





MX TRAILERS


ELECTRICAL

<p>Part No: 3500463</p> <p>Description: In Cab Control MX/SO4O Valve w/30' Cable.</p> <p>Trailer Location: This control box is typically located in the cab of the truck and the cable runs back to the auxiliary plug at the front of the trailer.</p> <p>Notes: To operate the control add 12 volt power and plug the cable into the auxiliary plug at the front of the trailer.</p>	
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<p>Part No: 3500198</p> <p>Description: Switch Rocker For In Cab Controls</p> <p>Trailer Location: In the aluminum box of the "In Cab" control.</p> <p>Notes: This switch operates the air suspension dump function.</p>	
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<p>Part No: 3500383</p> <p>Description: Toggle Switch</p> <p>Trailer Location: In the aluminum box of the "In Cab" control.</p> <p>Notes: This switch operates the dump and close function of the trailer.</p>	
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<p>Part No: 3500273</p> <p>Description: Port Relay Valve</p> <p>Trailer Location: This valve is attached to the brake system reservoir tank over the rear suspension.</p> <p>Notes: This valve controls the ABS functions the trailer. **ECU PLC - 3500272 **Valve Only - 3100194</p>	
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<p>Part No: 3500021</p> <p>Description: Pole Socket Split 6-Ways</p> <p>Trailer Location: Front bumper of trailer</p> <p>Notes: This plug supplies power to the auxiliary functions of the trailer.</p>	
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ELECTRICAL - CONTINUED


<p>Part No: 3500265</p> <p>Description: Trucklite Pole Socket Split 7 Ways</p> <p>Trailer Location: Front bumper of trailer</p> <p>Notes: This plug supplies power to the trucklite harness on the trailer.</p>	
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<p>Part No: 3500221</p> <p>Description: Pole Plug 7wire inverted grd. Phillips</p> <p>Trailer Location: At the front of the trailer</p> <p>Notes: This plug supplies power to the Phillips harness on the trailer. **Male Plug**</p>	
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<p>Part No: 3500222</p> <p>Description: Pole Socket 7wire/inverted grd Phillips</p> <p>Trailer Location: At the front of the trailer</p> <p>Notes: This plug supplies power to the Phillips harness on the trailer. **Female Plug**</p>	
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<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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AIR

Part No: 3100098		
Description: Air Tank (Large)		
Trailer Location: At the rear of the clam shell trailer		
Notes: This tank is the reservoir for the clam shell gate cylinders.		
Length: 48.76" 56 Gallons Diameter: 20" 12,936 cubic inches		


Part No: 3100097		
Description: Air Tank (Medium)		
Trailer Location: Over rear suspension		
Notes:		
Length: 27" 12.34 Gallons Diameter: 12" 2,850 cubic inches		


Part No: 3100096		
Description: Air Tank (Small)		
Trailer Location: Over rear suspension		
Notes:		
Length: 24.75" 6.5 Gallons Diameter: 9.5" 1,488 cubic inches		


Part No: 3100117		
Description: Spring Brake Control Valve (RT-4)		
Trailer Location: This valve is attached to the brake system reservoir tank over the rear suspension.		
Notes:		


Part No: 3100009		
Description: Wilkerson Lubricator		
Trailer Location: At the rear driver side, bolted to the side of the body		
Notes: The lubricator supplies oil to the air cylinders and flow of oil into the air stream is adjustable.		


AIR - CONTINUED

<p>Part No: 3100104</p> <p>Description: Filter Wilkerson</p> <p>Trailer Location: At the rear driver side, bolted to the side of the body</p> <p>Notes: This filter traps the moisture in the air lines.</p>	
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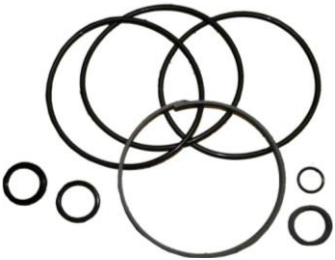
<p>Part No: 3100095</p> <p>Description: Pressure Gauge</p> <p>Trailer Location: At the rear driver side, bolted to the side of the body</p> <p>Notes: This gauge shows the pressure at the air cylinders.</p>	
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<p>Part No: 3100022</p> <p>Description: S04 Valve</p> <p>Trailer Location: Rear Driver side of clam shell</p> <p>Notes: This electric over air valve with a mechanical override operates the gates on the Cross Dump trailer. 2 per MX trailer, 1 per clam trailer **Rebuild kit - 3100021</p>	
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<p>Part No: 3100021</p> <p>Description: O-Ring Kit For SO4 Valve</p> <p>Trailer Location: Rear Driver side of clam shell</p> <p>Notes: This seal kit is used in the SO4 Valve and contains all the seals to rebuild the SO4 valve.</p>	
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<p>Part No: 3100357</p> <p>Description: 6" Composite Air Cylinder</p> <p>Trailer Location: Middle of trailer in between the hoppers</p> <p>Notes: Starting in May 2006 Midland cross dump trailers are using tie rod style cylinder. This style of cylinder is easier to rebuild or repair than the welded style. **MX3500 trailers will use the 7" x 15" cylinder 3100367</p>	
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AIR - CONTINUED

<p>Part No: 3100378</p> <p>Description: Seal Kit 6" x 21" Air Cyl (Composite) MX</p> <p>Trailer Location: Middle of trailer in between the hoppers</p> <p>Notes: Starting in May 2006 Midland cross dump trailers are equipped with composite tie rod cylinders (3100357) using this seal kit. This Seal kit contains all the seals to rebuild a composite tie rod cylinder.</p>	
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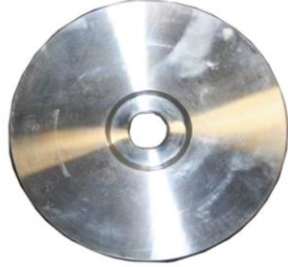
<p>Part No: 3100367</p> <p>Description: Cylinder Air 7" x 15" Composite (MX)</p> <p>Trailer Location: Middle of trailer in between the hoppers</p> <p>Notes: Used on MX3500 trailers Used as replacements for the old welded style cylinders - 3100125</p>	
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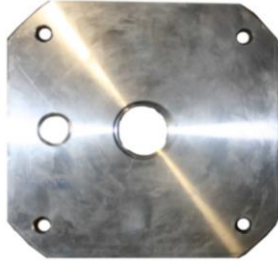
<p>Part No: 3100400</p> <p>Description: Seal Kit 7" Composite Cylinder</p> <p>Trailer Location: Middle of trailer in between the hoppers</p> <p>Notes: Starting in May 2006 Midland MX3500 trailers are equipped with composite tie rod cylinders (3100367) using this seal kit. This Seal kit contains all the seals to rebuild a composite tie rod cylinder.</p>	
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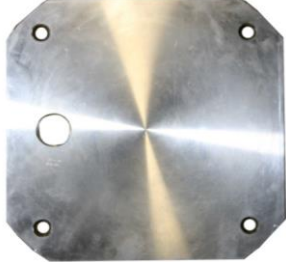
<p>Part No: 3100133</p> <p>Description: Seal Kit P7-125 (MX) Steel</p> <p>Trailer Location: Middle of trailer in between the hoppers</p> <p>Notes: This Seal kit contains all the seals to rebuild a 7" welded cylinder - 3100125. These welded cylinders were used on all Midland MX trailers before May 2006.</p>	
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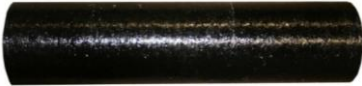
<p>Part No: 3100379</p> <p>Description: 6" Composite Cylinder Ram</p> <p>Trailer Location: Middle of trailer in between the hoppers</p> <p>Notes: Starting in May 2006 Midland cross dump trailers are equipped with composite tie rod cylinders using this cylinder ram. This ram is nitride (rust/pit resistant).</p>	
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AIR - CONTINUED

<p>Part No: 3100382</p> <p>Description: 6" Composite Cylinder Piston</p> <p>Trailer Location: Middle of trailer in between the hoppers</p> <p>Notes: Starting in May 2006 Midland cross dump trailers are equipped with composite tie rod cylinders (3100357) using this cylinder piston. This aluminum piston fastens to the nitride or cold rolled cylinder ram (3100379).</p>	
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<p>Part No: 3100388</p> <p>Description: 6" Composite Cylinder Gland Nut</p> <p>Trailer Location: Middle of trailer in between the hoppers</p> <p>Notes: Starting in May 2006 Midland cross dump trailers are equipped with composite tie rod cylinders (3100357) using this cylinder gland nut.</p>	
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<p>Part No: 3100380</p> <p>Description: 6" Composite Cylinder End Cap</p> <p>Trailer Location: Middle of trailer in between the hoppers</p> <p>Notes: Starting in May 2006 Midland cross dump trailers are equipped with composite tie rod cylinders (3100357) using this end cap.</p>	
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<p>Part No: 3100376</p> <p>Description: 6" Composite Cylinder Tube</p> <p>Trailer Location: Middle of trailer in between the hoppers</p> <p>Notes: Starting in May 2006 Midland cross dump trailers are equipped with composite tie rod cylinder. This composite cylinder tube bolts into the tie rod style cylinders (3100357).</p>	
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<p>Part No: 3100002 updated from 3100118</p> <p>Description: Quick Release Valve</p> <p>Trailer Location: On the Inside body, 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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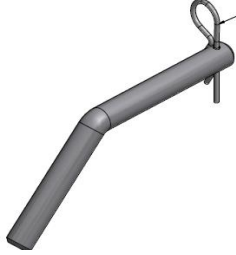
AIR - CONTINUED


<p>Part No: 3101361 updated from 3100361</p> <p>Description: 5 Port 4 Way Control Valve</p> <p>Trailer Location: Rear drivers side</p> <p>Notes: This valve dumps the air suspension is equipped with a manual over ride. This valve is normally open.</p> <p>**Seal/Spool rebuild kit - 3100448</p> <p>**Solenoid - 3100406</p>	
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<p>Part No: 3100145</p> <p>Description: Bendix Check Valve</p> <p>Trailer Location: At the front of the trailer inside the body by the gate air reservoir tank</p> <p>Notes: This check valve is at the supply port on the gate reservoir air tank (3100098). This valve stops air bleed back from the gate air reservoir tank.</p>	
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HOPPER

<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> <p>**Pin - 6010576</p>	 A vertical metal leg with a square base and five circular holes along its length for height adjustment.
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<p>Part No: 6010576</p> <p>Description: Landing Gear Pin</p> <p>Trailer Location: Left and right front of trailer</p> <p>Notes: This pin is used to secure the inner landing leg at desired height by being placed in inner (6012805) and outer (5010647) landing gear holes.</p>	 A metal pin with a curved end and a small loop at the top.
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<p>Part No: 2100082</p> <p>Description: Hitch Pin</p> <p>Trailer Location: In the landing gear 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>	 A metal pin with a curved end and a small loop at the top, similar to the landing gear pin but with a different shape.
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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>	 A curved metal handle with a circular end.
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<p>Part No: 3900349</p> <p>Description: 2 Speed Long 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).</p>	 A vertical metal leg with a square base and a gear box at the top with a crank handle.
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HOPPER - CONTINUED

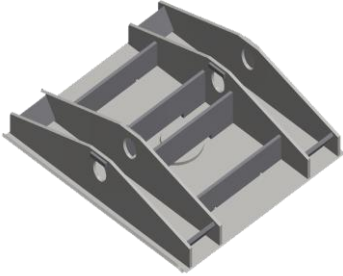
<p>Part No: 3900350</p> <p>Description: 2 Speed Long Leg Landing Gear</p> <p>Trailer Location: Right side, front of trailer</p> <p>Notes: The landing gear is designed to adjust to any surface allowing you to reach your designated height. This is done by cranking the handle (3900014) on the gearbox landing leg (3900349).</p>	
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<p>Part No: 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: 4013316</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 (4013318) and the mud flap mounting bracket (4020302). This mud flap bracket is designed to hold the mud flaps into place.</p>	
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BODY

Part No: 6025133 Description: Bushing (Hendrickson) Update Kit Belly Dump Trailer Location: Upper 5th Wheel Notes: This bushing kit is used in the 5th wheel/cradle assembly.	
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Part No: 6010515 Description: King Pin Weldment Trailer Location: Upper 5th Wheel Notes: This is the standard king pin weldment with a 3/8" king pin - this weldment is used in the oscillating 5th wheel assembly. Replacement bushing kit for this weldment would be 6025133.	
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Part No: 6012220 Description: King Pin Weldment (Requires Reyco Equalizer Bushings) Trailer Location: Upper 5th Wheel Notes: This is the heavy duty version of the king pin weldment - requires Reyco bushings. For bushing replacements, use: 3700050 x2 Bushing Equalizer Reyco 1380501 2100058 x2 Nut 1 1/4" UNC 2100127 x2 Bolt 1 1/4 x 9 unc gr8	
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Part No: 4013318 Description: Mud Flap Mounting Plate Trailer Location: Front of landing legs Notes: The mud flap mounting plate attaches to the mud flap mounting bracket (4020302) and to the mud flap bracket (4013316).	
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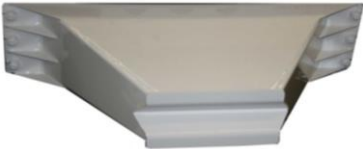
Part No: 4012257 Description: Landing Gear Bracket Trailer Location: Front of hopper Notes: This landing gear bracket bolts to the 2 speed landing gear legs and then is welded to the side of the trailer.	
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BODY - CONTINUED

<p>Part No: 4010670</p> <p>Description: Landing Gear Brace (23.75")</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 only on 2 speed landing gears.</p>	
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<p>Part No: 4020302</p> <p>Description: Mud Flap Mounting Bracket</p> <p>Trailer Location: Front of landing legs</p> <p>Notes: The mud flap mounting bracket attaches to the mud flap mounting plate (4013318) and to the mud flap bracket (4013316).</p>	
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<p>Part No: 5011078</p> <p>Description: Cross Brace Pipe (78")</p> <p>Trailer Location: On landing gear legs</p> <p>Notes: This landing gear cross brace is bolted to the bottom of the landing gear legs in an "X" formation supporting the two legs. This brace is only used on two speed landing gears.</p>	
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<p>Part No: 6017649</p> <p>Description: Push Block Sloped w/ V Plate</p> <p>Trailer Location: Rear end of trailer</p> <p>Notes: This push block bolts to the same bolt configuration as the standard under-run bumper.</p>	
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<p>Part No: 6011225</p> <p>Description: Bolt-on Step Bumper</p> <p>Trailer Location: Rear end of trailer.</p> <p>Notes: This bolt-on step bumper is bolted onto the rear of the chassis. This option is only used for a trailer without a push block.</p>	
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BODY - CONTINUED

<p>Part No: 6012582</p> <p>Description: Under-run Bumper</p> <p>Trailer Location: At the rear of the trailer under the push block</p> <p>Notes: This under-run bumper bolts to the underside of the push block (6017649).</p>	 A black metal under-run bumper consisting of a horizontal bar supported by two vertical posts, which are attached to a base plate with mounting holes.
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<p>Part No: 3900329</p> <p>Description: Black Poly Fender</p> <p>Trailer Location: Left and right side of trailer</p> <p>Notes:</p>	 A curved, black polyethylene fender with a ribbed surface, designed to fit over the side of a trailer.
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<p>Part No: 5014637</p> <p>Description: Black UHMW Poly Half Round Fender</p> <p>Trailer Location: Left and right side of trailer</p> <p>Notes:</p>	 A smooth, black UHMW polyethylene half-round fender, curved to fit the side of a trailer.
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<p>Part No: 5012025</p> <p>Description: Strip Backing Mud flap</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>	 A long, narrow metal strip with a series of small, evenly spaced holes along its length, used for securing mud flaps.
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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>	 A black rectangular mud flap with the "Midland GRAVEL TRAILERS" logo printed in white on its surface.
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BODY - CONTINUED

<p>Part No: 3900020 Description: Black Mud Flap (24" x 30") Trailer Location: At the rear or middle of the trailer Notes:</p>	
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<p>Part No: 3900023 Description: Midland Mud Flap (24" x 14") Trailer Location: At the front of the trailer Notes:</p>	
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