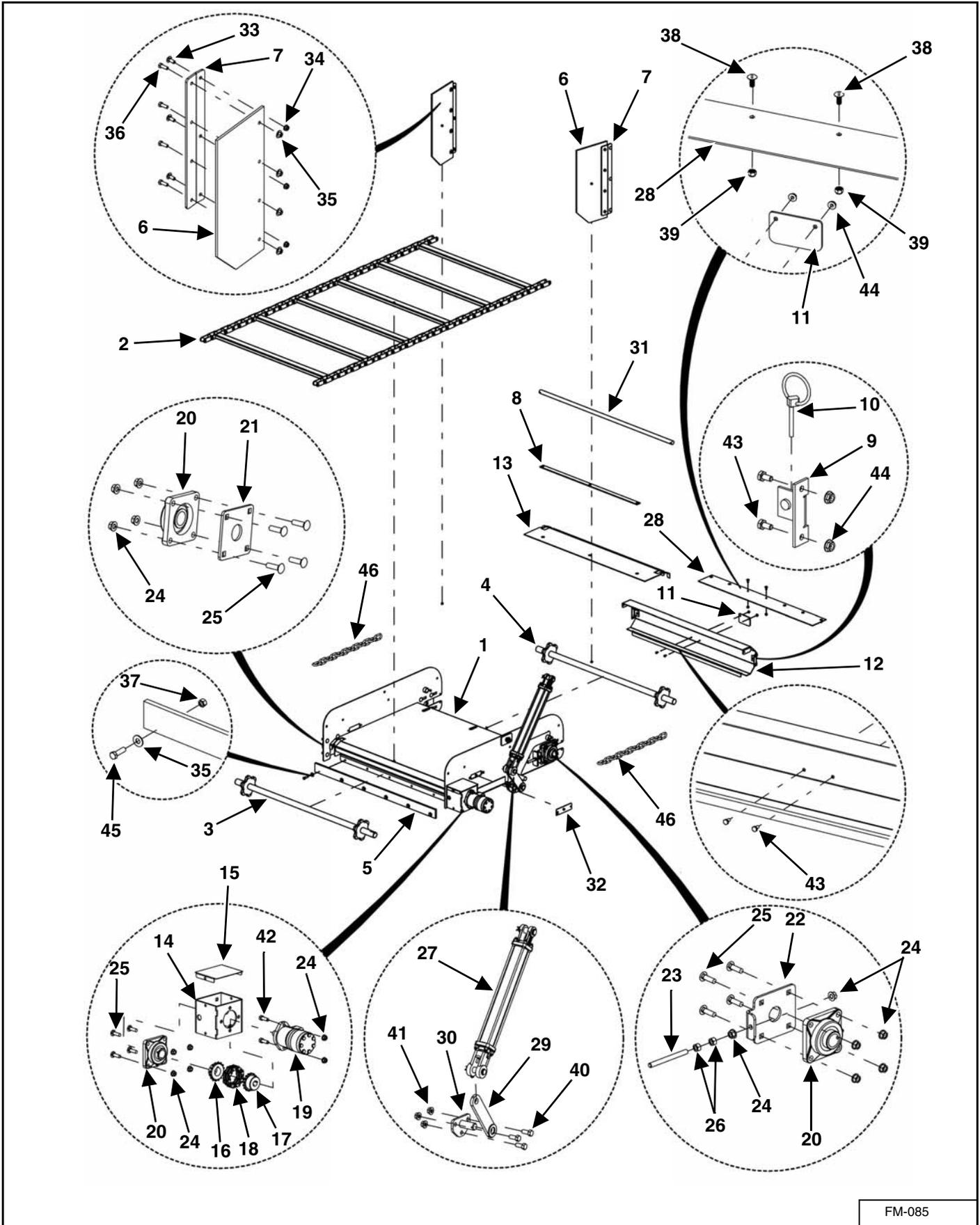


FM-080

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
10	37-0013-2	1	Unit Coupler Chain, #50 16 Double with Connector	Both Models
11	110-50B16-1.50-1	1	Chain Coupler Sprocket 1-1/2" Bore x 3/8" Keyway	Both Models
12	14-0070	4	1-1/2" 4 - Bolt Bearing	Both Models
13	810-5013-Z	22	1/2" Spin Lock Nut (36" x 36" Belt Conveyor)	Both Models
	810-5013-Z	24	1/2" Spin Lock Nut (36" x 48", 36" x 60" Belt Conveyor)	Both Models
14	850-5013-1.75Z	16	1/2-13 x 1-3/4" Carriage Bolt, Grade 5	Both Models
15	M3-1-5-0044-1	3	Front Conveyor Bearing Mount	Both Models
16	49-0232-MB	1	35" x 77" Belt, (36" x 24" Belt Conveyor)	Both Models
	49-0168-MB	1	35" x 93" Belt, (36" x 36" Belt Conveyor)	Both Models
	49-0195-MB	1	35" x 117" Belt, (36" x 48" Belt Conveyor)	Both Models
	49-0196-MB	1	35" x 141" Belt, (36 x 60" Conveyor)	Both Models
	49-0216-MB	1	35" x 165" Belt, (36 x 72" Conveyor)	Both Models
	49-0156-4-AS	1	36" Conveyor Steel Belt Lacing Pin	Both Models
17	M3-1-8-0016	1	Conveyor Idler Roll Scraper Prior to SN 17VM(0355212, 0470230)	Both Models
	M3-1-10-0023	1	Conveyor Roll Scraper SN 17VM(0355212, 0470230) & Later	Both Models
	850-3118-.75Z	2	5/16"-18 x 3/4" Carriage Bolt	Both Models
	814-3118-Z	2	5/16-18 Indented Lock Nut	Both Models
18	M3-1-8-0017	1	Conveyor Drive Roll Scraper Prior to SN 17VM(0355212, 0470230)	Both Models
	M3-1-10-0023	1	Conveyor Roll Scraper SN 17VM(0355212, 0470230) & Later	Both Models
	850-3118-.75Z	2	5/16"-18 x 3/4" Carriage Bolt	Both Models
	814-3118-Z	2	5/16-18 Indented Lock Nut	Both Models
19	M3-1-4-0050	1	Chute Pivot Rod 1" Diameter x 38-1/2"	Both Models
20	See Page 66	1	Hydraulic Cylinder	Both Models
21	M3-1-4-0005	1	Extension Hydraulic Mount Weldment	Both Models
22	M3-1-4-0006	1	Conveyor Link arm Weldment	Both Models
23	23-0251	1	1.5 Shaft x 42.625" Drive Pulley	Both Models
24	23-0257	1	1.5 Shaft x 41.5" Cross Conveyor Idler Pulley	Both Models
25	25-0509	3	Threaded Rod 1/2" x 5-1/2"	Both Models

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
26	813-5013-Z	18	1/2-13 Nut	Both Models
27	49-0170	1	Door Frame Seal	Both Models
28	M3-1-4-0024	2	Door Deflector (Belting)	Both Models
29	M3-1-4-0025	2	Belt Chute Deflector	Both Models
30	802T-3118-.75Z	7	5/16-18 x 3/4" Truss Head Screw	Both Models
31	815-3118-Z	7	5/16-18 Nylon Insert Lock Nut, Left Side	Both Models
32	850-3816-1Z	6	3/8-16 x 1" Carriage Bolt, Grade 5	Both Models
33	810-3816-Z	6	3/8" Spin Lock Nut	Both Models
34	851-3816-1Z	8	3/8-16 x 1" Grade 5 Machine Bolt	Both Models
35	805-0038-Z	4	3/8" Flat Washer	585/700
36	815-3816-Z	8	3/8-16 Nylon Insert Lock Nut	Both Models
37	851-6311-1.5Z	3	5/8-11 x 1-1/2" Grade 5 Machine Bolt	Both Models
38	810-6311-Z	3	5/8" Spin Lock Nut	Both Models

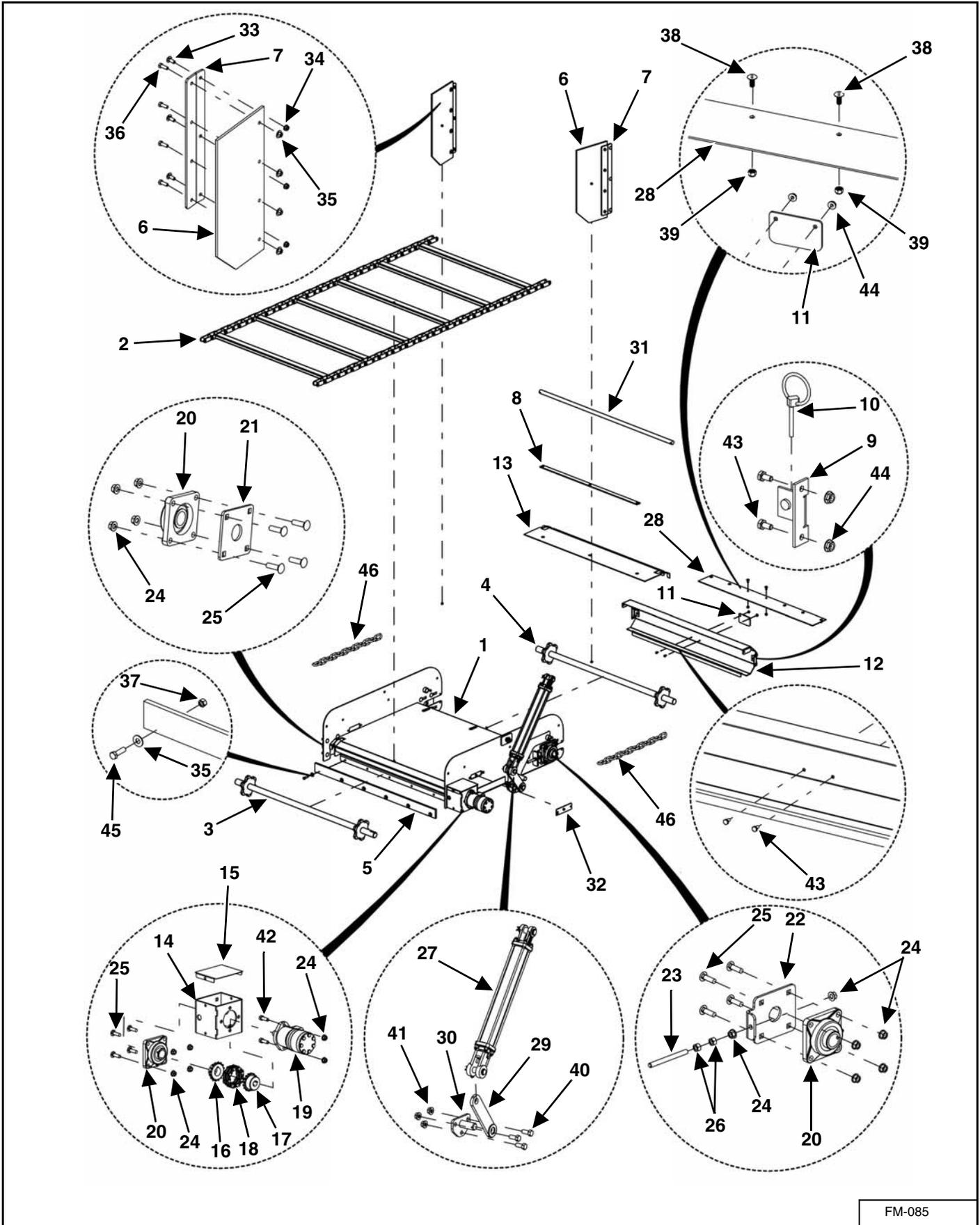
SIDE DISCHARGE CHAIN CONVEYOR



FM-085

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	VAS-DCI-36-36-SR	1	36" x 36" Chain Side Extension Complete Side Right	Both Models
	VAS-DCI-36-36-SL	1	36" x 36" Chain Side Extension Complete Side Left	Both Models
	VAS-DCI-36-48-SR	1	36" x 48" Chain Side Extension Complete Side Right	Both Models
	VAS-DCI-36-48-SL	1	36" x 48" Chain Side Extension Complete Side Left	Both Models
	VAS-DCI-36-60-SR	1	36" x 60" Chain Side Extension Complete Side Right	Both Models
	VAS-DCI-36-60-SL	1	36" x 60" Chain Side Extension Complete Side Left	Both Models
1	M3-1-4-0066-1	1	36" x 36" Chain Conveyor Weldment	Both Models
	M3-1-4-0060-1	1	36" x 48" Chain Conveyor Weldment	Both Models
	M3-1-4-0072-1	1	36" x 60" Chain Conveyor Weldment	Both Models
2	11-0276	1	36" x 36" Side Discharge Conveyor 81X Chain Assembly	Both Models
	11-0282	1	36" x 48" Side Discharge Conveyor 81X Chain Assembly	Both Models
	11-0291	1	36" x 60" Side Discharge Conveyor 81X Chain Assembly	Both Models
3	23-0254	1	Conveyor Drive Shaft Weldment	Both Models
4	23-0255	1	Conveyor Idler Shaft Weldment	Both Models
5	49-0182	1	36" x 36" & 36" x 48" Side Chain Conveyor Belt	Both Models
6	M3-1-4-0024	2	Door Deflector (Belting)	Both Models
7	M3-1-4-0025	2	Belt Chute Deflector	Both Models
8	M3-1-4-0029	1	Extension Adjustment Bracket Weldment	Both Models
9	M3-1-7-0034	2	Conveyor Extension Cover Latch Weldment	Both Models
10	823-0003	2	Lynch Pin 3/16" x 1-1/4"	Both Models
11	M3-1-7-0005-2	1	Conveyor Extension Cover Handle	Both Models
12	M3-1-4-0004-AS	1	Extension Back Plate	Both Models
13	M3-1-4-0003	1	Extension Sprocket Cover	Both Models
14	M3-1-8-0034	1	Front Conveyor Motor Bracket	Both Models
15	M3-1-8-0006	1	Coupler Cover Plate	Both Models
16	110-50B16-1.50-1	1	Chain Coupler Sprocket	Both Models
17	37-0013-1	1	Unit Coupler, 1" Bore 1/4" Keyway	Both Models
18	37-0013-2	1	Unit Coupler Chain, #50 16 Double with Connector	Both Models
19	See Page 66	1	Hydraulic Motor	Both Models

SIDE DISCHARGE CHAIN CONVEYOR (CONT'D)

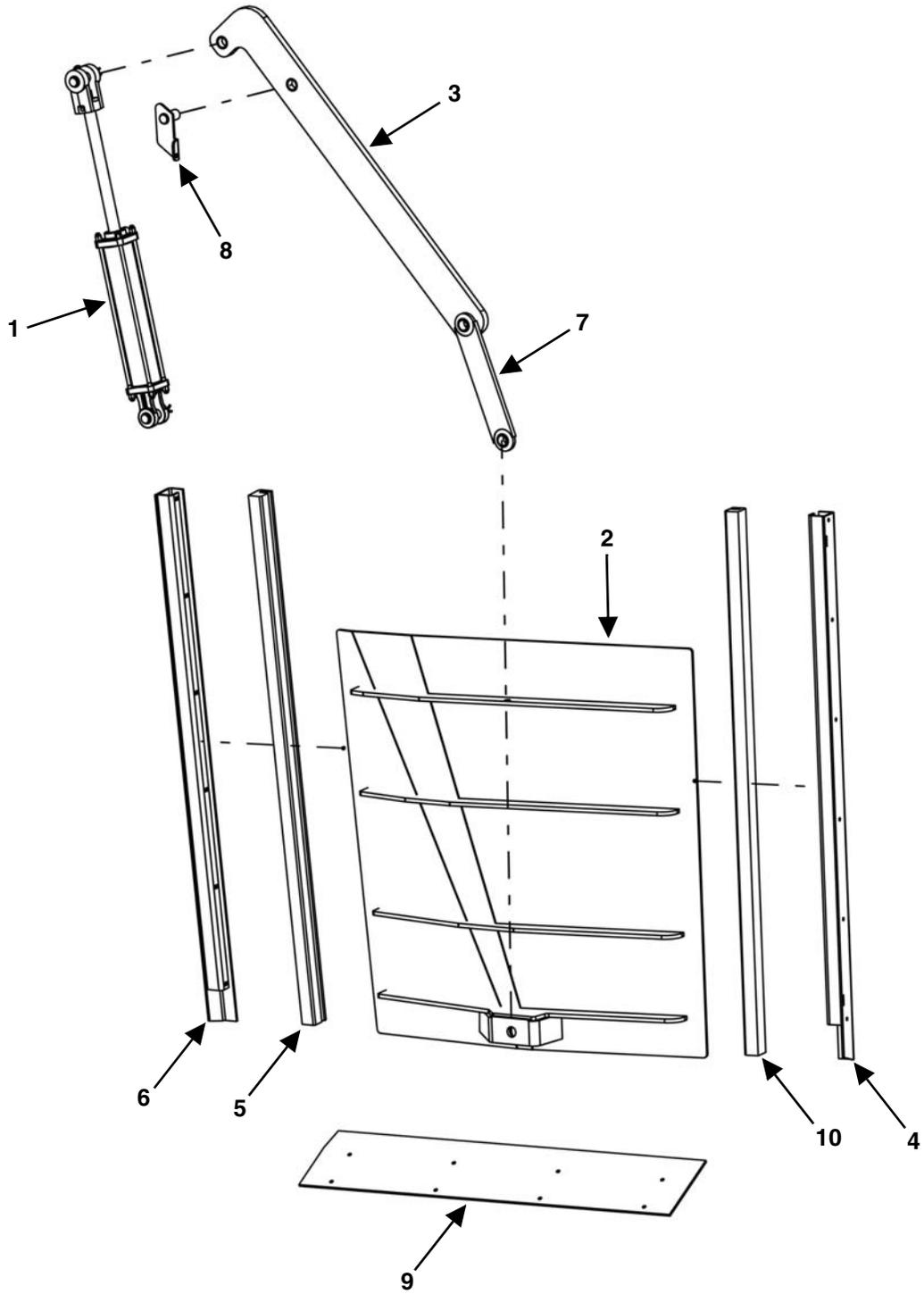


FM-085

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
20	14-0070	1	1-1/2" 4-Bolt Bearing	Both Models
21	M3-1-4-0002	1	Extension Bearing Mount Plate	Both Models
22	M3-1-5-0044-1	2	Front Conveyor Bearing Mount	Both Models
23	830-5013-4Z	2	1/2-13 x 4" Tap Bolt Full Threaded	Both Models
24	810-5013-Z	20	1/2"-13 Spin Lock Nut (36" x 36" Conveyor)	Both Models
	810-5013-Z	26	1/2"-13 Spin Lock Nut (36" x 48" Conveyor) (36" x 60" Conveyor)	Both Models
25	850-5013-1.75Z	16	1/2-13 x 1-3/4" Carriage Bolt, Grade 5	Both Models
26	813-5013-Z	8	1/2-13 Nut	Both Models
27	See Page 66	1	Hydraulic Cylinder	Both Models
28	49-0170	1	Door Frame Seal	Both Models
29	M3-1-4-0006	1	Conveyor Link Arm Weldment	Both Models
30	M3-1-4-0005	1	Extension Hydraulic Mount Weldment	Both Models
31	M3-1-4-0008	1	Chute Pivot Rod	Both Models
32	M3-1-4-0015-2	2	Chute Cover	Both Models
33	850-3816-1Z	6	3/8-16 x 1" Carriage Bolt, Grade 5	Both Models
34	810-3816-Z	6	3/8-16 Spin Lock Nut	Both Models
35	805-0038-Z	6	3/8" Flat Washer	Both Models
36	851-3816-1Z	8	3/8-16 x 1" Grade 5 Machine Bolt	Both Models
37	815-3816-Z	14	3/8-16 Nylon Insert Lock Nut	Both Models
38	802T-3118-.75Z	7	5/16-18 x 3/4" Truss Head Machine Screw	Both Models
39	815-3118-Z	7	5/16-18 Nylon Insert Lock Nut	Both Models
40	851-6311-1.5Z	3	5/8-11 x 1-1/2" Grade 5 Machine Bolt	Both Models
41	810-6311-Z	3	5/8"-11 Spin Lock Nut	Both Models
42	851-5013-1.5Z	2	1/2-13 x 1-1/2" Bolt	Both Models
43	851-2520-.5Z	4	1/4-20 x 1/2" Machine Bolt, Grade 5	Both Models
44	810-2520-Z	4	1/4-20 Spin Lock Nut	Both Models
45	851-3816-1.25Z	6	3/8-16 x 1-1/4" Machine Bolt	Both Models
46	M3-1-4-0001-2	2	Chain Stop 1/4" Chain	Both Models

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-08R17-166-1	2	1/2" x 166" Hose Assembly (36" x 24", 36" x 36", 36" x 48", 36" x 60", 36" x 72" Belt & Chain Conveyor)	Both Models
2	155-08R17-45-1	2	1/2" x 45" Hose Assembly (36" x 24" Belt & Chain Conveyor)	Both Models
	155-08R17-57-1	2	1/2" x 57" Hose Assembly (36" x 36" Belt & Chain Conveyor)	Both Models
	155-08R17-69-1	2	1/2" x 69" Hose Assembly (36" x 48" Belt & Chain Conveyor)	Both Models
	155-08R17-85-1	2	1/2" x 85" Hose Assembly (36" x 60" Belt & Chain Conveyor)	Both Models
	155-08R17-97-1	2	1/2" x 97" Hose Assembly (36" x 72" Belt & Chain Conveyor)	Both Models
3	155-04R17-61-1	1	1/4" x 61" Hose Assembly (36" x 24", 36" x 36", 36" x 48", 36" x 60", 36" x 72" Belt & Chain Conveyor)	Both Models
4	155-04R17-61-1	1	1/4" x 61" Hose Assembly (36" x 24", 36" x 36", 36" x 48", 36" x 60", 36" x 72" Belt & Chain Conveyor)	Both Models
5	155-2-16-1.125-2	1	2" x 16" x 1-1/8" Hydraulic Cylinder	Both Models
6	155-T-11.9-1		11.9 Cubic Inch 2-Bolt Motor Prior to SN 15VM(0355203, 0470217)	Both Models
	155-WR-12.1-1	1	12.1 Cubic Inch 2-Bolt Motor SN 15VM(0355203, 0470217) & Later	Both Models
	55-0099-KIT		Motor Seal Kit Prior to SN 15VM(0355203, 0470217)	Both Models
	155-WR-SK-1		Motor Seal Kit SN 15VM(0355203, 0470217) & Later	Both Models
7	155-CV-8-1	1	Check Valve	Both Models
8	155-6801-6-8	1	#6 JIC Male, #8 ORB Male Adjustable 90° (36" x 48" Belt & Chain Conveyor)	Both Models
9	155-6400-8-8	2	#8 JIC Male, #8 ORB Male Straight Connector	Both Models
10	155-6500-06-06	2	#6 JIC Male, #6 JIC Female Swivel 90°	Both Models
11	155-6801-6-8-55	1	#6 x #8 90° Adj Elbow With .055" Orifice	Both Models
12	155-6802-8-10	2	#8 JIC Male, #10 ORB Male Adjustable 45°	Both Models
13	155-2603-08-08-06	2	#8 x #8 x #8 JIC Male Tube Tee	Both Models
14	155-8010-15	2	#8 ORB Male Tip 1/2" Body Size	Both Models

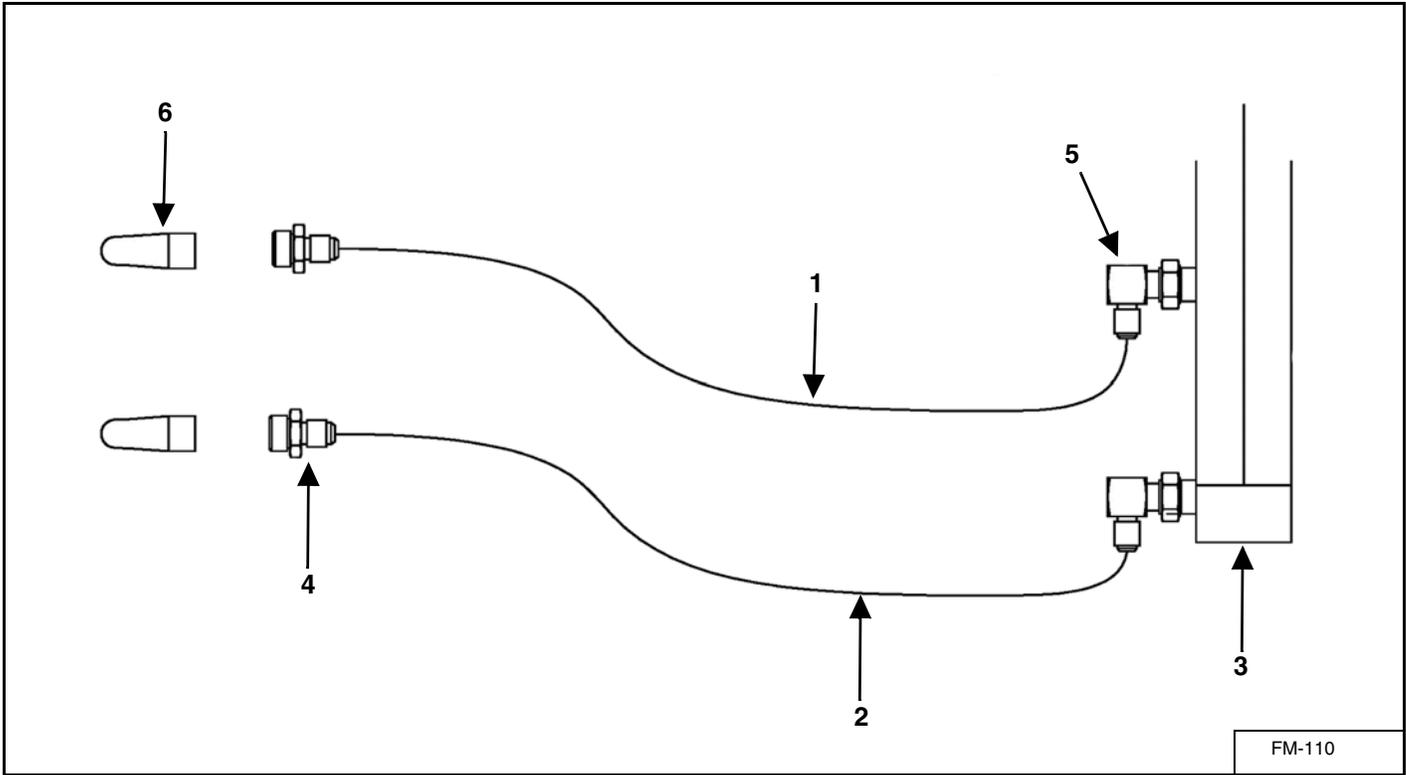
DOOR



FM-100

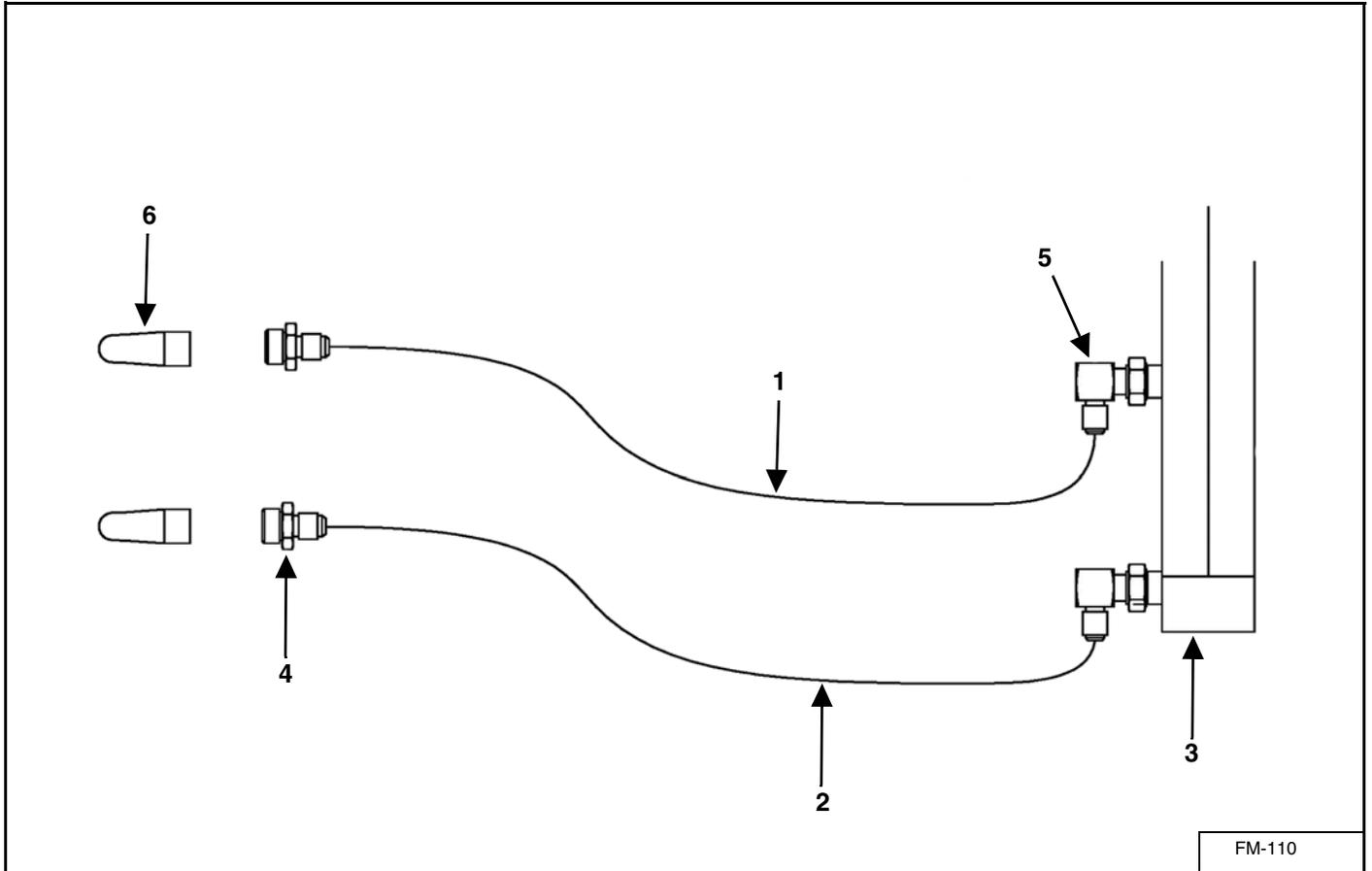
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-2.5-12-1.125-1	1	2-1/2" x 12" x 1-1/8" Hydraulic Cylinder	Both Models
2	M6-1-4-0009	1	Rear/Front Door Weldment	Both Models
	M6-1-4-0005	1	Right Side Door Weldment	Both Models
	M6-1-4-0003	1	Left Side Door Weldment	Both Models
3	M6-1-4-0004	1	Door Arm	Both Models
	M6-1-8-0006-2	2	Spring Bushing 1" ID x 1-1/4" OD x 3/4"	Both Models
4	M6-1-8-0002	1	Right Door Frame Guide Assembly (Facing Door)	Both Models
5	M6-1-10-0007-L	2	Left Poly Door Slide (Facing Door)	Both Models
6	M6-1-8-0004	1	Left Door Frame Guide Assembly (Facing Door)	Both Models
7	M6-1-8-0008	1	Door Link Arm Assembly	Both Models
8	M6-1-8-0009	1	Front & Rear Door Link Pivot Pin Assembly	Both Models
	M6-1-4-0006	1	Right & Left Door Link Pivot Pin Assembly	Both Models
	805-0038-Z	2	3/8" Flat Washer	Both Models
	851-3816-1.25Z	1	3/8-16 x 1-1/4" Machine Bolt	Both Models
	815-3816-Z	1	3/8-16 Nylon Insert Lock Nut	Both Models
9	M11-1-0018	1	Magnet Cover Plate (Side Door Only)	Both Models
10	M6-1-10-0007-R	1	Right Poly Door Slide (Facing Door)	Both Models
NS	814-3118-Z	12	5/16-18 Indented Lock Nut	Both Models
NS	815-1008-Z	2	1-8 Nylon Insert Lock Nut	Both Models
NS	850-3118-2.5Z	12	5/16-18 x 2-1/2" Carriage Bolt	Both Models
NS	851-1008-3Z	2	1-8 x 3" Machine Bolt	Both Models

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



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-04R17-354-1	1	Hose Assembly	Both Models
2	155-04R17-339-1	1	Hose Assembly	Both Models
3	155-2-5-12-1.125-1	1	2-1/2" x 12" x 1-1/8" Hydraulic Cylinder	Both Models
4	155-6400-6-8	2	#6 JIC Male, #8 ORB Male Straight Connector	Both Models
5	155-6801-6-8	2	#6 JIC Male, #8 ORB Male Adjustable 90°	Both Models
6	155-8010-15	2	#8 ORB Male Tip 1/2" Body Size	Both Models

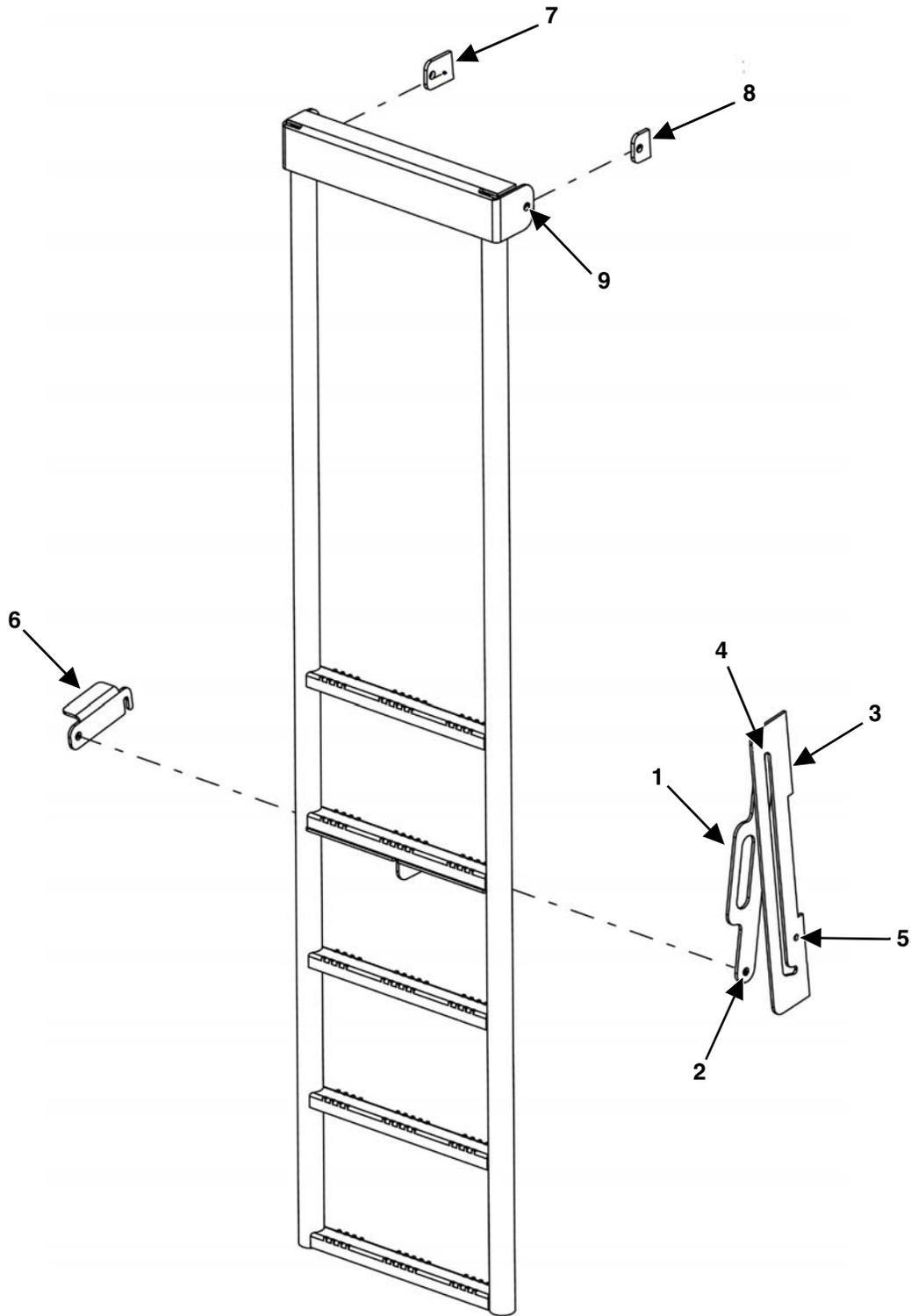
**DOOR HYDRAULIC SCHEMATIC
FRONT / LEFT / RIGHT / DUAL LEFT AND RIGHT DOOR**



FM-110

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

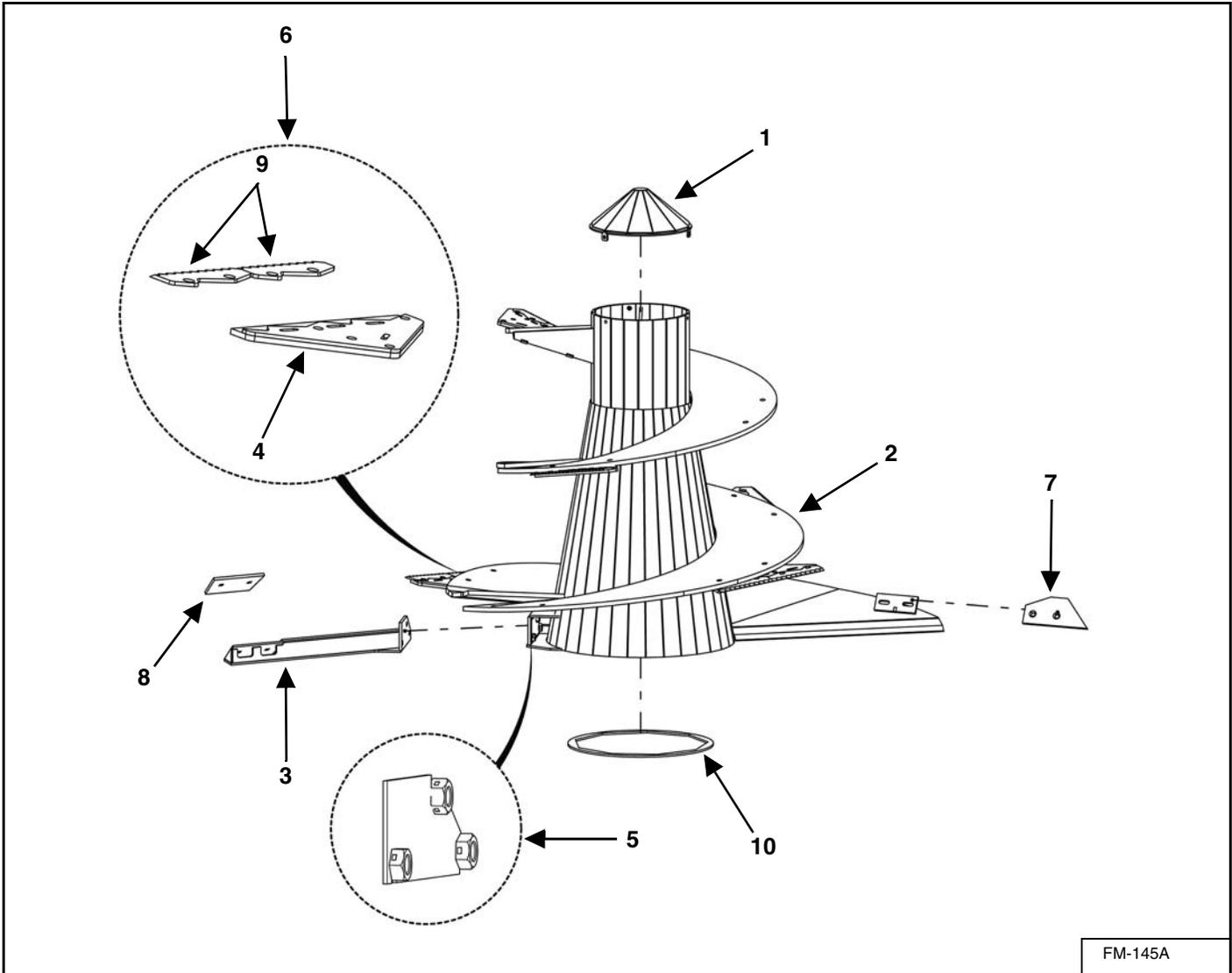
LADDER



FM-135

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	M10-1-3-0001	1	Ladder Weldment	355
	M10-1-4-0001	1	Ladder Weldment	470
1	M10-1-4-0001-4	1	Ladder Handle	Both Models
2	851-5013-1.75Z	1	1/2-13 x 1-3/4" Bolt	Both Models
	805-0050-Z	2	1/2 Flat Washer	Both Models
	815-5013-Z	1	1/2-13 Nylon Lock Nut	Both Models
3	M2-1-4-0001-48	1	Ladder Guide (Welded On)	Both Models
4	851-5013-1.5Z	1	1/2-13 x 1-1/2" Bolt	Both Models
	805-0050-Z	2	1/2" Flat Washer	Both Models
	815-5013-Z	1	1/2-13 Nylon Lock Nut	Both Models
5	851-3816-1.5Z	1	3/8-16 x 1-1/2" Bolt	Both Models
	810-3816-Z	2	3/8" Spin Lock Nut	Both Models
6	M10-1-4-0001-5	1	Ladder Latch	Both Models
7	M2-1-4-0001-60	1	Left Ladder Mount, Front Discharge (Welded On)	Both Models
	M2-1-4-0001-46	1	Left Ladder Mount, Side Discharge (Welded On)	Both Models
8	M2-1-4-0001-61	1	Right Ladder Mount, Front Discharge (Welded On)	Both Models
	M2-1-4-0001-49	1	Right Ladder Mount, Side Discharge (Welded On)	Both Models
9	851-5013-1.5Z	2	1/2-13 x 1-1/2" Bolt	Both Models
	805-0050-Z	2	1/2" Flat Washer	Both Models
	815-5013-Z	2	1/2-13 Nylon Lock Nut	Both Models

AUGER

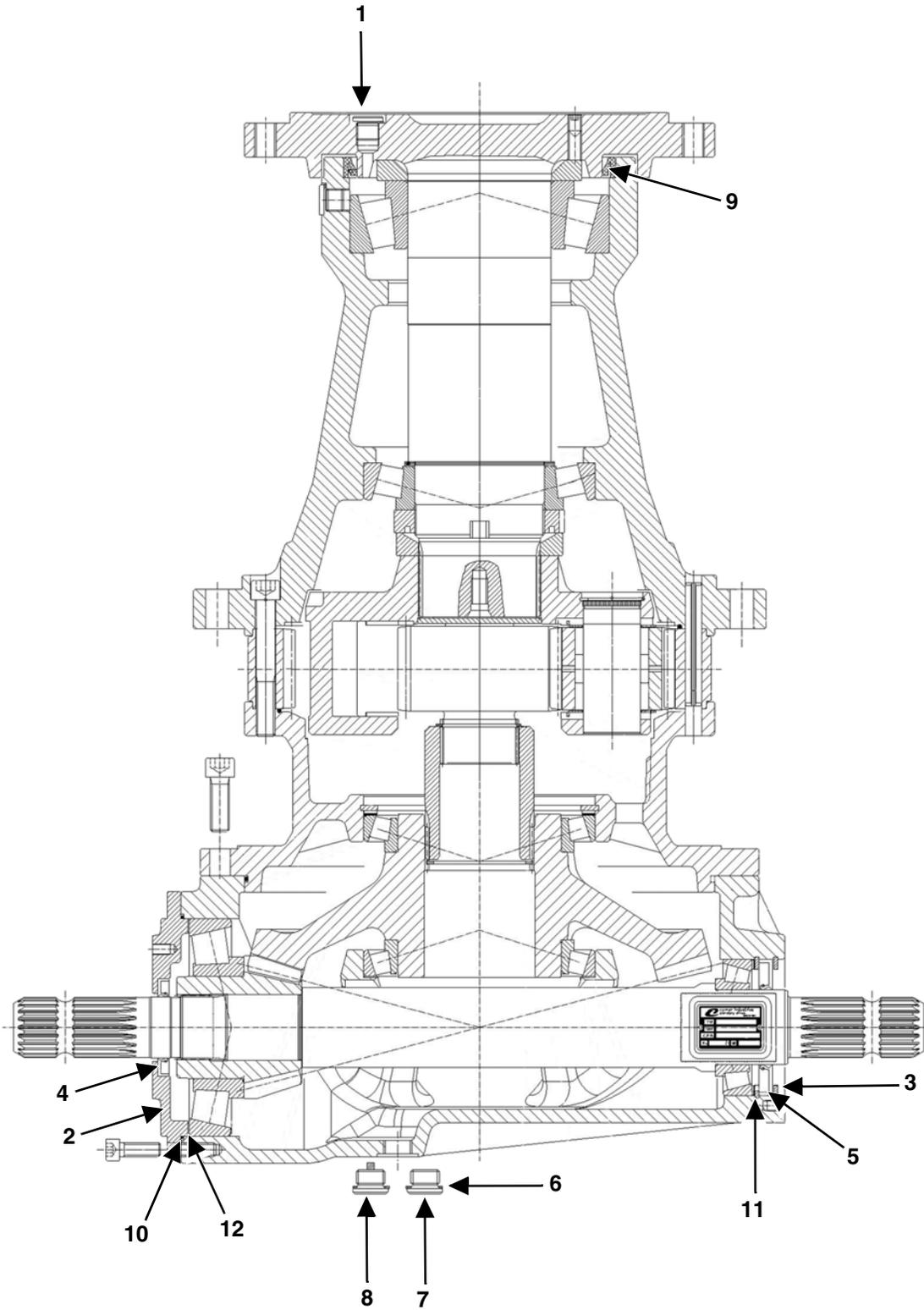


FM-145A

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	M5-1-3-0001	2	Comer Auger Assembly, Complete With Knives, Backer & Hardware Prior to SN 17VM(0355208, 0470219)	355
	M5-1-3-0002	2	540RPM R&R Auger Assembly, Complete With Knives, Backer & Hardware SN 17VM(0355208, 0470219) & Later	355
	M5-1-3-0003	2	1000RPM R&R Auger Assembly, Complete With Knives, Backer & Hardware SN 17VM(0355208, 0470219) & Later	355
	M5-1-4-0001	2	Comer Auger Assembly, Complete With Knives, Backer & Hardware Prior to SN 17VM(0355208, 0470219)	470
	M5-1-4-0003	2	540RPM R&R Auger Assembly, Complete With Knives, Backer & Hardware SN 17VM(0355208, 0470219) & Later	470
	M5-1-4-0004	2	1000RPM R&R Auger Assembly, Complete With Knives, Backer & Hardware SN 17VM(0355208, 0470219) & Later	470
	851-M16-2.0-40-Z	30	M16-2.0 x 40mm Machine Bolt, Auger to Comer Planetary Prior to SN 17VM(0355208, 0470219)	Both Models
	851-M16-2.0-45-Z	24	M16-2.0 x 45mm Machine Bolt, Auger to R&R Planetary SN 17VM(0355208, 0470219) & Later	Both Models

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M5-1-8-0002	2	Auger Top Cap Weldment	Both Models
	851-3118-1.25SS	6 per	5/16"-18 x 1-1/4" Stainless Steel Bolts	Both Models
	805-0031-Z	6 per	5/16" Flat Washer	Both Models
	822-0031-Z	6 per	5/16" Split Lock Washer	Both Models
2	M5-1-3-0001-1	2	Comer Auger Weldment Prior to SN 17VM(0355208, 0470219)	355
	M5-1-3-0002-1	2	540RPM R&R Auger Weldment SN 17VM(0355208, 0470219) & Later	355
	M5-1-3-0003-1	2	1000RPM R&R Auger Weldment SN 17VM(0355208, 0470219) & Later	355
	M5-1-4-0001-1	2	Comer Auger Weldment Prior to SN 17VM(0355208, 0470219)	470
	M5-1-4-0003-1	2	540RPM R&R Auger Weldment SN 17VM(0355208, 0470219) & Later	470
	M5-1-4-0004-1	2	1000RPM R&R Auger Weldment SN 17VM(0355208, 0470219) & Later	470
3	M5-1-4-0002	2	Kicker Weldment	Both Models
	851-6311-1.5Z	3 per	5/8-11 x 1-1/2" Machine Bolt	Both Models
4	M11-1-0002	8	Knife Backer Weldment Prior to SN 17VM(0355208, 0470225)	Both Models
	M11-1-0011	8	Knife Backer Weldment SN 17VM(0355208, 0470225) & Later	Both Models
	832-6311-2	2 per	5/8"-11 x 2" Button Head / Allen Head Bolt Prior to SN 18VM(0355203, 0470205)	Both Models
	880-6311-2Z	2 per	5/8"-11 x 2" Carriage Bolt Zinc SN 18VM(0355203, 0470205) & Later	Both Models
	814-6311-Z	2 per	5/8"-11 Center Lock Nut	Both Models
5	M5-1-8-0007	2	Auger Kicker Nut Holder Weldment	Both Models
6	M11-1-0013-K	8	Mixer Knife Assembly (Includes Knives, Backers & Hardware)	Both Models
7	M5-1-8-0005-K	2	Auger Scraper With Hardware	Both Models
	852-5013-1.75Z	2 per	1/2-13 x 1-3/4" Flat Head Socket Cap Screw	Both Models
	815-5013-Z	2 per	1/2-13 Nylon Lock Nut	Both Models
	828-0050-Z	2 per	1/2" SAE Washer	Both Models
8	M5-1-8-0006-K	2	Kicker Wear Plate With Hardware	Both Models
	852-5013-1.75Z	2 per	1/2-13 x 1-3/4" Flat Head Socket Cap Screw	Both Models
	815-5013-Z	2 per	1/2 -13 Nylon Lock Nut	Both Models
	828-0050-Z	2 per	1/2" SAE Washer	Both Models
9	M11-1-0013-K	AR	One Blade With Hardware Prior to SN 17VM(0355208, 0470225)	Both Models
	M11-1-0012-K	AR	One Blade With Hardware SN 17VM(0355208, 0470225) & Later	Both Models
	803-3816-1Z	2 per	3/8-16 x 1" Flat Head Socket Cap Screw	Both Models
	814-3816-Z	2 per	3/8-16 Center Lock Nut	Both Models
10	M2-1-4-0015-3	2	Auger Seal Cover	Both Models
	M2-1-4-0015-2	2	Auger Seal Belting	Both Models
	851-2520-1Z	36	1/4-20 x 1" Machine Bolt	Both Models
	815-2520-Z	36	1/4-20 Nylon Lock Nut	Both Models
	VAS-ASK	1	Complete Auger Seal Installation Kit With Weld On Seal Plate (Optional)	Both Models

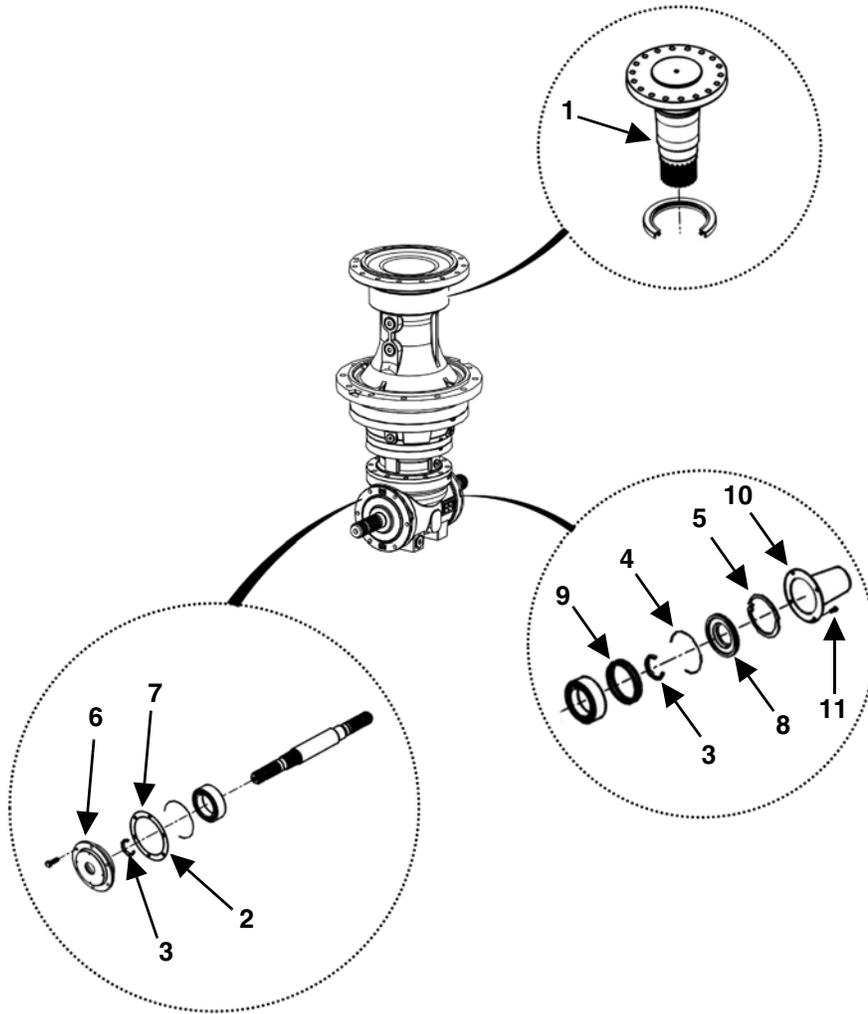
1600 SERIES PLANETARY
PRIOR TO SN 17VM(0355208, 0470219)



FM-155

KEY	PART NUMBER	QTY	DESCRIPTION
0	119-16-13.4-1	2	1600 Series Comer Planetary Gearbox 13.4:1 Ratio
1	119-P-CI-1	3	Plug 3/8" Gas DIN 908
2	119-P-CI-2	1	Input Flange
3	119-P-CI-3	2	Snap Ring
4	119-P-CI-4	1	Oil Seal
5	119-P-CI-5	1	Oil Seal
6	119-P-CI-6	3	Washer
7	119-P-CI-7	3	Plug 1/2" Gas DIN 908
8	119-P-CI-8	1	Magnetic Plug 1/2" Gas DIN
9	119-P-CI-9	1	Oil Seal, Upper
10	119-P-CI-20	1	O-Ring
11	119-P-CI-21	1	Shim Kit
12	119-P-CI-22	1	Shim Kit

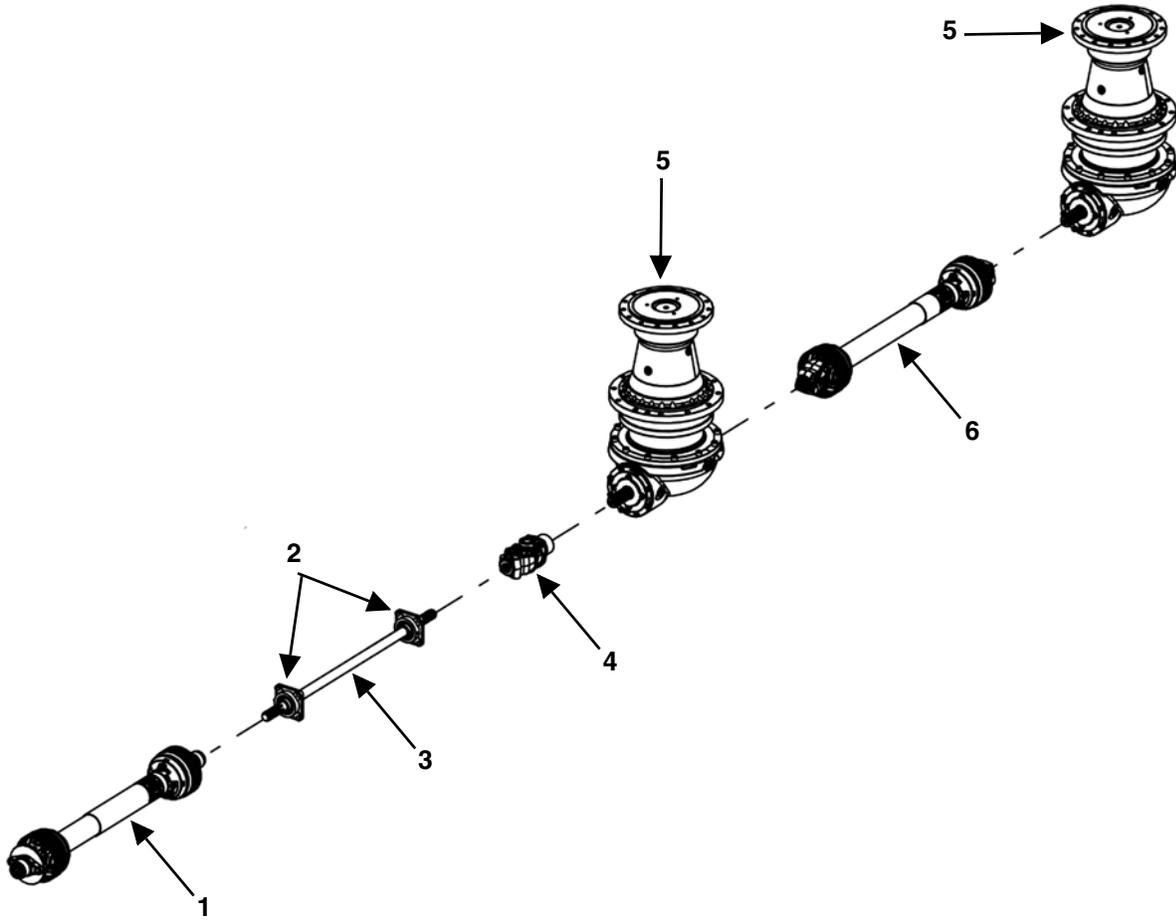
1680 SERIES PLANETARY
SN 17VM(0355208, 0470219) & LATER



FM-185

KEY	PART NUMBER	QTY	DESCRIPTION
0	119-1680-13.5-1	2	540RPM 1680 Series R&R Planetary Gearbox 13.5:1 Ratio
	119-1680-24.18-1	2	1000RPM 1680 Series R&R Planetary Gearbox 24.18:1 Ratio
1	119-P-RR-20	1	Oil Seal
2	119-P-RR-5	1	O-Ring
3	119-P-RR-6	2	Oil Seal
4	119-P-RR-7	1	O-Ring
5	119-P-RR-18	1	Snap Ring
6	119-P-RR-15	1	Cover
7	119-P-RR-14	1	Thickness Kit
8	119-P-RR-17	1	Seal
9	119-P-RR-16	1	Thickness Kit
10	119-P-RR-13	1	Cover
11	851-M5-.8-10-YZ	4	Cap Screw

DRIVELINE

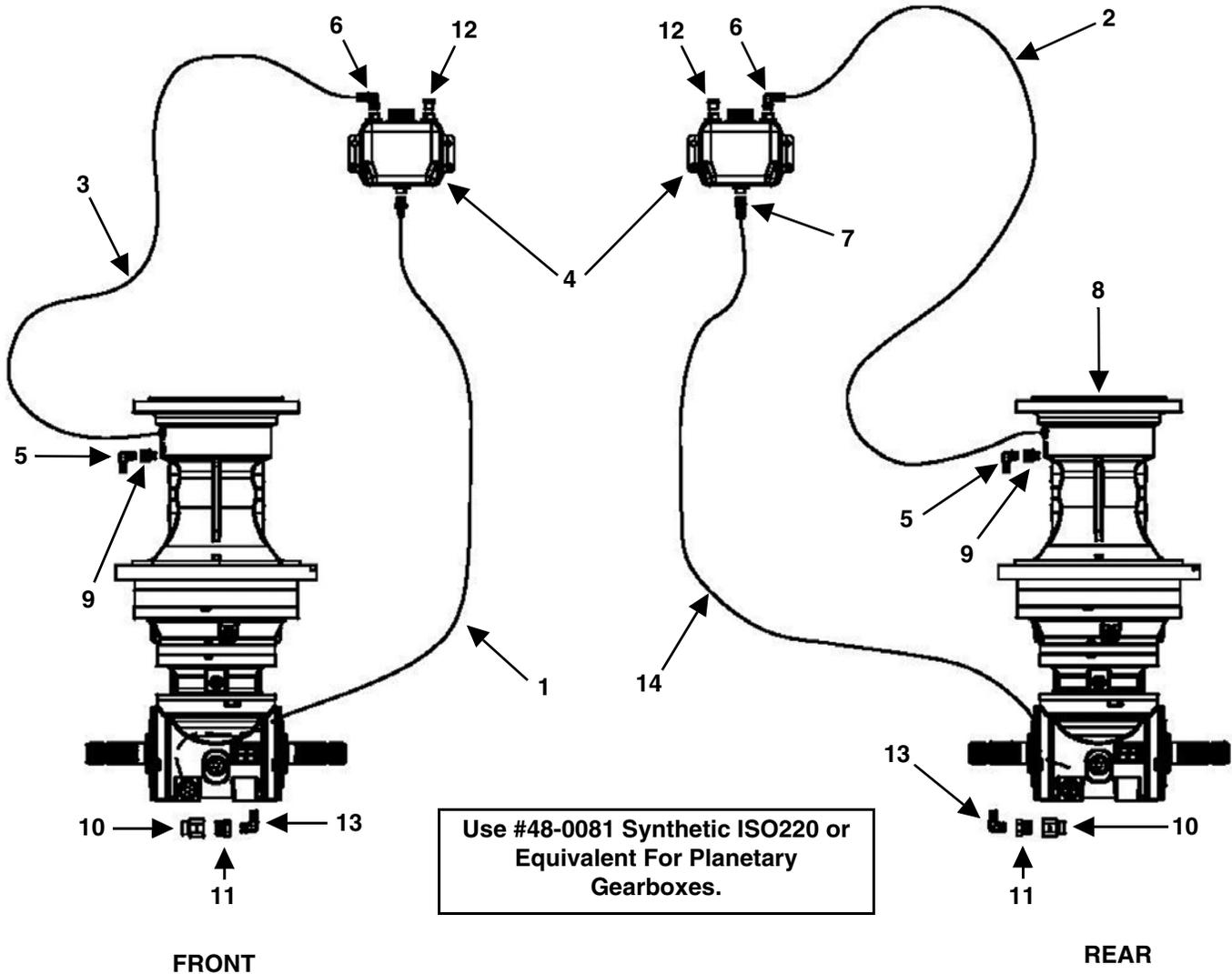


FM-150

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	See Page 86	1	540RPM 1-3/8-6 Spline x 1-3/8-6 Spline PTO Complete	Both Models
	See Page 86	1	1000RPM 1-3/8-21 Spline x 1-3/8-6 Spline PTO Complete	Both Models
2	914-3604	2	1-3/8" 4-Bolt Bearing With 1/8" NPT ZERK	Both Models
3	123-1.38-0001	1	Splined PTO Ext Drive Shaft 1.375 x 41.5" (Side Discharge) Prior to SN 17VM(0355208, 0470219)	Both Models
	123-1.38-0002	1	PTO Ext Drive Shaft 1.375 x 70.75" (Front Discharge) Prior to SN 17VM(0355208, 0470219)	Both Models
	123-1.38-0003	1	Splined PTO Ext Drive Shaft 1.373 x 44.25" (Side Discharge) SN 17VM(0355208, 0470219) & Later	Both Models
	123-1.38-0004	1	PTO Ext Drive Shaft 1.373 x 73.5" (Front Discharge) SN 17VM(0355208, 0470219) & Later	Both Models
4	See Page 90	1	Complete Universal Joint 1-3/8-6/1 3/4-20	Both Models
5	See Page 76	2	1600 Series Comer Planetary Gearbox 13.4:1 Ratio Prior to SN 17VM(0355208, 0470219)	Both Models
	See Page 78	2	540RPM 1680 Series R&R Planetary Gearbox 13.5:1 Ratio SN 17VM(0355208, 0470219) & Later	Both Models
	See Page 78	2	1000RPM 1680 Series R&R Planetary Gearbox 24.18:1 Ratio SN 17VM(0355208, 0470219) & Later	Both Models
	851-6311-3Z	24	5/8-11 x 3" Machine Bolt Prior to SN 17VM(0355208, 0470219)	Both Models
	822-0063-Z	24	5/8" Split Washer Prior to SN 17VM(0355208, 0470219)	Both Models
	813-6311	24	5/8" Nut Prior to SN 17VM(0355208, 0470219)	Both Models
	851-M14-2.0-130-Z	36	M14-2.0 x 130mm Machine Bolt SN 17VM(0355208, 0470219) & Later	Both Models
	815-M14-2.0-Z	36	M14-2.0 Nylon Lock Nut SN 17VM(0355208, 0470219) & Later	Both Models
	MS11-1-0003	12	1680 Planetary Pin SN 17VM(0355208, 0470219) & Later	Both Models
	MS11-1-0004	4	1680 Planetary Bolt Ring SN 17VM(0355208, 0470219) & Later	Both Models
6	See Page 88	1	Rear Drive Shaft With Guard Prior to SN 17VM(0355208, 0470219)	Both Models
	See Page 88	1	Rear Drive Shaft With Guard SN 17VM(0355208, 0470219) & Later	Both Models
7	M9-1-8-0011	1	Rotational Counter Bracket	Both Models

HOSE FITTING HYDRAULIC SYSTEM

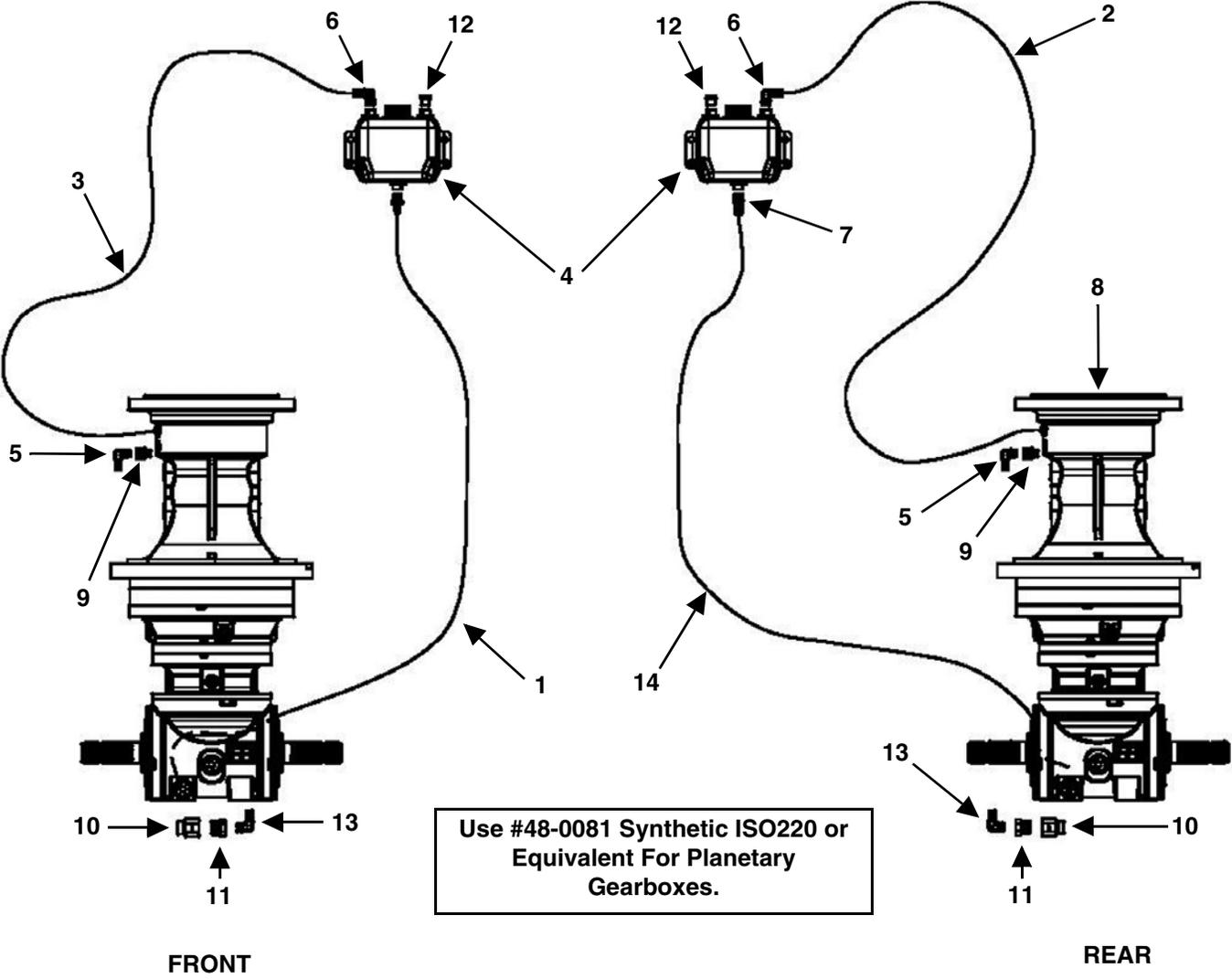
Planetary Gearbox



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-2231-06	74.5"	3/8" ID x 5/8" OD Push On Hose, Front Prior to SN 16VM(0355204, 0470214)	Both Models
	155-2231-08	79"	1/2" ID x 3/4" OD Push On Hose SN 16VM(0355204, 0470214) & Later	Both Models
2	155-2231-06	110.5"	3/8" ID x 5/8" OD Push On Hose Prior to SN 16VM(0355204, 0470214)	Both Models
	155-2231-08	110"	1/2" ID x 3/4" OD Push On Hose SN 16VM(0355204, 0470214) & Later	Both Models
3	155-2231-06	122.5"	3/8" ID x 5/8" OD Push On Hose Prior to SN 16VM(0355204, 0470214)	Both Models
	155-2231-08	110"	1/2" ID x 3/4" OD Push On Hose SN 16VM(0355204, 0470214) & Later	Both Models
4	952-0003	2	2 QT Plastic Tank With Vented Cap	Both Models
5	55-0401	2	3/8" x 3/8" BRS 90° Elbow Barb Prior to SN 16VM(0355204, 0470214)	Both Models
	55-0404	2	1/2" x 3/8" BRS 90° Elbow SN 16VM(0355204, 0470214) Through 16VM(0355209, 0470230)	Both Models
	955-0003	2	6MP-6FP 90° Street Elbow SN 16VM(0355210, 0470231) Through 17VM(0355207, 0470218)	Both Models
	55-0405	2	1/2" x 3/8" BRS Male Barb SN 16VM(0355210, 0470231) & Later	Both Models
	155-5502-04-06	2	4MP-6FP 90° Street Elbow SN 17VM(0355208, 0470219) & Later	Both Models
6	55-0401	2	3/8" x 3/8" BRS 90° Elbow Barb Prior to SN 16VM(0355204, 0470214)	Both Models
	55-0404	2	1/2" x 3/8" BRS MA Barb Hose SN 16VM(0355204, 0470214) & Later	Both Models
7	55-0402	2	3/8" x 3/8" BRS MA Barb Hose Prior to SN 16VM(0355204, 0470214)	Both Models
	55-0405	2	1/2" x 3/8" BRS MA Barb Hose SN 16VM (0355204, 0470214) & Later	Both Models
8	See Page 76	2	1600 Planetary Gearbox 13.4:1 Ratio 1.75-20 SPL Prior to SN 17VM(0355208, 0470219)	Both Models
	See Page 78	2	540RPM 1680 Series R&R Planetary Gearbox 13.5:1 Ratio SN 17VM(0355208, 0470219) & Later	Both Models
	See Page 78	2	1000RPM 1680 Series R&R Planetary Gearbox 24.18:1 Ratio SN 17VM(0355208, 0470219) & Later	Both Models
9	155-PB06-06	2	#06 NPT FEMx06BSPP Adapter With BSP Bonded Seal Prior to SN 17VM(0355208, 0470219)	Both Models
	155-PB4-4	2	#04 NPT FEMx04BSPP Adapter With BSP Bonded Seal SN 17VM(0355208, 0470219) & Later	Both Models

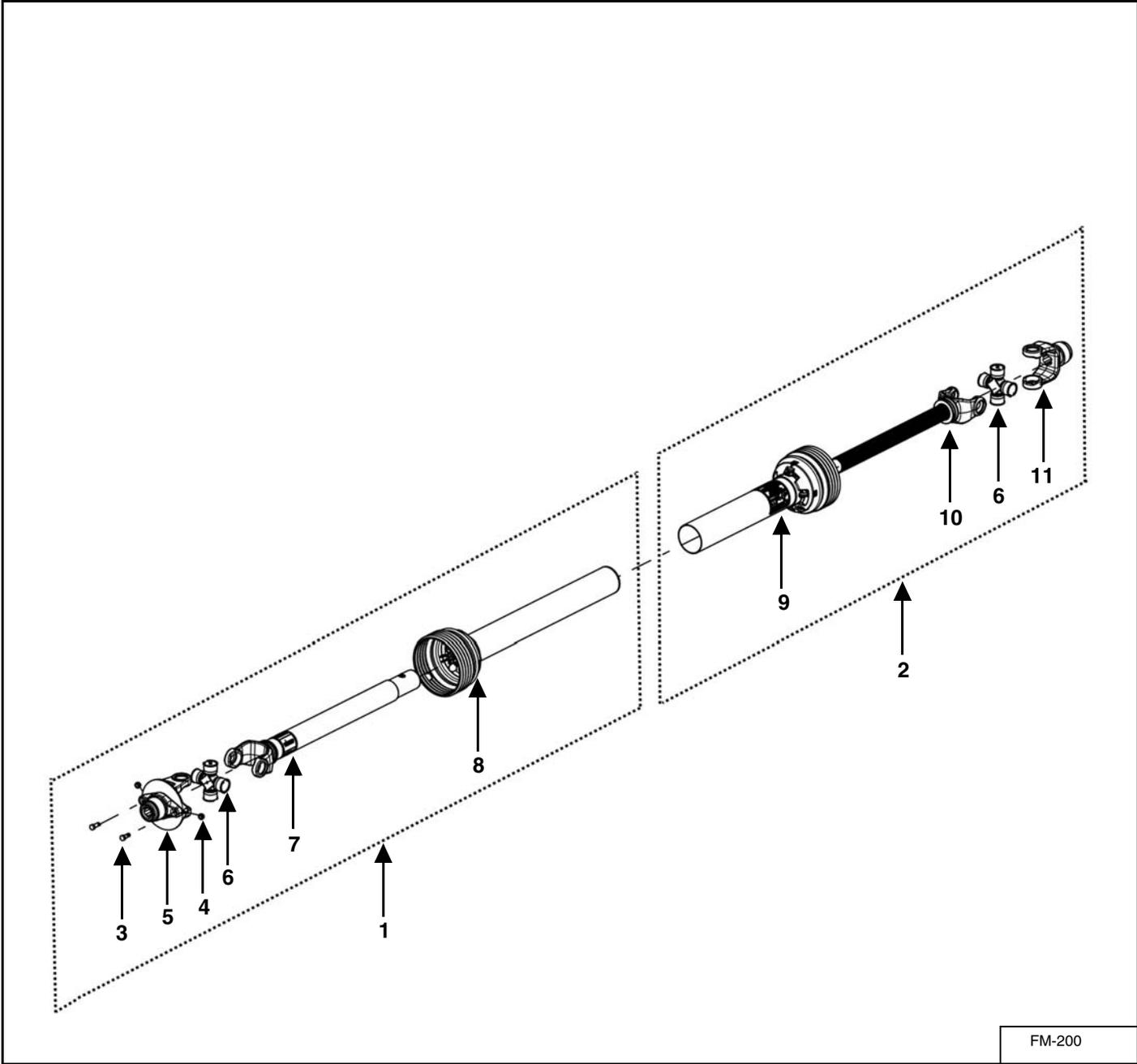
HOSE FITTING HYDRAULIC SYSTEM (CONT'D)

Planetary Gearbox



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
10	155-PB08-08	2	#8 NPT FEMx08BSPP Adapter W / BSP Bonded Seal Prior to SN 17VM(0355208, 0470219)	Both Models
	155-PB12-12	2	#12 NPT FEMx12BSPP Adapter W / BSP Bonded Seal SN 17VM(0355208, 0470219) & Later	Both Models
11	155-5406-08-06	2	8MP-6FP Pipe Reducer Bushing 1/2"-3/8" Prior to SN 16VM(0355204, 0470214)	Both Models
	55-0044	2	12MP-08FP Straight Pipe Reducer Bushing SN 17VM(0355208, 0470219) & Later	Both Models
12	55-0307	2	Breather Vent 3/8" Pipe x 11/16" Hex 150 PSI	Both Models
13	55-0401	2	3/8" x 3/8" BRS 90° Elbow Barb Prior to SN 16VM(0355204, 0470214)	Both Models
	55-0406	2	1/2" x 1/2" BRS 90° Elbow Barb SN 16VM(0355204, 0470214) & Later	Both Models
14	155-2231-06	77.5"	3/8" ID x 5/8" OD Push On Hose, Rear Prior to SN 16VM(0355204, 0470214)	Both Models
	155-2231-08	79"	1/2" ID x 3/4" OD Push On Hose SN 16VM(0355204, 0470214) & Later	Both Models
NS	32-0044	AR	Hose Clamp Prior to SN 16VM(0355204, 0470214)	Both Models
NS	32-0048	AR	Hose Clamp SN 16VM(0355204, 0470214) & Later	Both Models

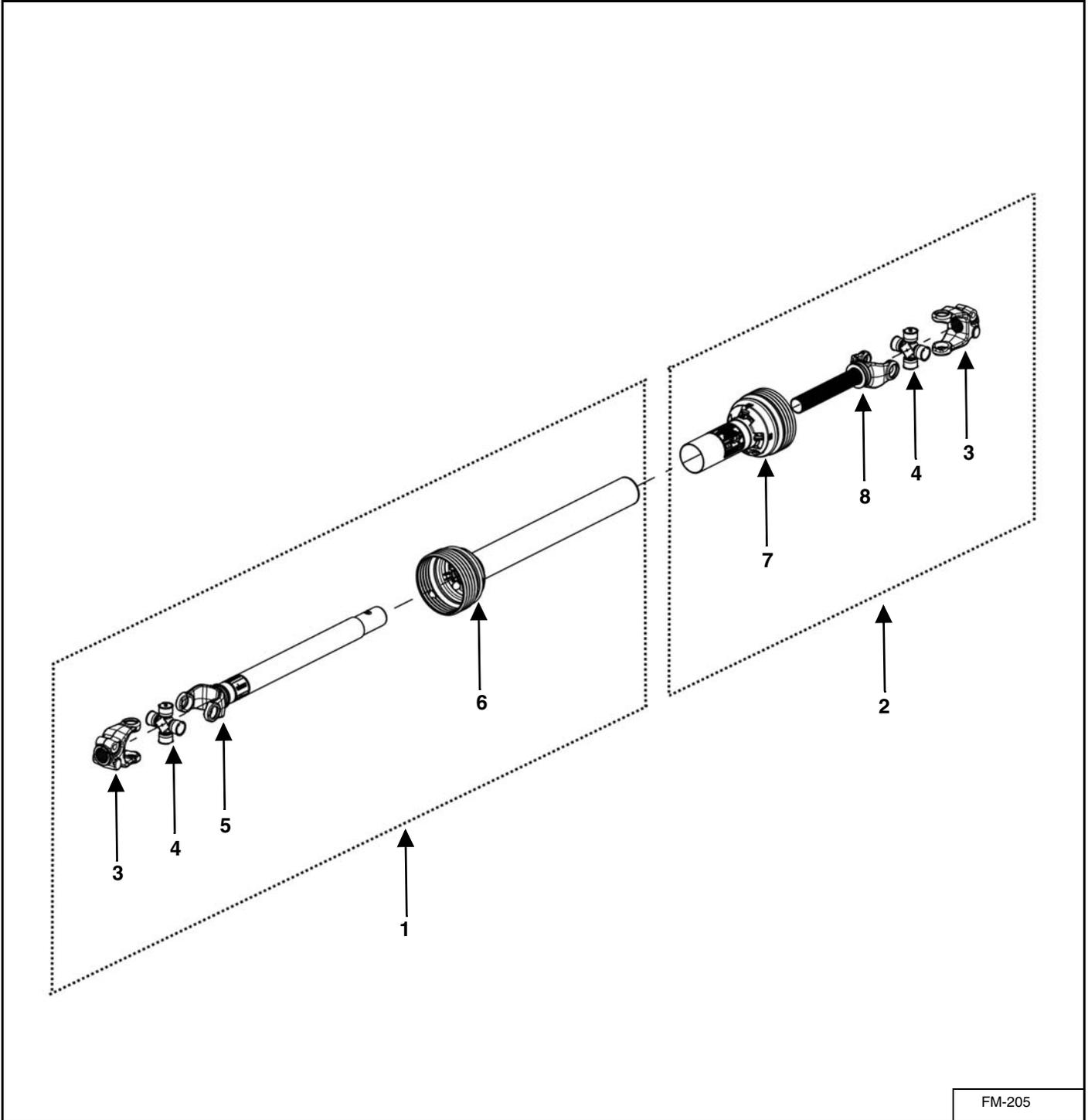
FRONT PTO DRIVE SHAFT



FM-200

KEY	PART NUMBER	QTY	DESCRIPTION
0	118-VM-0001-55	1	540RPM 1-3/8-6 Spline x 1-3/8-6 Spline PTO Complete
	118-VM-0013-55	1	1000RPM 1-3/8-21 Spline x 1-3/8-6 Spline PTO Complete
1	118-VM-0001-55-2	1	1-3/8-6 Spline Implement Half Assembly With Guard
2	118-VM-0001-55-1	1	540RPM 1-3/8-6 Spline Tractor Half Assembly With Guard
	118-VM-0013-55-1	1	1000RPM 1-3/8-21 Spline Tractor Half Assembly With Guard
3	851-3816-1Z	2	3/8-16 x 1" Bolt
4	814-3816-Z	2	3/8-16 Lock Nut
5	118-VM-0001-55-2-3	1	540RPM Ball Shear Assembly
	118-VM-0001-55-2-4	1	1000RPM Ball Shear Assembly
6	118-VM-01-55-1-1	2	55EBL Cross Kit
7	118-VM-0001-55-2-2	1	Yoke, Tube & Slip Sleeve
8	118-VM-0001-55-2-1	1	Inner Guard
	118-VM-0001-55-1-4	1	Guard Repair Kit
9	118-VM-0001-55-1-3	1	Outer Guard
	118-VM-0001-55-1-4	1	Guard Repair Kit
10	118-VM-0001-55-1-2	1	Yoke & Shaft
11	118-VM-0001-55-1-1	1	540RPM Safety Slide Lock Yoke Assembly
	118-VM-0013-55-1-2	1	1000RPM Safety Slide Lock Yoke Assembly
	918-0001-11	2	Lock Repair Kit

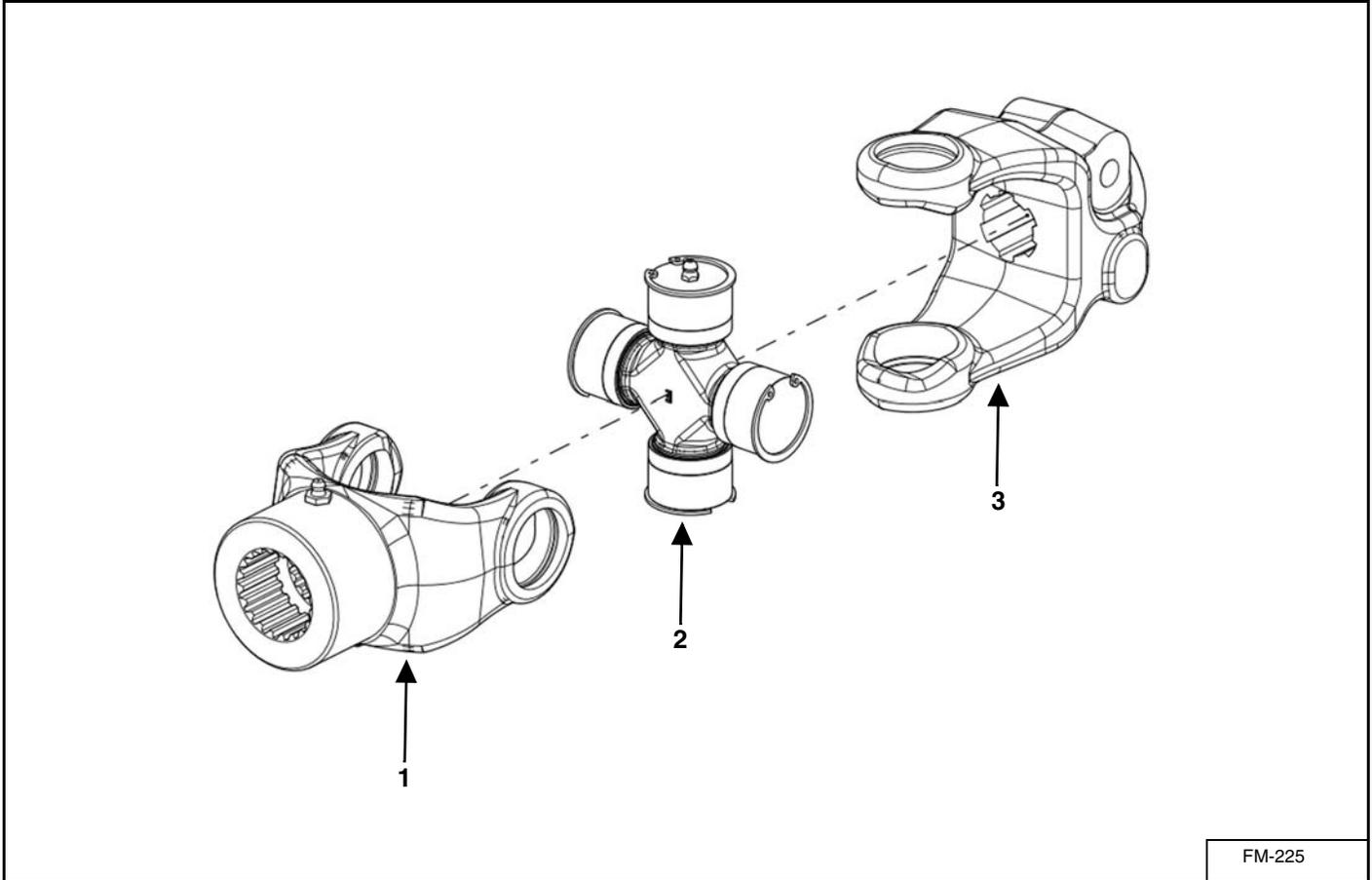
REAR PTO DRIVE SHAFT



FM-205

KEY	PART NUMBER	QTY	DESCRIPTION
0	118-VM-0007-55	1	Rear Drive Shaft With Guard Prior to SN 17VM(0355208, 0470219)
	118-VM-0011-55	1	Rear Drive Shaft With Guard SN 17VM(0355208, 0470219) & Later
1	118-VM-0007-55-2	1	1-3/4-20 Spline Joint & Tube Half Assembly With Guard Prior to SN 17VM(0355208, 0470219)
	118-VM-0011-55-1	1	1-3/4-20 Spline Joint & Tube Half Assembly With Guard SN 17VM(0355208, 0470219) & Later
2	118-VM-0007-55-1	1	1-3/4-20 Spline Joint & Shaft Half Assembly With Guard
3	118-VM-0004-55-1-1	2	Yoke
4	118-VM-01-55-1-1	2	55EBL Cross Kit
5	118-VM-0007-55-2-2	1	Yoke, Tube & Slip Sleeve Prior to SN 17VM(0355208, 0470219)
	118-VM-0011-55-1-3	1	Yoke, Tube & Slip Sleeve SN 17VM(0355208, 0470219) & Later
6	118-VM-0007-55-2-1	1	Inner Guard Prior to SN 17VM(0355208, 0470219)
	118-VM-0011-55-1-2	1	Inner Guard SN 17VM(0355208, 0470219) & Later
	118-VM-0001-55-1-4	1	Guard Repair Kit
7	118-VM-0007-55-1-1	1	Outer Guard
	118-VM-0001-55-1-4	1	Guard Repair Kit
8	118-VM-0004-55-1-2	1	Yoke & Shaft

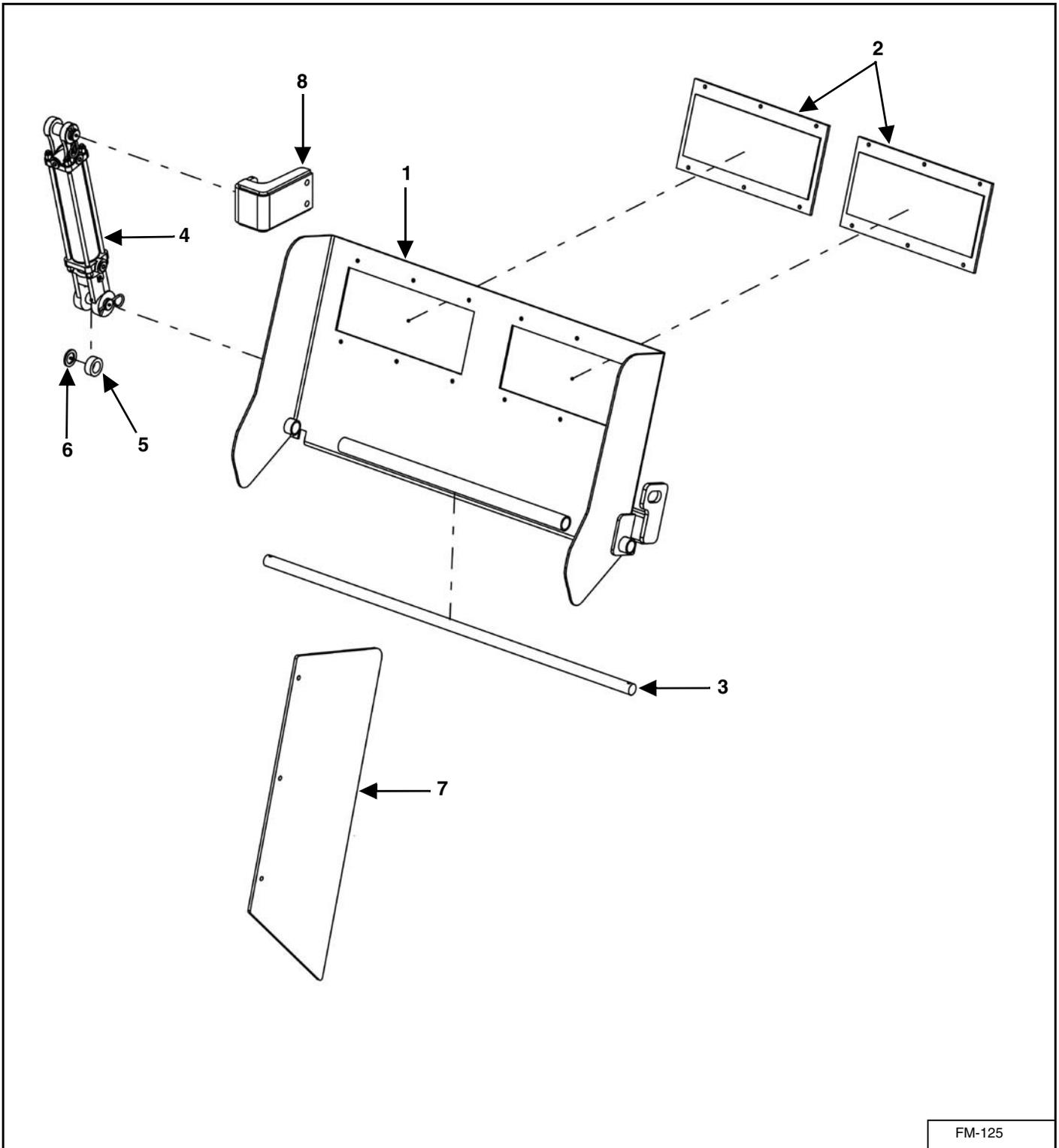
**UNIVERSAL JOINT
1-3/8-6 SPLINE X 1-3/4-20 SPLINE**



KEY	PART NUMBER	QTY	DESCRIPTION
0	118-VM-0002-55	1	Complete Universal Joint 1-3/8-6/1 3/4-20
1	118-VM-0002-55-2	1	Yoke
2	118-VM-01-55-1-1	1	55EBL Cross Kit
3	118-VM-0002-55-1	1	Yoke
	851-5013-3Z	1	1/2-13 x 3" Bolt
	815-5013-Z	1	1/2-13 Nylon Insert Lock Nut



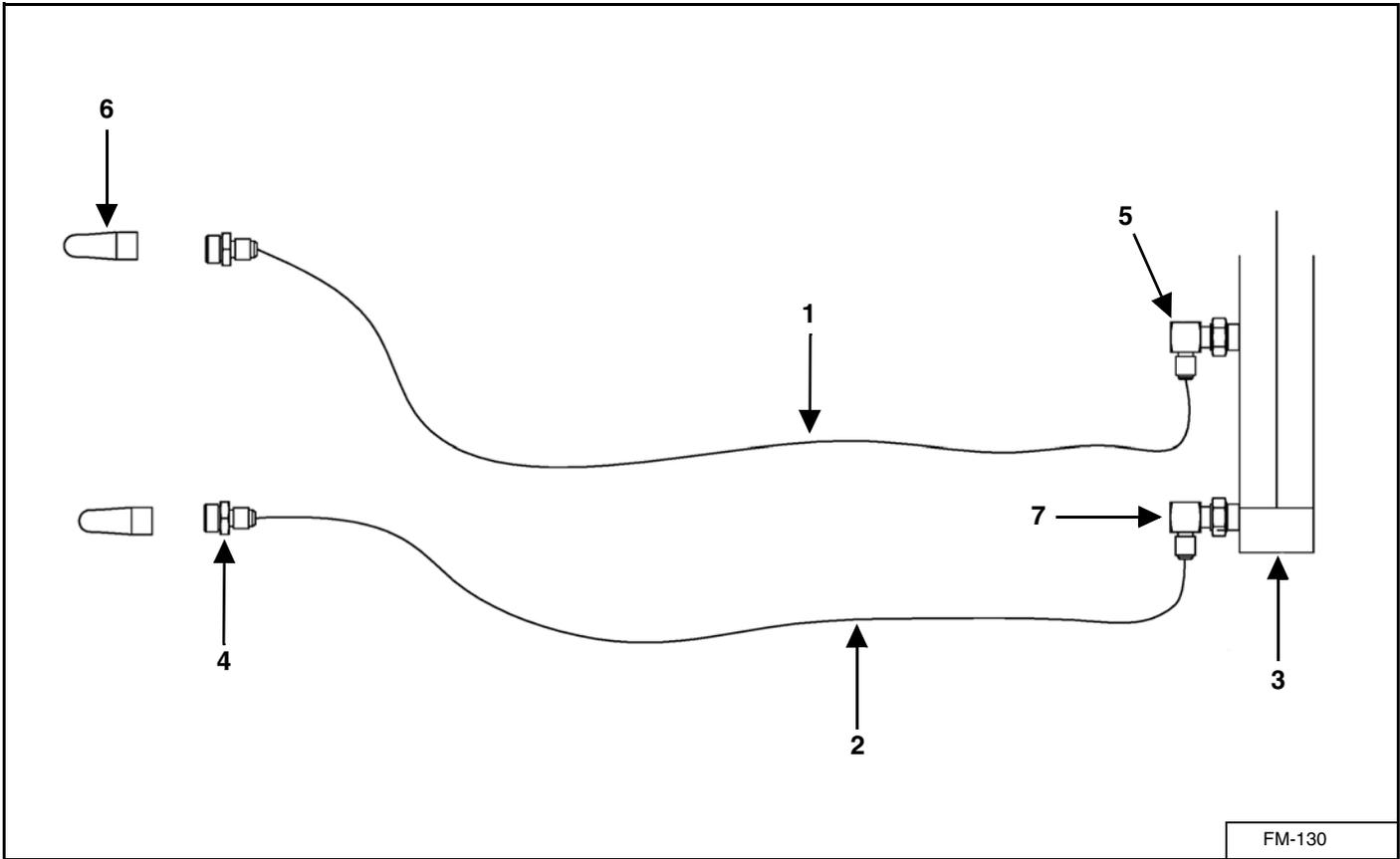
OPTIONAL EQUIPMENT
SIDE DISCHARGE SLIDE TRAY



FM-125

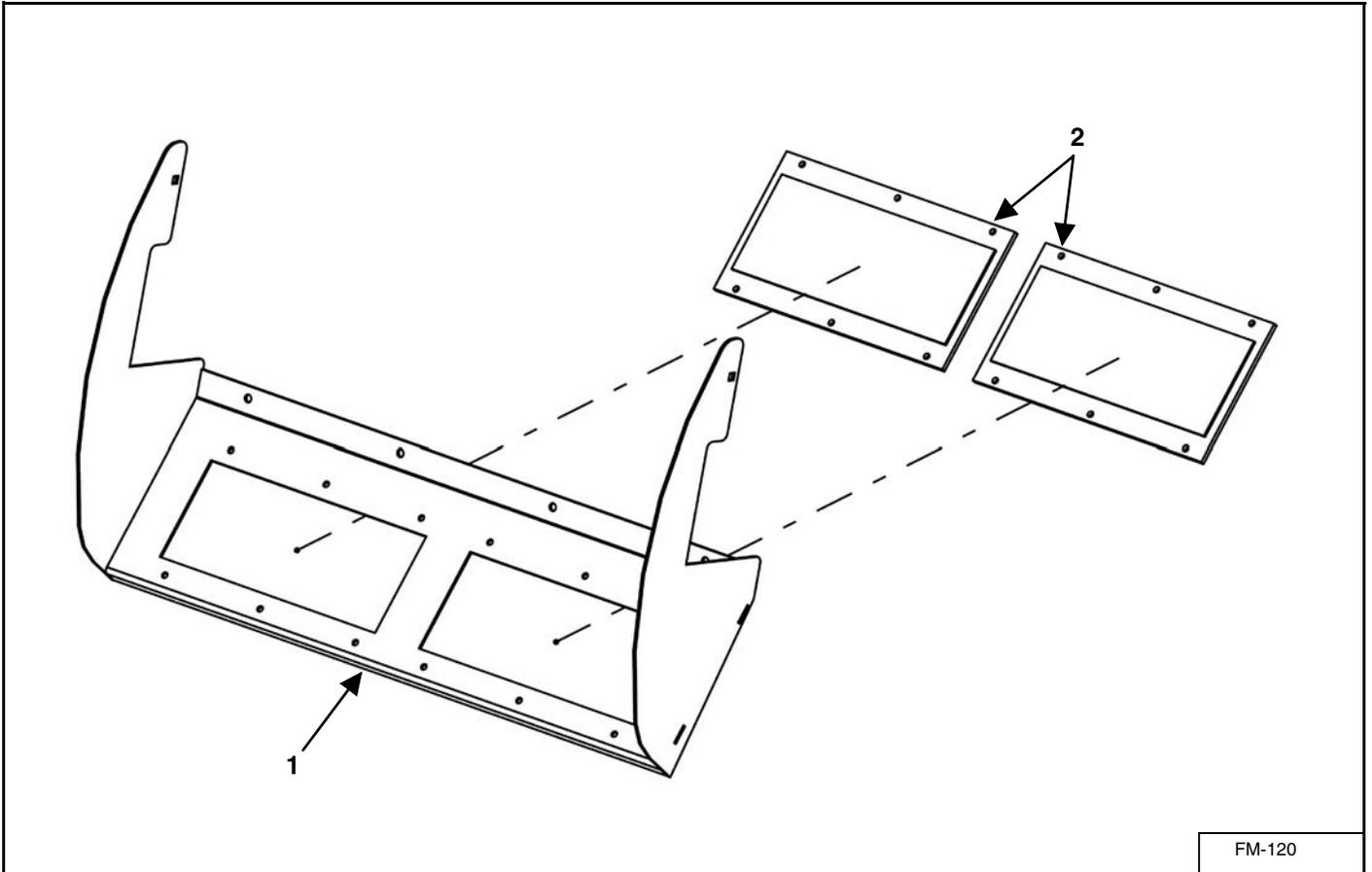
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M3-1-4-0027-1	1	36" Slide Tray Weldment	Both Models
2	M11-1-0004	2	15" Discharge Magnet	Both Models
	802T-3118-.75Z	12	5/16-18 x 3/4" Screw	Both Models
	810-3118-Z	12	5/16-18 Spin Lock Nut	Both Models
3	M3-1-4-0028	1	Chute Pivot Rod 1" x 41"	Both Models
4	See Page 94	1	2" x 8" x 1-1/8" Hydraulic Cylinder #8 SAE Ports	Both Models
5	33-0309	1	Cylinder Pin Spacer	Both Models
6	808-1-1.5-10-Z	1	10 GA 1" ID x 1-1/2" OD MB	Both Models
7	M3-1-4-0044	1	Slide Tray Deflector Belting	Both Models
	805-0038-Z	3	3/8" Flat Washer	Both Models
	815-3816-Z	3	3/8-16 Nylon Insert Lock Nut	Both Models
	850-3816-1Z	3	3/8-16 x 1" Bolt	Both Models
8	M3-1-4-0041	1	Slide Tray Cylinder Mount Weldment	Both Models

SLIDE TRAY HYDRAULIC SCHEMATIC



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	155-04R17-162-1	1	1/4" x 162" Hose Assembly	Both Models
	155-04R17-208-1	1	1/4" x 208" Hose Assembly SN 16VM(0355203, 0470209) & Later	Both Models
2	155-04R17-162-1	1	1/4" x 162" Hose Assembly	Both Models
	155-04R17-218-1	1	1/4" x 218" Hose Assembly SN 16VM(0355203, 0470209) & Later	Both Models
3	155-2-8-1.125-1	1	2" x 8" x 1-1/8" Hydraulic Cylinder #8 SAE Ports	Both Models
4	155-6400-6-8	2	#6 JIC Male, #8 ORB Male Straight Connector	Both Models
5	155-6801-6-8	1	#6 JIC Male, #8 ORB Male Adjustable 90° Prior to SN 16VM(0355203, 0470209)	Both Models
	155-6400-6-8	1	#6 JIC Male, #8 ORB Male Straight Connector SN 16VM(0355203, 0470209) Through 17VM(0355207, 0470220)	Both Models
	155-6801-6-8	1	#6 JIC Male, #8 ORB Male Adjustable 90° SN 17VM(0355208, 0470221) & Later	Both Models
6	155-8010-15	2	#8 ORB Male Tip 1/2" Body Size	Both Models
7	155-6801-6-8	1	#6 JIC Male, #8 ORB Male Adjustable 90°	Both Models

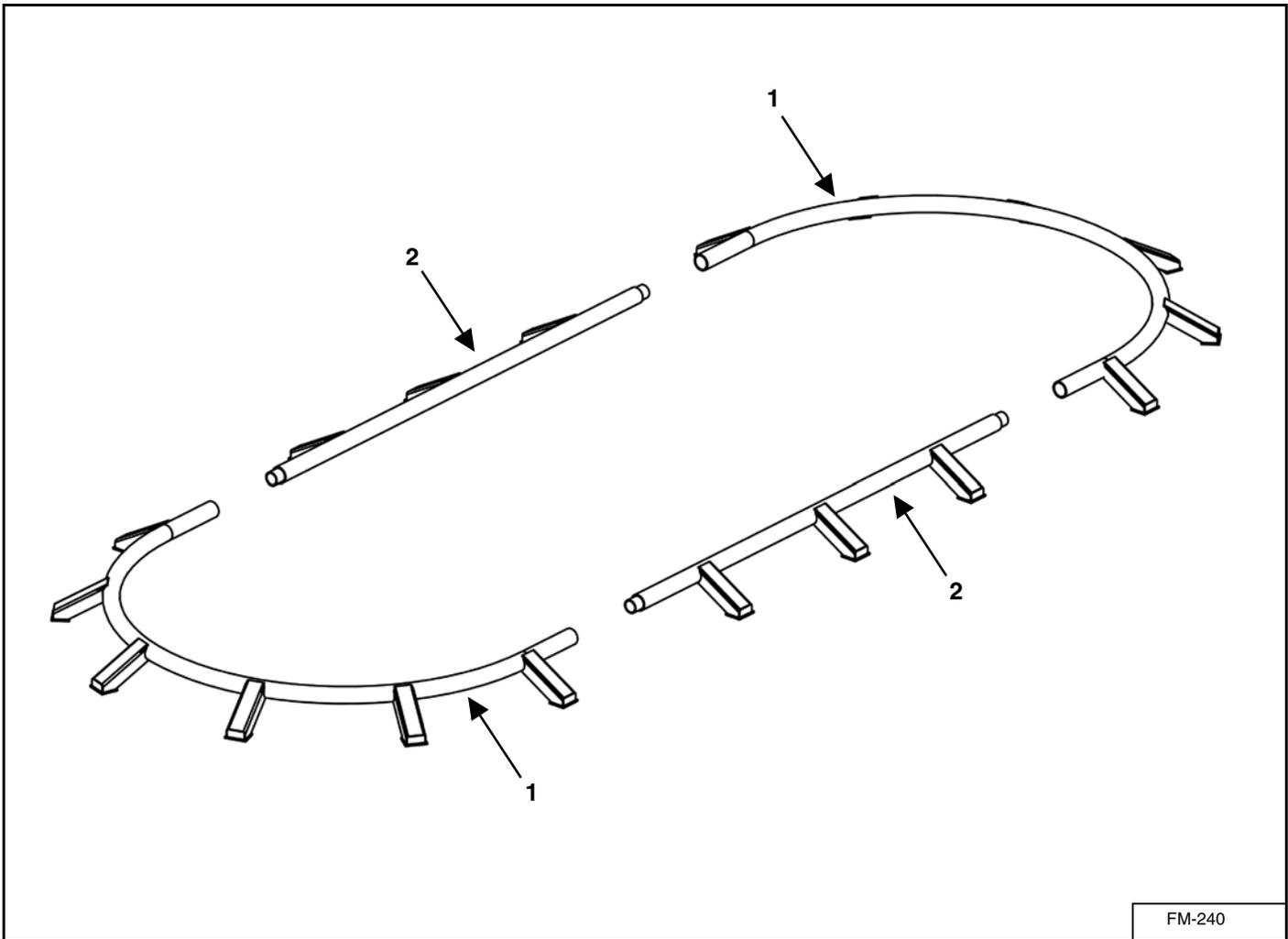
**TIP OFF
FRONT INCLINE DISCHARGE (CHAIN ONLY) & SIDE DISCHARGE**



FM-120

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M3-1-4-0046	1	Front Incline Discharge Tip Off Weldment	Both Models
	M3-1-4-0039	1	Side Discharge Conveyor Tip Off Weldment	Both Models
	810-3816-Z	7	3/8" Spin Lock Nut	Both Models
	851-3816-.75Z	5	3/8-16 x 3/4" Bolt	Both Models
	850-3816-.75Z	2	3/8-16 x 3/4" Bolt	Both Models
2	M11-1-0004	2	15" Discharge Magnet	Both Models
	802T-3118-.75Z	12	5/16-18 x 3/4" Truss Head Machine Screw	Both Models
	810-3118-Z	12	5/16-18 Spin Lock Nut	Both Models

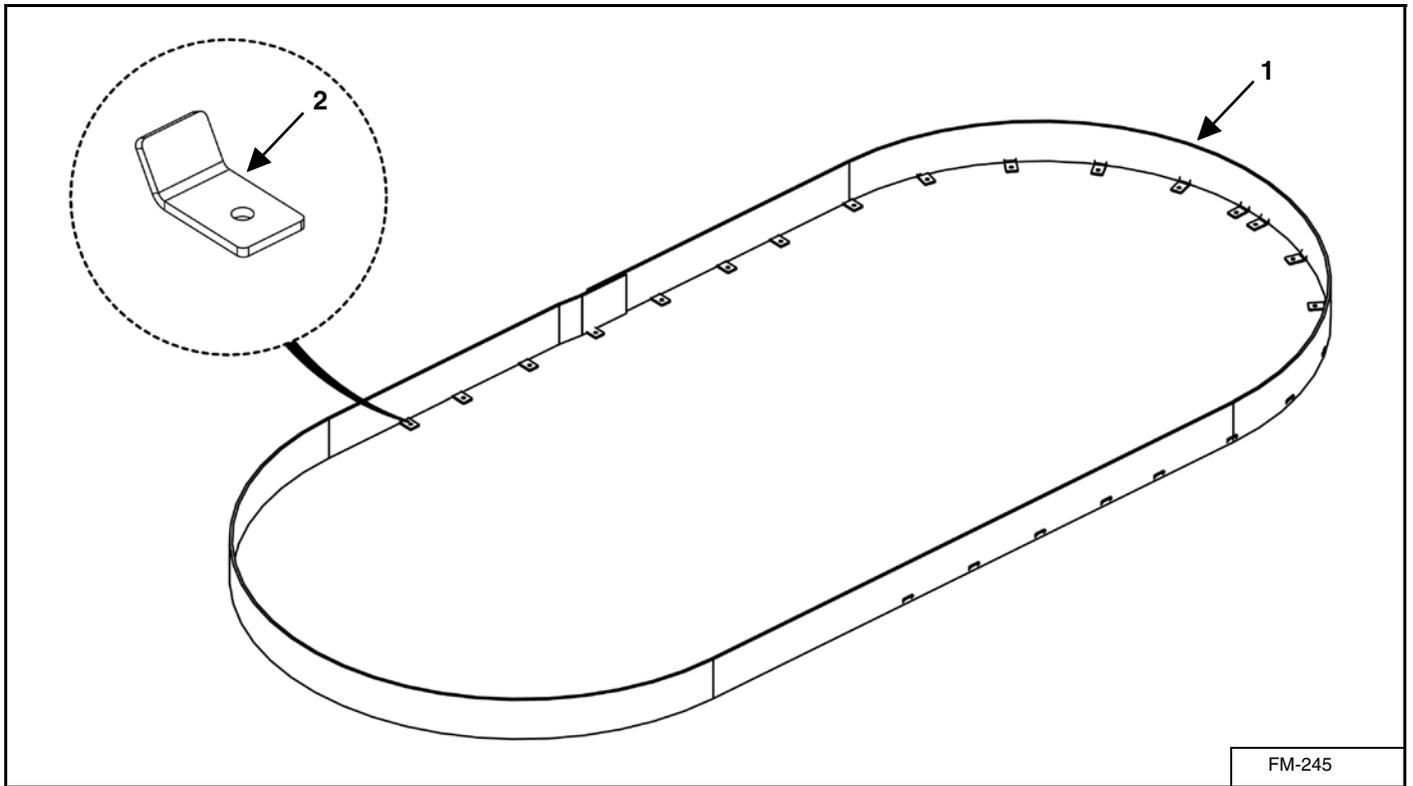
HAY RETENTION RING



FM-240

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M4-1-3-0001	2	Hay Retention Ring End Weldment	355
	M4-1-4-0001	2	Hay Retention Ring End Weldment	470
2	M4-1-4-0002	2	Hay Retention Ring Side Weldment	Both Models
NS	851-5013-1.25Z	AR	1/2"-13 x 1-1/4" Bolt	Both Models
NS	805-0050-Z	AR	1/2" Flat Washer	Both Models
NS	810-5013-Z	AR	1/2" Spin Lock Nut	Both Models

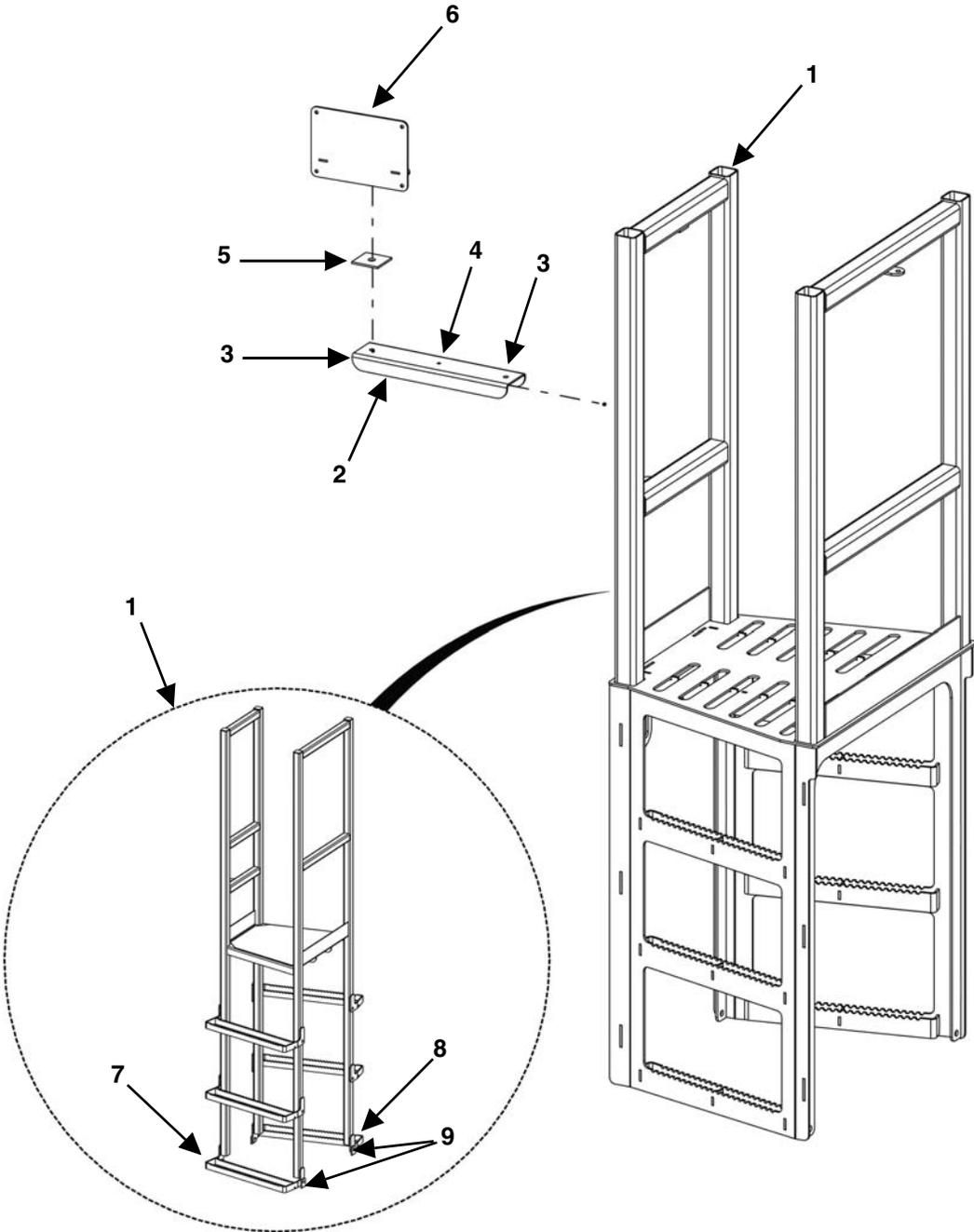
8" CAPACITY EXTENSION



FM-245

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	VA-0355-CE-8	1	8" Capacity Extension Assembly	355
	VA-0470-CE-8	1	8" Capacity Extension Assembly	470
1	M11-3-0001	1	8" Capacity Extension 0.453" x 8" x 37 FT	355
	M11-4-0001	1	8" Capacity Extension 0.453" x 8" x 39 FT	470
	805-0038-Z	4	3/8" Flat Washer	Both Models
	815-3816-Z	2	3/8-16 Nylon Insert Lock Nut	Both Models
	851-3816-1.25Z	2	3/8-16 x 1-1/4" Grade 5 Machine Bolt	Both Models
2	M4-1-8-0006	38	Belt Extension Mounts	Both Models
	805-0050-Z	38	1/2" Flat Washer	Both Models
	814-5013-Z	38	1/2-13 Indented Lock Nut	Both Models
	851-5013-1.5Z	38	1/2-13 x 1-1/2" Grade 5 Machine Bolt	Both Models

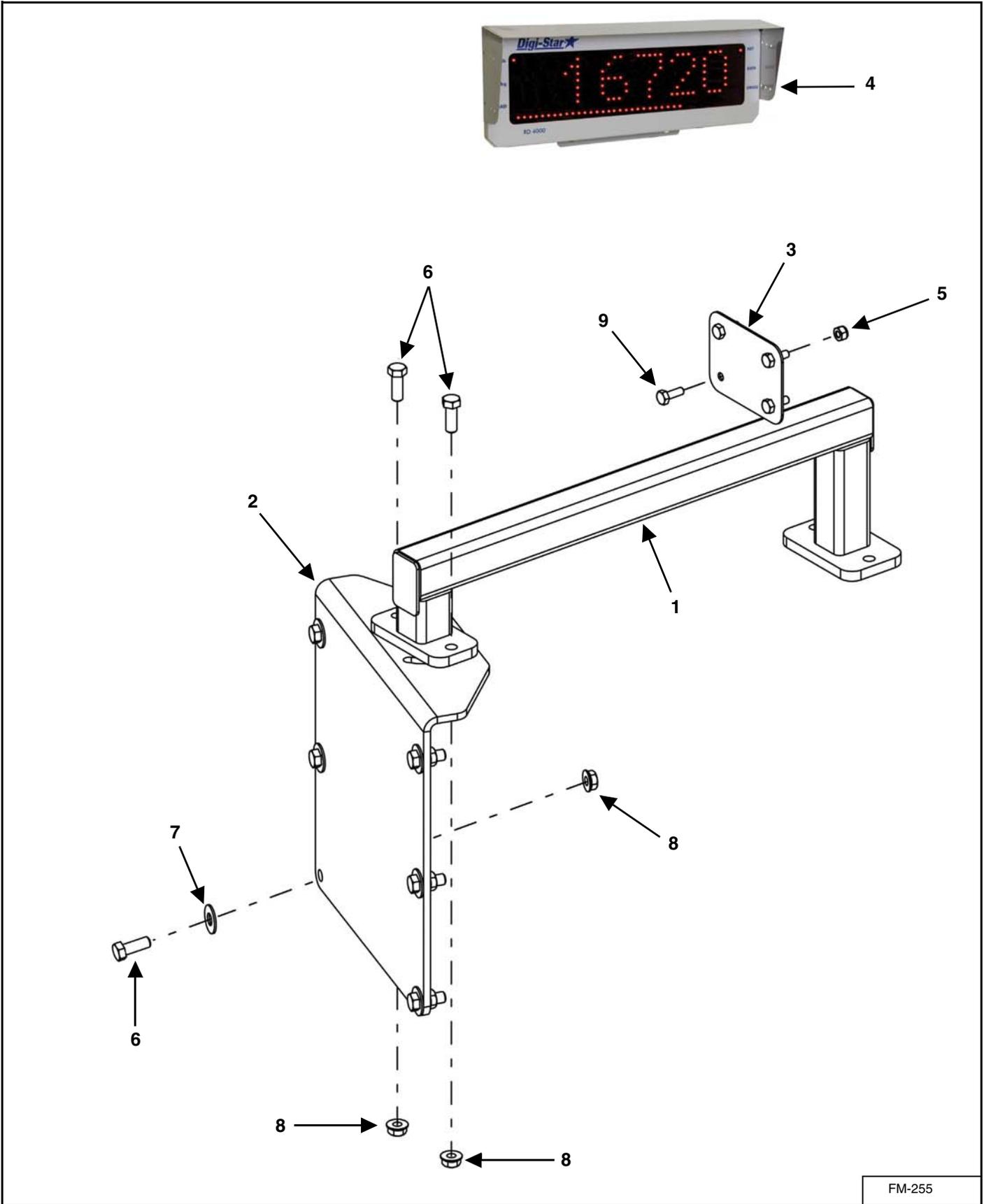
VIEWING PLATFORM



FM-146A

KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
1	M10-1-4-0002	1	Viewing Platform Weldment Prior to SN 18VM(0470205)	470
	M10-1-4-0003	1	Viewing Platform Weldment SN 18VM(0470205) & Later	470
2	M9-1-8-0003	1	Scale Arm	470
3	851-3816-1Z	2	3/8-16 x 1" Grade 5 Machine Bolt	470
	815-3816-Z	2	3/8-16 Nylon Insert Lock Nut	470
4	32-0033	1	1/2" Loom Clamp	470
	851-2520-.75Z	1	1/4-20 x 3/4" Grade 5 Machine Bolt	470
	815-2520-Z	1	1/4-20 Nylon Insert Locknut	470
5	M9-1-8-0004	2	Scale Arm Rubber Washer	470
6	M9-1-8-0002	1	Scale Indicator Mount	470
7	M10-1-8-0001-14	1	Left Bottom Step Weldment Prior to SN 18VM(0470205) (Welded On)	470
8	M10-1-8-0005	1	Right Bottom Step Weldment Prior to SN 18VM(0470205) (Welded On)	470
9	810-5013-Z	4	1/2" Spin Lock Nut	470
	851-5013-1.25Z	4	1/2-13 x 1-1/4" Grade 5 Machine Bolt	470

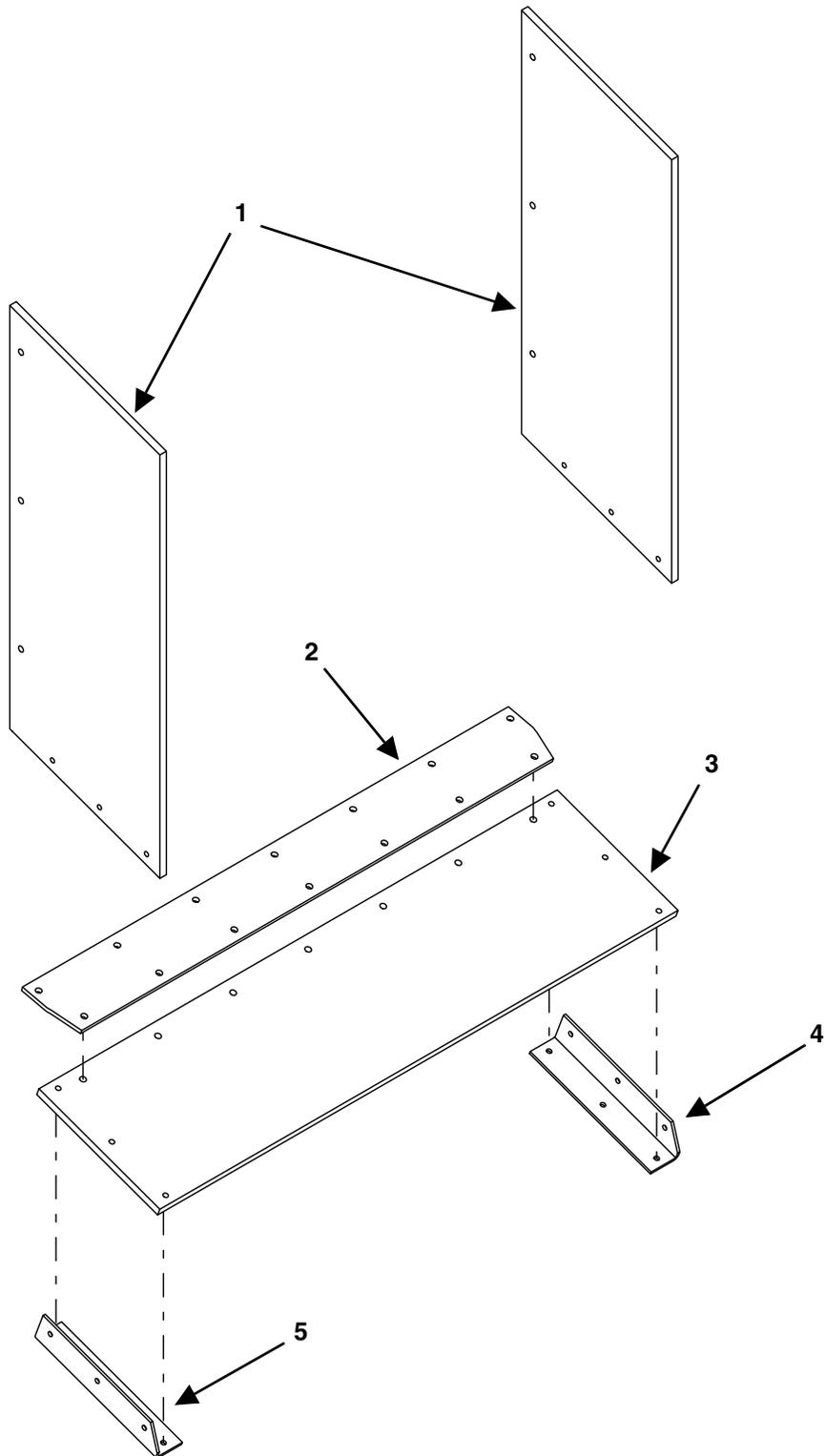
REMOTE SCALE MOUNT



FM-255

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

RUBBER SIDE DOOR CHUTE ASSEMBLY

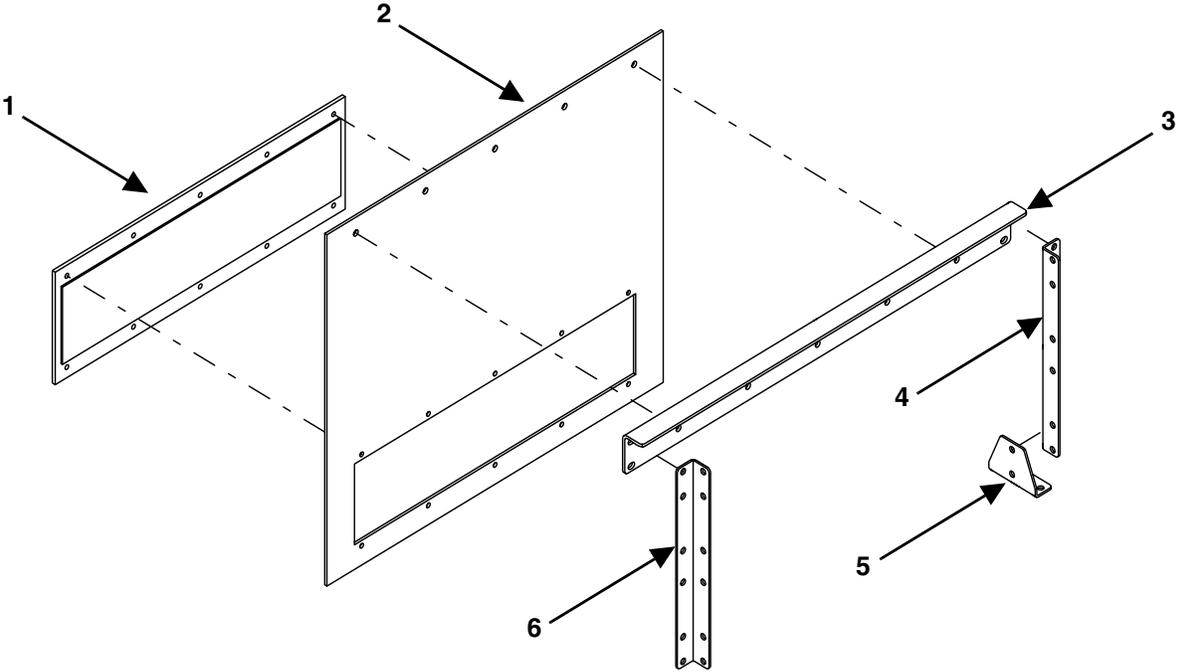


RUBBER SIDE DOOR CHUTE ASSEMBLY

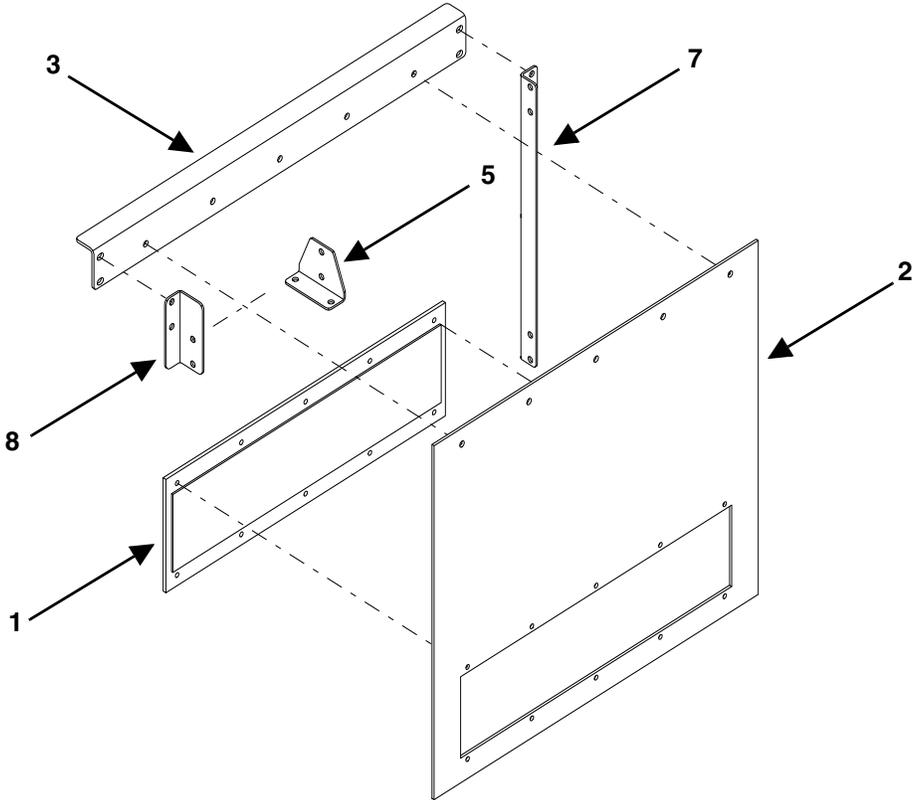
KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	VAS-SDBC-12	1	12" Side Door Belt Chute	Both Models
	VAS-SDBC-18	1	18" Side Door Belt Chute	Both Models
1	M11-4-0003-2	1	Chute Side Belt (18" Belt Chute)	Both Models
	M11-4-0003-2-18	2	Chute Side Belt (18" Belt Chute)	Both Models
2	M11-4-0003-3	1	Side Door Belt Chute Mount	Both Models
3	M11-4-0003-1	1	Chute Bottom Belt (12" Belt Chute)	Both Models
	M11-4-0003-1-18	1	Chute Bottom Belt (18" Belt Chute)	Both Models
4	M11-5-0002-4	1	Chute Corner Right Side Bracket (Facing Door) (12" Belt Chute)	Both Models
	M11-5-0002-4-18	1	Chute Corner Right Side Bracket (Facing Door) (18" Belt Chute)	Both Models
5	M11-5-0002-3	1	Chute Corner Left Side Bracket (Facing Door) (12" Belt Chute)	Both Models
	M11-5-0002-3-18	1	Chute Corner Right Side Bracket (Facing Door) (18" Belt Chute)	Both Models
NS	802T-2520-1Z	12	1/4-20 x 1" Truss Head Machine Screw (12" Belt Chute)	Both Models
	802T-2520-1Z	20	1/4-20 x 1" Truss Head Machine Screw (18" Belt Chute)	Both Models
NS	802T-3118-1.25Z	20	5/16-18 x 1-1/4" Truss Head Machine Screw	Both Models
NS	805-0025-Z	12	1/4" Flat Washer (12" Belt Chute)	Both Models
	805-0025-Z	20	1/4" Flat Washer (18" Belt Chute)	Both Models
NS	805-0031-Z	13	5/16" Flat Washer	Both Models
NS	810-3118-Z	7	5/16-18 Spin Lock Nut	Both Models
NS	815-2520-Z	12	1/4-20 Nylon Insert Lock Nut (12" Belt Chute)	Both Models
	815-2520-Z	20	1/4-20 Nylon Insert Lock Nut (18" Belt Chute)	Both Models
NS	815-3118-Z	13	5/16-18 Nylon Insert Lock Nut	Both Models

CONVEYOR HANGING MAGNET ASSEMBLY

Flat Front Belt/Chain & Incline Front Belt Conveyor Hanging Magnet



Incline Front Chain Conveyor Hanging Magnet



KEY	PART NUMBER	QTY	DESCRIPTION	MIXER MODEL
0	VAS-HMB	1	Hanging Magnet Kit For Left / Right Discharge (Front Flat Belt Conveyor)	Both Models
	VAS-HMC	1	Hanging Magnet Kit For Left / Right Discharge (Front Flat Chain Conveyor)	Both Models
	VAS-HMB-I	1	Hanging Magnet Kit For Left / Right Discharge (Front Incline Belt Conveyor)	Both Models
	VAS-HMCI	1	Hanging Magnet Kit For Right Discharge (Front Incline Chain Conveyor)	Both Models
1	M11-4-0004-1	1	25" Discharge Magnet	Both Models
2	M11-4-0004-2	1	Magnet Belting	Both Models
3	M11-4-0004-3	1	Hanging Magnet Mount	Both Models
4	M11-7-0004	1	Magnet Mount Rear Support Upright (Front Flat Belt & Chain Conveyor)	Both Models
	M11-4-0004-7	1	Magnet Mount Rear Support Upright (Front Incline Belt Conveyor)	Both Models
5	M11-1-0003-3	1	Magnet Support Mount	Both Models
6	M11-7-0004	1	Magnet Mount Front Support Upright (Front Flat & Incline Belt Conveyor)	Both Models
	M11-4-0004-4	1	Magnet Mount Front Support Upright (Front Flat Chain Conveyor)	Both Models
7	M11-4-0004-6	1	Magnet Mount Rear Support Upright (Front Incline Chain Conveyor)	Both Models
8	M11-4-0004-5	1	Magnet Mount Front Support Upright (Front Incline Chain Conveyor)	Both Models
NS	802T-2520-1Z	10	1/4-20 x 1" Truss Head Machine Screw	Both Models
NS	810-3816-Z	10	3/8" Spin Lock Nut	Both Models
NS	815-2520-Z	10	1/4-20 Nylon Insert Lock Nut	Both Models
NS	815-3816-Z	5	3/8-16 Nylon Insert Lock Nut	Both Models
NS	851-3816-.75Z	15	3/8-16 x 3/4" Machine Bolt (Front Flat Belt Conveyor)	Both Models
	851-3816-.75Z	13	3/8-16 x 3/4" Machine Bolt (Front Flat / Incline Chain Conveyor)	Both Models
NS	850-3816-.75Z	2	3/8-16 x 3/4" Carriage Bolt (Front Flat / Incline Chain Conveyor)	Both Models
NS	851-3816-.75Z	15	3/8-16 x 3/4" Machine Bolt (Front Flat Belt Conveyor)	Both Models
	851-3816-.75Z	10	3/8-16 x 3/4" Machine Bolt (Front Incline Belt Conveyor)	Both Models
	851-3816-.75Z	13	3/8-16 x 3/4" Machine Bolt (Front Flat / Incline Chain Conveyor)	Both Models
NS	851-3816-1Z	5	3/8-16 x 1" Machine Bolt (Front Incline Belt Conveyor)	Both Models





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