





SX TRAILERS


AIR

<p>Parts No: 3100097</p> <p>Description: Air Tank (Medium)</p> <p>Trailer Location: Over rear suspension</p> <p>Notes:</p> <p style="margin-left: 40px;">Length: 27" 12.34 Gallons</p> <p style="margin-left: 40px;">Diameter: 12" 2,850 cubic inches</p>	
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<p>Parts No: 3100096</p> <p>Description: Air Tank (Small)</p> <p>Trailer Location: Over rear suspension</p> <p>Notes:</p> <p style="margin-left: 40px;">Length: 24.75" 6.5 Gallons</p> <p style="margin-left: 40px;">Diameter: 9.5" 1,488 cubic inches</p>	
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<p>Part No: 3101231 updated from 3100231</p> <p>Description: 5 Port 4 Way Gate Valve</p> <p>Trailer Location: Rear drivers side</p> <p>Notes:</p> <p style="margin-left: 40px;">This valve operates the gates and is equipped with a manual over ride.</p> <p style="margin-left: 40px;">This valve is normally closed.</p> <p style="margin-left: 40px;">**Solenoid Rebuild Kit - 3100394</p>	
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<p>Parts No: 3101361 updated from 3100361</p> <p>Description: 5 Port 4 Way Control Valve</p> <p>Trailer Location: Rear drivers side</p> <p>Notes:</p> <p style="margin-left: 40px;">This valve dumps the air suspension is equipped with a manual over ride. This valve is normally open.</p> <p style="margin-left: 40px;">**Seal/Spool rebuild kit - 3100448</p> <p style="margin-left: 40px;">**Solenoid - 3100406</p>	
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<p>Parts No: 3100147</p> <p>Description: Air Control Kit</p> <p>Trailer Location: Rear suspension</p> <p>Notes:</p> <p style="margin-left: 40px;">This air control kit is the manual dump valve on the trailer.</p>	
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AIR - CONTINUED


<p>Parts No: 3100002 updated from 3100118</p> <p>Description: Quick Release Valve</p> <p>Trailer Location: On the Inside of the chassis, near the center of the trailer.</p> <p>Notes: This valve provides a direct air exhaust to speed up the air suspension dump function.</p>	
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<p>Parts No: 3100117</p> <p>Description: Spring Brake Control Valve (RT-4)</p> <p>Trailer Location: This valve is attached to the brake system reservoir tank over the rear suspension.</p> <p>Notes:</p>	
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<p>Parts No: 3100373</p> <p>Description: 3" Composite Cylinder</p> <p>Trailer Location: Inside gate post</p> <p>Notes: Starting in February 2008 Midland end dump trailers are using individual composite cylinder mounted in each gate post instead of the old style trip with the centrally mounted air pot. This is the 3" composite cylinder used in the new trip. **Seal Kit - 3100414</p>	
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<p>Part No: 3100122</p> <p>Description: Brake Chamber</p> <p>Trailer Location: At the rear of the trailer under the body</p> <p>Notes: This brake chamber is part of the old style gate trip. It controls the opening of the gate.</p>	
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ELECTRICAL

Part No: 3500273 Description: Port Relay Valve Trailer Location: This valve is attached to the brake system reservoir tank over the rear suspension. Notes: This valve controls the ABS functions of the trailer. **ECU PLC - 3500272 **Valve only - 3100194	 A complex mechanical component with a tan-colored base and various electrical connections, including a blue wire and a red terminal.
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Part No: 3500021 Description: Pole Socket Split 6-Ways Trailer Location: Front Bumper of trailer Notes: This plug supplies power to all auxiliary functions on the trailer.	 A black, triangular-shaped metal socket with a central screw and two side mounting holes.
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Parts No: 3500265 Description: Trucklite Pole Socket Split 7 Ways Trailer Location: Front bumper of trailer Notes: This plug supplies power to the trucklite harness on the trailer.	 A grey, trapezoidal metal socket with a central screw and two side mounting holes.
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Part No: 3500221 Description: Pole Plug 7wire inverted grd. Phillips Trailer Location: At the front of the trailer Notes: This plug supplies power to the trucklite harness on the trailer. **Male Plug**	 A black and yellow cylindrical plug with a threaded top section and a yellow base.
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Part No: 3500222 Description: Pole Socket 7wire/inverted grd Phillips Trailer Location: At the front of the trailer Notes: This plug supplies power to the trucklite harness on the trailer. **Female Plug**	 A black and yellow socket with a central screw and two side mounting holes, featuring the 'PHILIPS' logo.
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ELECTRICAL - CONTINUED


<p>Part No: 3500022</p> <p>Description: Plug 7-Pole w/ Guard</p> <p>Trailer Location: At the front of the trailer</p> <p>Notes: This plug supplies power to all auxiliary functions on the trailer.</p>	
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BODY

<p>Parts No: 3900180</p> <p>Description: Tailgate Tightener Assembly</p> <p>Trailer Location: At the rear of the trailer</p> <p>Notes: This tailgate tightener assembly is used to seal the gate closed.</p>	 A photograph of a tailgate tightener assembly. It consists of a main metal bracket with two curved ends, a long threaded rod with a handle, a smaller metal piece, and several washers and nuts.
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<p>Part No: 3900258</p> <p>Description: Rubber seal (P Seal)</p> <p>Trailer Location: At the rear of the trailer</p> <p>Notes: This rubber seal is used to insure a water tight tailgate seal. **Order 16 Feet</p>	 A photograph of a long, black, coiled rubber seal. The seal has a textured surface and a small metal fastener at one end.
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<p>Part No: 6014855</p> <p>Description: Gate Hinge Pin</p> <p>Trailer Location: Top hinge of the gate</p> <p>Notes: **Composite Bushing - 3900240 x1 per pin</p>	 A photograph of a metal gate hinge pin. It is a long, cylindrical pin with a wider, flat head on one end.
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<p>Part No: 6016347</p> <p>Description: Top Cylinder Pin (18.5")</p> <p>Trailer Location: On the cylinder; at the front of the trailer</p> <p>Notes: This cylinder pin is used to secure the top of the cylinder.</p>	 A photograph of a long, cylindrical metal pin. One end has a circular head with a hole through it. The number '23' is stamped on the head.
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<p>Part No: 6021034</p> <p>Description: Hyva Cylinder Pin (18.83)</p> <p>Trailer Location: On the cylinder; at the front of the trailer</p> <p>Notes: This cylinder pin is used to secure the top of the cylinder. It is only used on Hyva cylinders.</p>	 A photograph of a long, cylindrical metal pin. One end has a circular head with a hole through it. The number '23' is stamped on the head.
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BODY - CONTINUED

<p>Part No: 6021270</p> <p>Description: Trip Assembly Air Cylinder LH</p> <p>Trailer Location: Inside gate post</p> <p>Notes: Starting in February 2008 Midland end dump trailers are using individual composite cylinder mounted in each gate post instead of the old style trip with the centrally mounted air pot. This is the full trip assembly including the composite cylinder (3100373) for the LH side.</p>	
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<p>Part No: 6021271</p> <p>Description: Trip Assembly Air Cylinder RH</p> <p>Trailer Location: Inside gate post</p> <p>Notes: Starting in February 2008 Midland end dump trailers are using individual composite cylinder mounted in each gate post instead of the old style trip with the centrally mounted air pot. This is the full trip assembly including the composite cylinder (3100373) for the RH side.</p>	
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<p>Part No: 6021268</p> <p>Description: Left Trip Weldment</p> <p>Trailer Location: Inside gate post</p> <p>Notes: Starting in January 2008 Midland end dump trailers are using individual composite cylinder mounted in each gate post instead of the old style trip with the centrally mounted air pot. This is the trip weldment that the composite cylinder (3100373) mounts to.</p>	
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<p>Part No: 6021269</p> <p>Description: Right Trip Weldment</p> <p>Trailer Location: Inside gate post</p> <p>Notes: Starting in January 2008 Midland end dump trailers are using individual composite cylinder mounted in each gate post instead of the old style trip with the centrally mounted air pot. This is the trip weldment that the composite cylinder (3100373) mounts to.</p>	
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<p>Part No: 4027552</p> <p>Description: Latch Finger</p> <p>Trailer Location: Inside gate post</p> <p>Notes: Starting in January 2008 Midland end dump trailers are using individual composite cylinder mounted in each gate post instead of the old style trip with the centrally mounted air pot.</p>	
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BODY - CONTINUED

<p>Part No: 6021277</p> <p>Description: Trip Pin</p> <p>Trailer Location: Inside gate post</p> <p>Notes: Starting in January 2008 Midland end dump trailers are using individual composite cylinder mounted in each gate post instead of the old style trip with the centrally mounted air pot. This is the trip pin used to secure the composite cylinder (3100373) to the trip weldment.</p>	
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<p>Part No: 6017941</p> <p>Description: Left Trip Latch</p> <p>Trailer Location: At the rear of the trailer under the body</p> <p>Notes: This trip latch is part of the old style gate trip.</p>	
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<p>Part No: 6017942</p> <p>Description: Right Trip Latch</p> <p>Trailer Location: At the rear of the trailer under the body</p> <p>Notes: This trip latch is part of the old style gate trip.</p>	
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<p>Part No: 3900117</p> <p>Description: Springs For Trip</p> <p>Trailer Location: At the rear of the trailer under the body</p> <p>Notes: This spring is part of the old style gate trip.</p>	
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<p>Part No: 5012602</p> <p>Description: Adjusting Rod (10")</p> <p>Trailer Location: At the rear of the trailer under the body</p> <p>Notes: This adjusting rod is part of the old style gate trip.</p>	
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BODY - CONTINUED


<p>Part No: 6010583</p> <p>Description: Adjusting Lug</p> <p>Trailer Location: At the rear of the trailer under the body</p> <p>Notes: This adjusting lug is part of the old style gate trip.</p>	 A metal adjusting lug consisting of a cylindrical rod end on the left and a flat rectangular plate on the right with a circular hole.
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<p>Part No: 3900004</p> <p>Description: Clevis Assembly (1/2")</p> <p>Trailer Location: At the rear of the trailer under the body</p> <p>Notes: This clevis is part of the old style gate trip.</p>	 A metal clevis assembly with a U-shaped body and two vertical pins or rods extending from the top and bottom.
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<p>Part No: 3900028</p> <p>Description: Machined Rod End (1/2")</p> <p>Trailer Location: At the rear of the trailer under the body</p> <p>Notes: This rod end is part of the old style gate trip. It is used to hold the spring in place.</p>	 A long, thin metal rod with a circular eyelet or hole at one end.
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CHASSIS

<p>Part No: 4012971</p> <p>Description: Mud Flap Bracket</p> <p>Trailer Location: Front of landing legs</p> <p>Notes: This bracket welds to the Mud flap mounting plate (4019333). This mud flap bracket is designed to hold the mud flaps into place.</p>	
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<p>Part No: 4013318</p> <p>Description: Mud Flap Bracket Plate</p> <p>Trailer Location: Front of landing legs</p> <p>Notes: The mud flap mounting plate attaches to the mud flap bracket (4020302) and is welded to the chassis of the trailer.</p>	
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<p>Part No: 6012805</p> <p>Description: Inner Drop Landing Leg</p> <p>Trailer Location: Left and right front of trailer</p> <p>Notes: The landing gear is designed to adjust to any surface allowing you to move the pin up and down within the punched holes to reach your designated height.</p>	
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<p>Part No: 6017626</p> <p>Description: Outer Landing Gear</p> <p>Trailer Location: Left and right front of trailer</p> <p>Notes: This portion of the landing gear is bolted onto the trailer body and the other end is used to adjust the height of the drop leg (6016206).</p>	
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<p>Part No: 3900351</p> <p>Description: 2 Speed Short Leg Landing Gear with Gearbox</p> <p>Trailer Location: Left side, front of trailer</p> <p>Notes: This landing gear is designed to adjust to any surface allowing you to reach your designated height. This is done by cranking the handle (3900014). **1/2 of Assembly part# 3900009</p>	
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CHASSIS - CONTINUED

<p>Part No: 3900352</p> <p>Description: 2 Speed Short Leg Landing Gear</p> <p>Trailer Location: Right side, front of trailer</p> <p>Notes: The landing gear is designed to adjust to any surface allowing you to reach your designated height. This is done by cranking the handle (3900014) on the gearbox landing leg (3900349).</p>	
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<p>Part No: 3900014</p> <p>Description: 2 Speed Crank Handle</p> <p>Trailer Location: On 2 speed landing gear legs</p> <p>Notes: This crank handle is used on the 2 speed landing gear and attaches to the gear box landing leg (3900349).</p>	
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<p>Part No: 3900439</p> <p>Description: Landing Gear Jost 10 Year Magnum (outside - A450.G.17)</p> <p>Trailer Location: Front of trailer</p> <p>Notes: The landing gear is designed to adjust to any surface allowing you to reach your designated height. This is done by cranking the handle on the gearbox landing leg.</p>	
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<p>Part No: 4011752</p> <p>Description: Brace Landing Gear (36")</p> <p>Trailer Location: On landing gear legs</p> <p>Notes: This landing gear brace is bolted to the bottom of the landing gear legs to the bottom of the trailer for support. This landing gear brace is used on both 2 speed and drop type landing gears.</p>	
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<p>Part No: 4017162</p> <p>Description: Brace Landing Gear (27.75")</p> <p>Trailer Location: On landing gear legs</p> <p>Notes: This landing gear brace is bolted to both the landing gear legs in diagonal formation supporting the two legs. This brace is used only on 2 speed landing gears.</p>	
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CHASSIS - CONTINUED

<p>Part No: 4010670</p> <p>Description: Brace Landing Gear (23.75")</p> <p>Trailer Location: On landing gear legs</p> <p>Notes: This landing gear brace is bolted to both the landing gear legs in horizontal formation supporting the two legs. This brace is used only on 2 speed landing gears.</p>	
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<p>Part No: 4010699</p> <p>Description: Landing Gear Brace (38.88")</p> <p>Trailer Location: On landing gear legs</p> <p>Notes: This landing gear brace is bolted to the bottom of the landing gear legs in a diagonal formation for extra support. This landing gear brace is only on drop type landing gears.</p>	
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<p>Part No: 4010668</p> <p>Description: Cross Brace Lug</p> <p>Trailer Location: On landing gear legs</p> <p>Notes: This lug is welded to the bottom of the landing gear legs for the cross braces to be bolted onto.</p>	
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<p>Part No: 5010355</p> <p>Description: Landing Gear Pin</p> <p>Trailer Location: Front of trailer, In landing gear legs</p> <p>Notes: This pin is used to secure the inner landing leg at desired height by being placed in inner (6016206) and outer (6017626) landing gear holes and secured with the pin hitch (2100082).</p>	
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<p>Part No: 2100082</p> <p>Description: Pin Hitch</p> <p>Trailer Location: In the landing legs</p> <p>Notes: This pin is a retainer clip for the landing leg pin (5010355) which holds the landing gear legs to your desired height.</p>	
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CHASSIS - CONTINUED

<p>Part No: 4027167</p> <p>Description: Dump Valve Mounting Bracket</p> <p>Trailer Location: Rear drivers side inside the frame of trailer</p> <p>Notes: This bracket is attached to inside rear frame, mounts the 5 port dump valve (3100363).</p>	
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<p>Part No: 6015295</p> <p>Description: Hinge Assembly</p> <p>Trailer Location: At the rear of the trailer</p> <p>Notes: **Pin - 6015296 **Duralon Bushings - 3912877 x3</p>	
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<p>Part No: 6015296</p> <p>Description: Hinge Pin (9.13")</p> <p>Trailer Location: At the rear of the trailer</p> <p>Notes: This pin is used in the hinge assembly (6015295) as well as on the strut to secure the big strut to the body of the trailer. **Composite Bushings - 3912877 (3 per side) **Snap Ring - 3900139</p>	
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<p>Part No: 6016356</p> <p>Description: Strut Pin (13")</p> <p>Trailer Location: At the front of the trailer</p> <p>Notes: This pin secures the large strut to the small strut.</p>	
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<p>Part No: 6016354</p> <p>Description: Strut Pin (7.5")</p> <p>Trailer Location: At the front of the trailer</p> <p>Notes: This pin secures the bottom of the small strut to the frame of the trailer.</p>	
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CHASSIS - CONTINUED

<p>Part No: 6019555</p> <p>Description: Hinge Bushing</p> <p>Trailer Location: At the rear of the trailer</p> <p>Notes: This bushing contains 3 composite bearings (3912877). It is used to mount the hinge assembly (6015295).</p>	
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<p>Part No: 3912877</p> <p>Description: Composite Bearing 2.01 x 1.51</p> <p>Trailer Location: Inside the bushings of the hinge assembly</p> <p>Notes: This is a greaseless bearing that is installed in the hinge assembly bushings (6019555), as well as at all pivot points on quarter frame trailers.</p>	
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<p>Part No: 3900240</p> <p>Description: Composite Bearing (1.25" x 1.435")</p> <p>Trailer Location: Inside the gate hinge assembly at the rear of the trailer</p> <p>Notes: This is a greaseless bearing that fits inside the gate hinge assembly welded to the body.</p>	
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<p>Part No: 6016351</p> <p>Description: Bottom Cylinder Pin (33.13")</p> <p>Trailer Location: On the cylinder; at the front of the trailer</p> <p>Notes: This cylinder pin is used to secure the bottom of the cylinder. This pin goes with the 2003-2020 5TH Wheel Quarter Frame Assy. eg. 6011648 / 6016165 / 6016724 / 6024909 **Snap Ring - 3900139</p>	
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<p>Part No: 6011297</p> <p>Description: Guide Plate</p> <p>Trailer Location: At the front of the trailer</p> <p>Notes: This guide plate bolts to the suspension of the trailer and guides the body to the correct location.</p>	
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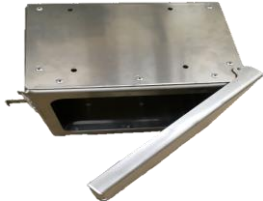
CHASSIS - CONTINUED

<p>Part No: 5012025</p> <p>Description: Mud Flap Strip Backing</p> <p>Trailer Location: On all trailer mounted mud flaps</p> <p>Notes: This bracket is to secure all mud flaps to the trailer.</p>	
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<p>Part No: 3900022</p> <p>Description: Midland Mud Flap (24" x 30")</p> <p>Trailer Location: At the rear of the trailer</p> <p>Notes:</p>	
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<p>Part No: 3900020</p> <p>Description: Black Mud Flap (24" x 30")</p> <p>Trailer Location: At the Front or middle of the trailer</p> <p>Notes:</p>	
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<p>Part No: 3900023</p> <p>Description: Midland Mud Flap (24" x 14")</p> <p>Trailer Location: At the front of the trailer</p> <p>Notes:</p>	
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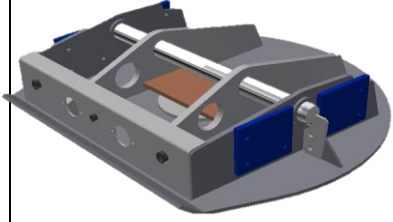
<p>Part No: 6025175 updated from 3900335</p> <p>Description: Control Box, Smooth Alum(12w x 9d x 9.5h)</p> <p>Trailer Location: At the front of the trailer</p> <p>Notes: This control box holds the dump valve (3101361) and the gate over ride valve (3101231).</p>	
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CHASSIS - CONTINUED

<p>Part No: 4032638</p> <p>Description: Panel Door Control Box</p> <p>Trailer Location: At the front of the trailer</p> <p>Notes: This is the door for control box 6025175.</p>	
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5TH WHEEL

<p>Part No: 6024141 - updated from 6011648</p> <p>Description: 5th Wheel Weldment (9" Base Cylinder)</p> <p>Trailer Location: At the front of the trailer</p> <p>Notes: Full 5th Wheel Assembly is 6024909 - use if keeping original pin. **Pin - 6016351 **Snap Ring - 3900139 **If replacing pin & 5th Wheel Assembly, use newest update - 6031903</p>	
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<p>Part No: 6031903</p> <p>Description: 5th Wheel Quarter Frame Assy. (9" Base Cylinder)</p> <p>Trailer Location: At the front of the trailer</p> <p>Notes: **NEWEST UPDATE** Pin included in this assembly</p>	
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