

## Installation of the Dog Leg Conveyor on Towed TMR Mixers



Shut down the tractor and remove the key before repairing, servicing, lubricating or cleaning the machine.

Relieve all hydraulic pressure in the hoses. Disconnect the hydraulic hoses from the tractor before going near the machine.

Securely block the machine to avoid any movement while doing the work.



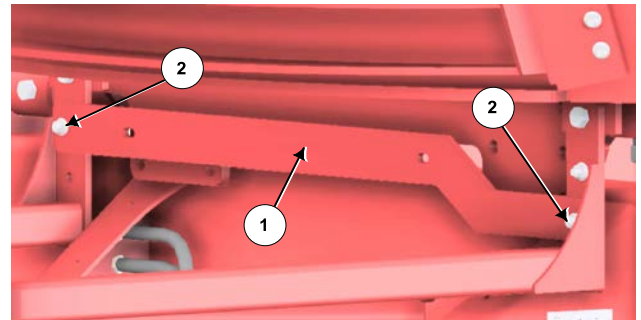
Do not enter the tub while the mixers are turning.

Entering the tub when the mixers are turning will result in death or serious injury.

Do not contact the rotating screws.



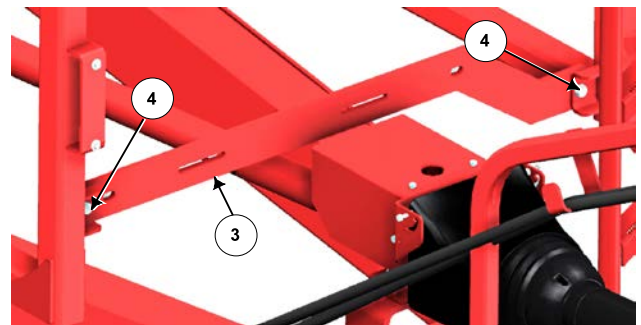
1. If there is a conveyor installed on the machine, remove the conveyor.
2. Install the rear conveyor support bracket (1) onto the platform uprights and below the tub door.
  - Fasten the bracket with 2 of ½" x 1-1/2" hex bolts and flange locknuts (2).



Install the Rear Conveyor Support Bracket

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3. Install the front conveyor support bracket (3) onto the platform uprights.
  - Fasten the bracket with 2 of ½" x 1-1/2" hex bolts and flange locknuts (4).



Install the Front Conveyor Support Bracket

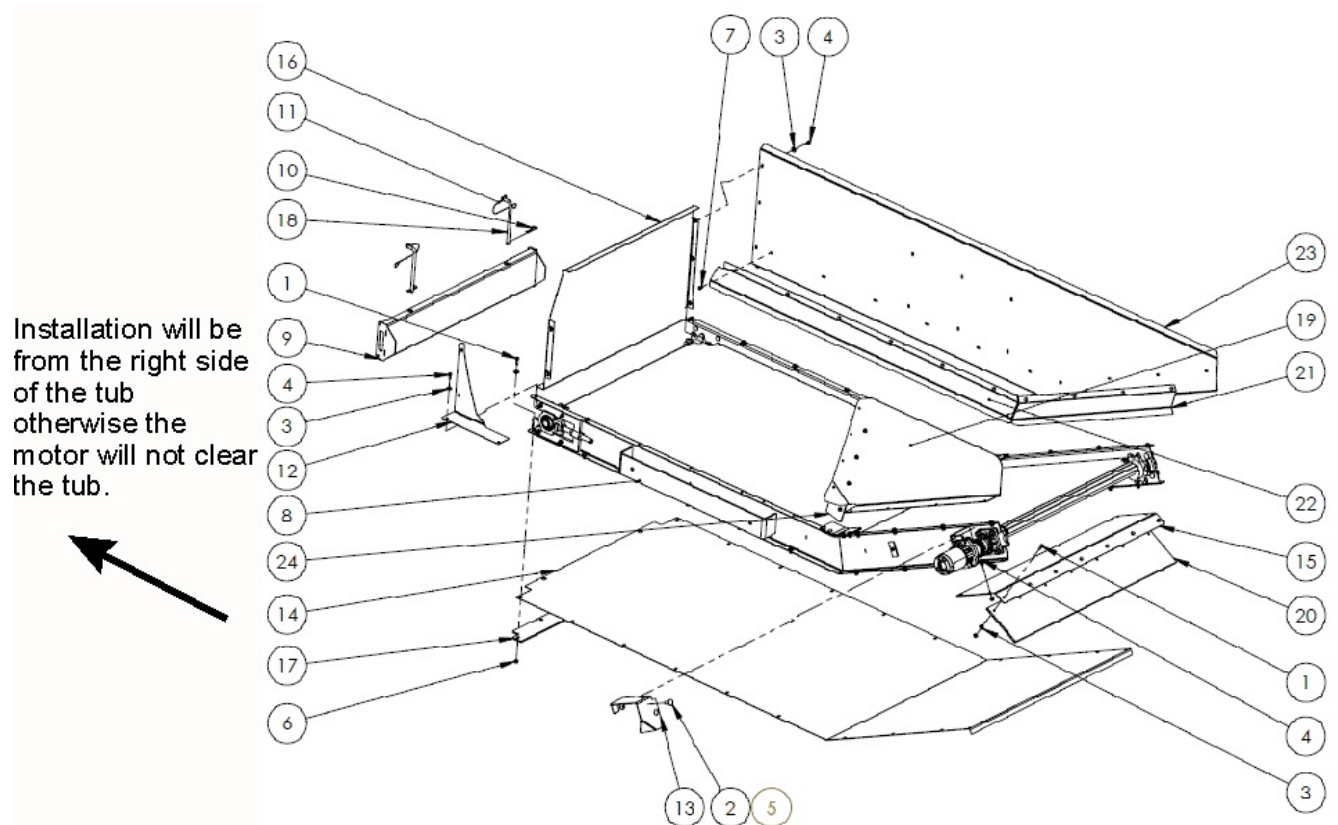
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## Installation of the Dog Leg Conveyor on Towed TMR Mixers

4. Assemble the components to the dog leg conveyor assembly according to the diagram and chart below.

Note: The following will be installed later:

- rear shield (19) and the rubber spill guard,
- end shield (16)
- side shield (12),
- cleanout door (9) and retaining pins (18) .



Assemble the Dog Leg Conveyor Shields

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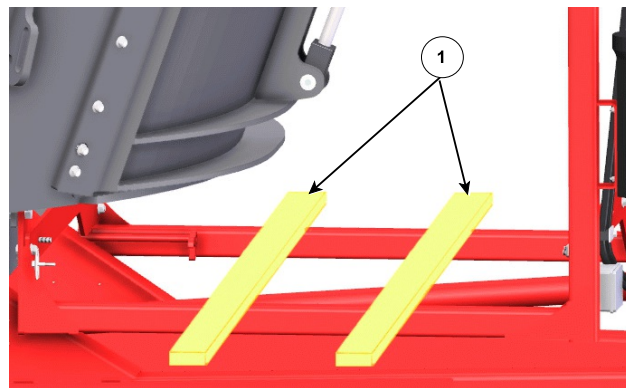
## ***Installation of the Dog Leg Conveyor on Towed TMR Mixers***

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<b>ITEM</b>	<b>DESCRIPTION</b>
1	BOLT,HEX,5/16X1,UNC,GR5,ZP
2	BOLT,CARR,1/2X1-1/4,UNC,GR5,ZP
3	WASHER,FLAT,5/16,ZP
4	BOLT,HEX,5/16X3/4,UNC,GR5,ZP
5	NUT,FLG,LOCK,1/2,UNC,GR5,ZP
6	NUT,FLG,LOCK,5/16,UNC,GR5,ZP
7	BOLT,HEX,5/16X5/8,UNC,GR5,ZP
8	ASSY,CONV,DL,RH
9	WDLT, CLEANOUT DOOR,CONVEYOR
10	PIN,HAIR,1/8x2-9/16
11	ROPE,WIRE,1/16,COATED,14"
12	PC, SHIELD
13	PC, SHIELD,CONVEYOR DRIVE
14	PC, BOTTOM PANEL
15	PC, DEFLECTOR
16	PC, SHIELD
17	PC, SUPPORT
18	PIN,SHIELD RETAINER,PLTD
19	PC, SHIELD
20	BELTING,DROP CHUTE
21	PC, SHIELD
22	PC, SHIELD
23	PC, SHIELD
24	BELTING, SPILL GUARD

## Installation of the Dog Leg Conveyor on Towed TMR Mixers

5. To aid in the installation of the conveyor, place skids (1) between the lower support frame of the platform. Use either:
  - 3/4" x 36" wide x 72" long piece of plywood
  - 2 of 1" x 4" x 72" long lumber.



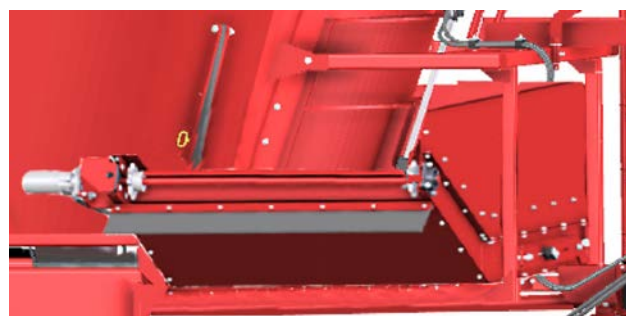
Skids To Help with Installation of Conveyor  
(1" x 4" x 72" Skids Shown)

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6. Place the conveyor between the platform uprights and under the tub floor.

Note: The conveyor is heavy. Use appropriate lifting devices

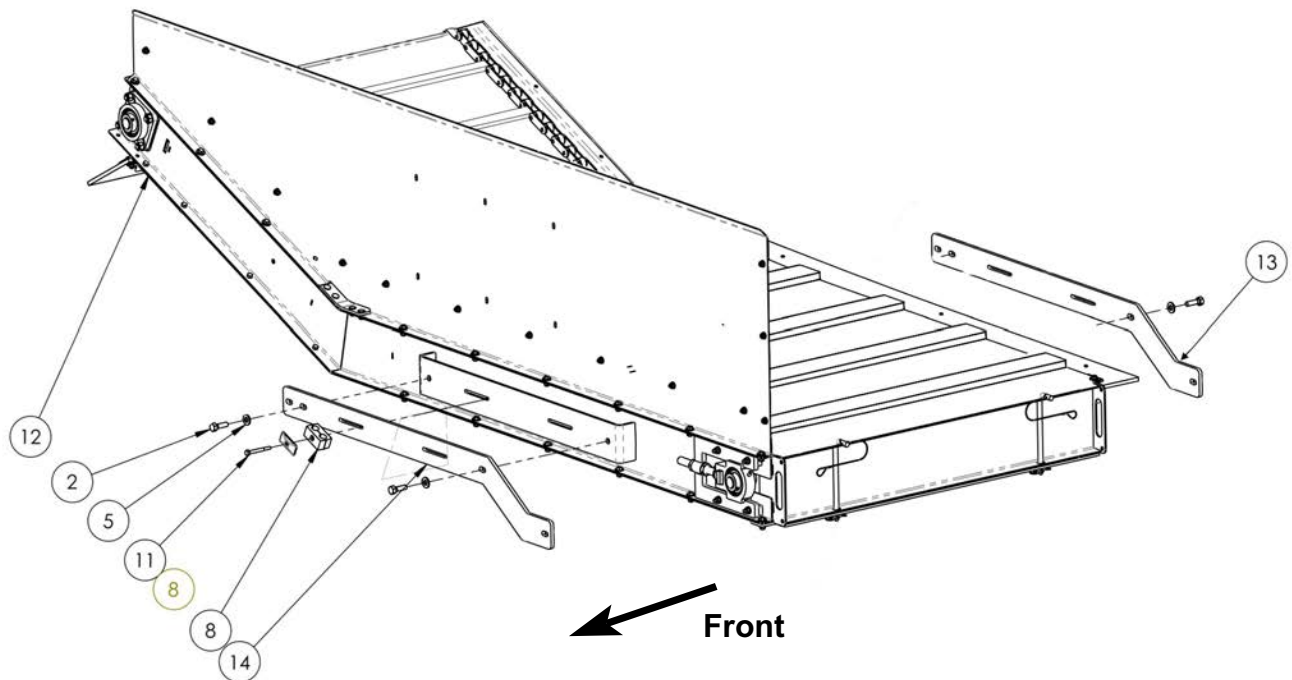
- Install from the right side of the machine otherwise the conveyor motor will not clear the tub.



Put the Conveyor in Place

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7. Fasten the conveyor (12) to the support brackets (13 & 14) with 4 of 1/2" 1-1/2" hex bolt (2), 1/2" flat washer (5) and flange locknut.
- See the diagram below.
8. Attach the hose holder 19/19 (8) with a 5/16" x 2-3/4" hex bolt (11) to the front of the conveyor.

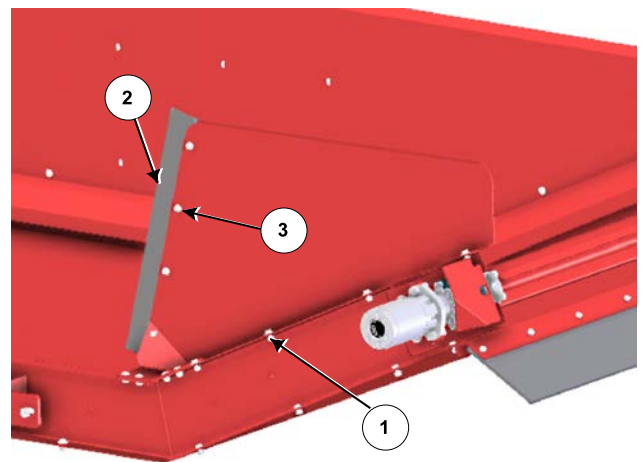


Fasten the Dog Leg Conveyor

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9. Attach the right rear shield and spill guard to the conveyor.

- Fasten the shield with 4 of 5/16" x 1-3/4" hex bolts (1), flat washers and flange locknuts.
- Attach the rubber spill guard (2) to the shield with 4 of 5/6" x 3/4" hex bolts (3), flat washers against the rubber and flange locknuts.



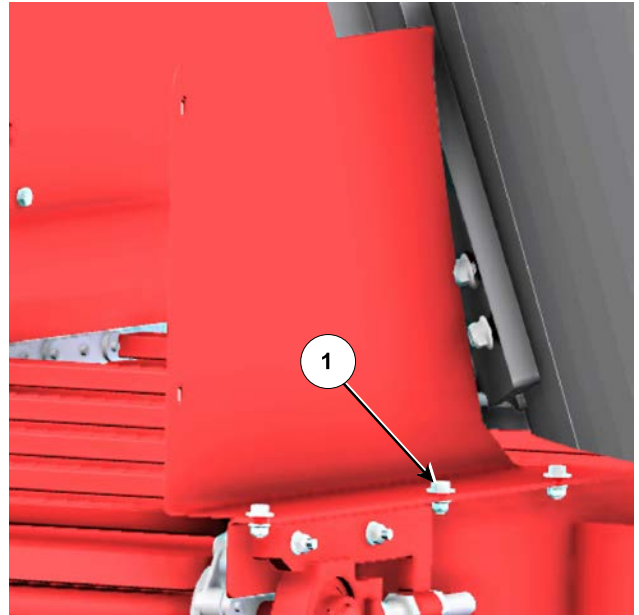
Attach Rear Shield and Spill Guard

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## ***Installation of the Dog Leg Conveyor on Towed TMR Mixers***

10. Attach the left rear conveyor side shield to the conveyor.

- Fasten the shield with 3 of 5/16" x 3/4" hex bolts (1), flat washers and flange locknuts.

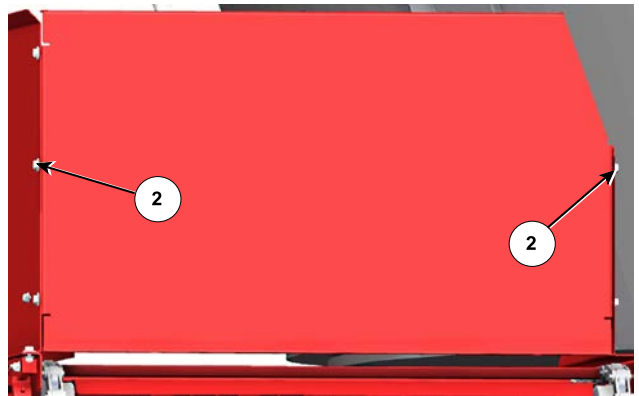


Attach the Left Rear Conveyor Side Sheet

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11. Attach the conveyor end shield to the left front and rear shields.

- Fasten the shield with 5 of 5/16" x 3/4" hex bolts (2), flat washers and flange locknuts.

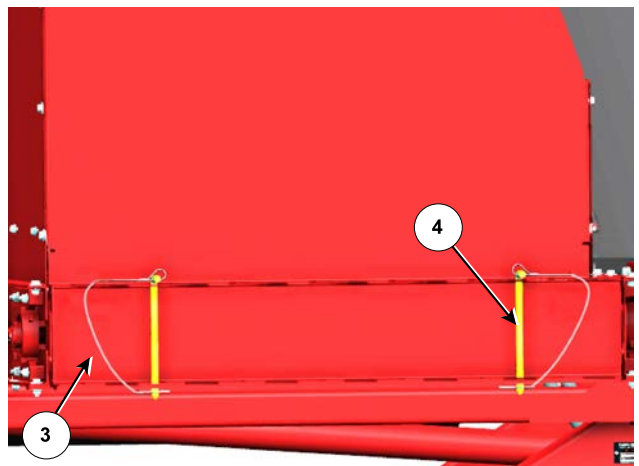


Attach the Conveyor End Shield

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12. Install the conveyor clean out door (3).

- Fasten in place with the shield pin retainers (4).

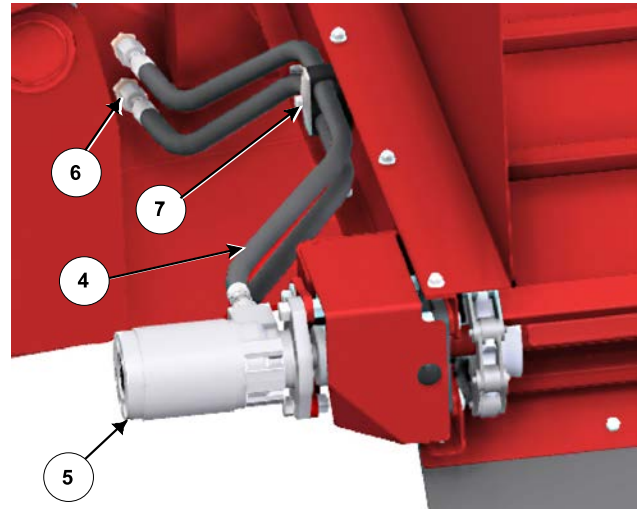


Install the Conveyor Clean Out Door

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## ***Installation of the Dog Leg Conveyor on Towed TMR Mixers***

13. Connect 2 of ½" x 52" hydraulic hoses (4) to the conveyor motor (5).
  - Connect the other end of the hydraulic hoses to the bulkhead fittings (6) on the mixer frame.
  - The bulkhead fittings connect to hoses that go to the tractor.
  - Fasten the hoses to the side of the conveyor with the hose clamp 19/19 (7) and a 5/16" x 1-3/4" hex bolt.



Connect the Hydraulic Hoses

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