



Model: PC3000	Nov. 3, 2023
Serial #: N/A	
Product Bulletin # PC-052 Rev 2	

Power Catwalk Model 3000: 1000-Day Inspection

This document outlines the recommended actions to be taken every 5 years or 1000 operating days, whichever is earlier. Follow these recommendations to properly maintain the PC3000 and promote continued safe operation by proactively mitigating the potential for equipment failure due to normal long-term component wear.

The first section of this document contains checklists of items that require visual and/or magnetic particle inspection. Use this section to track what has been inspected and to record any comments or issues found.

The second section of this document contains illustrations and pictures that provide details regarding how to correctly perform the inspection items on the checklist. The areas that require magnetic particle inspection (MPI) are highlighted within the drawings to clearly display where on the catwalk the inspection should be performed, and also denotes the ASTM document that the inspector should reference in order to correctly conduct the MPI.

Rig #: _____ **Date:** ___/___/___ **Location:** _____ **Running Hours:** _____

Inspect the following after the 35-point inspection, and look for any sign of wear or damage.



Note: Completing inspection for carrier and lift arm sections while the unit is rigged up and operational will avoid the time-consuming disassembly required when the catwalk is in shipping configuration.



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Catwalk Base	Inspection	<input checked="" type="checkbox"/> <input type="checkbox"/>	Comments
Skid Roll End	MPI		
Ramp Pivot Posts	MPI		
Pipe Rack Arm Mounts/Hitch Blocks	MPI		
Carrier Roller Channels	Visual		
Pipe Indexers Mount Plates	Visual		
Pipe Rack Arms	Visual		
Pivot Cylinder Mounts	MPI		
Notes:			
Completed by:		Signature:	

Ramp	Inspection	<input checked="" type="checkbox"/> <input type="checkbox"/>	Comments
Ramp Pivot Posts	MPI		
Carrier Roller Guide Channels	Visual		
Ramp Sheave Support Plates	Visual		
Ramp Sheaves	Visual		
Winch Mounts	MPI		
Winch Protective Guard	Visual		
Notes:			
Completed by:		Signature:	



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Carrier	Inspection	<input checked="" type="checkbox"/> <input type="checkbox"/>	Comments
Cable Block Welds	MPI		
Carrier Pipe Kickers	MPI		
Carrier Overshoot Dogs	Visual		
Front Carrier Roller Shaft Welds	Visual		
Lift Arm Pivot Bushing Block	Visual		
Notes:			
Completed by:		Signature:	

Lift Arm	Inspection	<input checked="" type="checkbox"/> <input type="checkbox"/>	Comments
Lift Arm Pin Mounts	MPI		
Lift Arm Welds	Visual		
Notes:			
Completed by:		Signature:	



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Hydraulic Power System	Inspection	<input checked="" type="checkbox"/> <input type="checkbox"/>	Comments
Hydraulic Fluid Level (3/4 Full)	Visual		
Hydraulic Winch Oil Level	Visual		
Periodic Hydraulic Oil Analysis	Visual		
Periodic Hydraulic Winch Oil Analysis	Visual		
Hydraulic Pump	Visual		
Valve Bank	Visual		
Hydraulic Cylinders	Visual		
No Oil Leakage in the System	Visual		
Notes:			
Completed by:		Signature:	

Electrical System (Lock & Tag Out Required)	Inspection	<input checked="" type="checkbox"/> <input type="checkbox"/>	Comments
Grounding	Visual		
Wires, Boxes, and Connectors	Visual		
Electrical Motor	Visual		
Lights and Proximity Switches	Visual		
Radio Control Unit	Visual		
PLC Box	Visual		
Electrical Control Box	Visual		
Notes:			
Completed by:		Signature:	



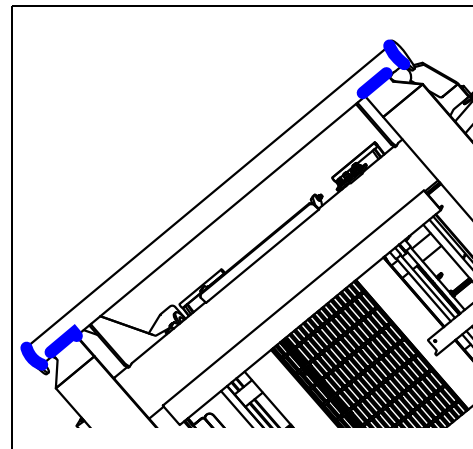
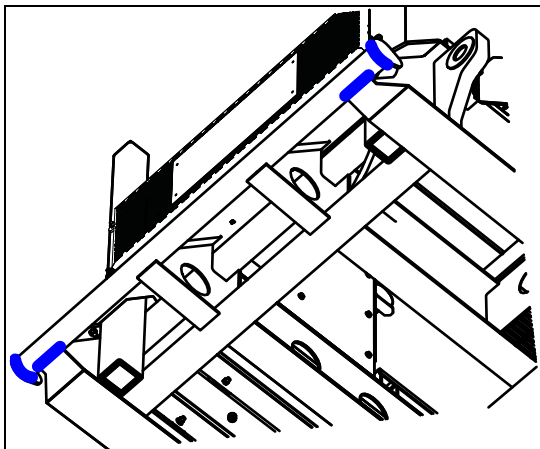
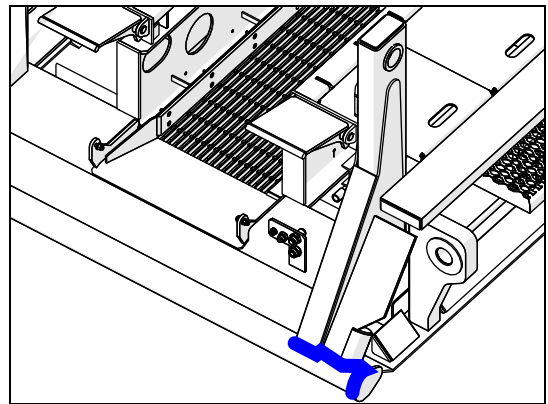
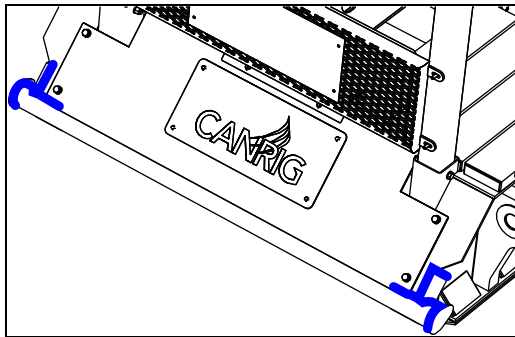
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Skid Roll End (26" Deck Height)

The following information should be supplied on the inspection report as minimum:

Purchase Order #: _____
Inspection Report #: _____
Inspector's Signature/Stamp: _____
Type of Inspection: _____

Date: _____
Canrig Part #: _____
Power Catwalk S/N: _____
Canrig Representative: _____



Procedure

Perform a Dry Magnetic Particle Inspection on all welds shown in accordance with ASTM E709. Acceptance criteria are as defined in ASTM E709. All other areas not indicated must be visually examined for damage and signs of fatigue.



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Skid Roll Ends (42" Deck Height)

The following information should be supplied on the inspection report as minimum:

Purchase Order #: _____

Date: _____

Inspection Report #: _____

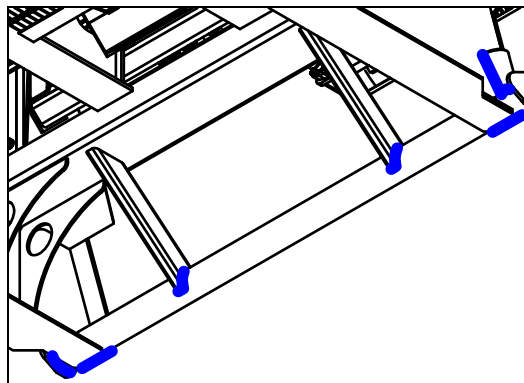
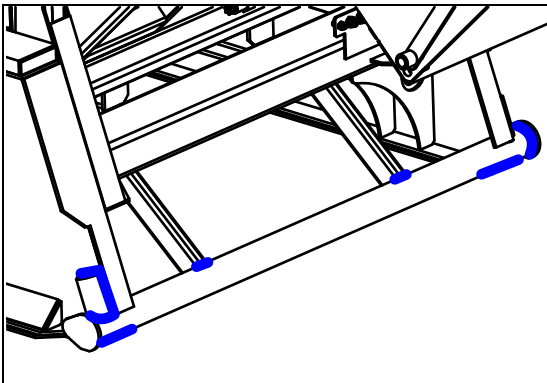
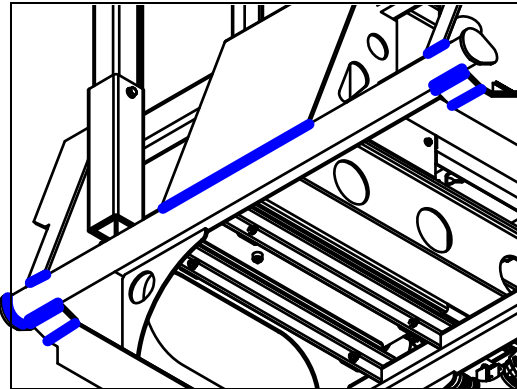
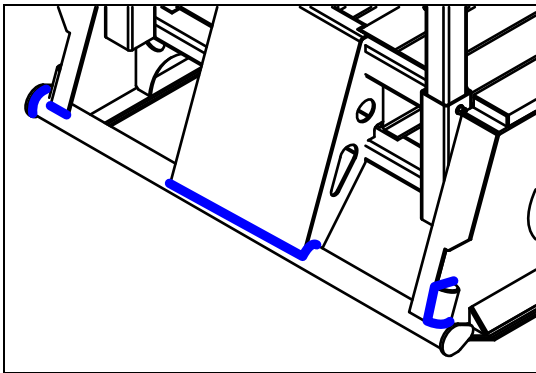
Canrig Part #: _____

Inspector's Signature/Stamp: _____

Power Catwalk S/N: _____

Type of Inspection: _____

Canrig Representative: _____



Procedure

Perform a Dry Magnetic Particle Inspection on all welds shown in accordance with ASTM E709. Acceptance criteria are as defined in ASTM E709. All other areas not indicated must be visually examined for damage and signs of fatigue.

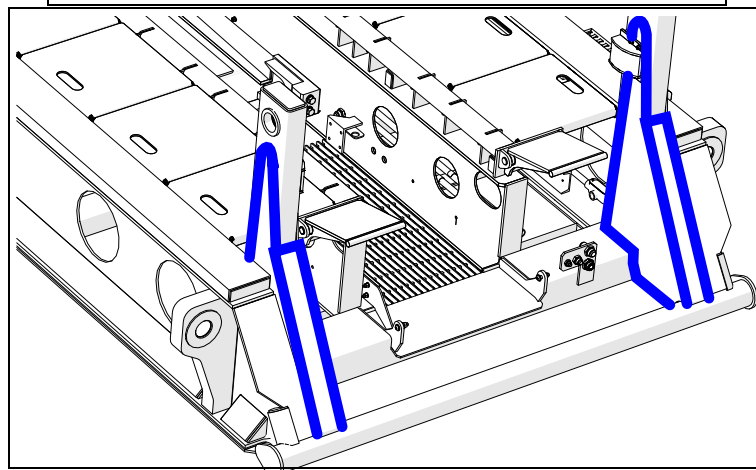
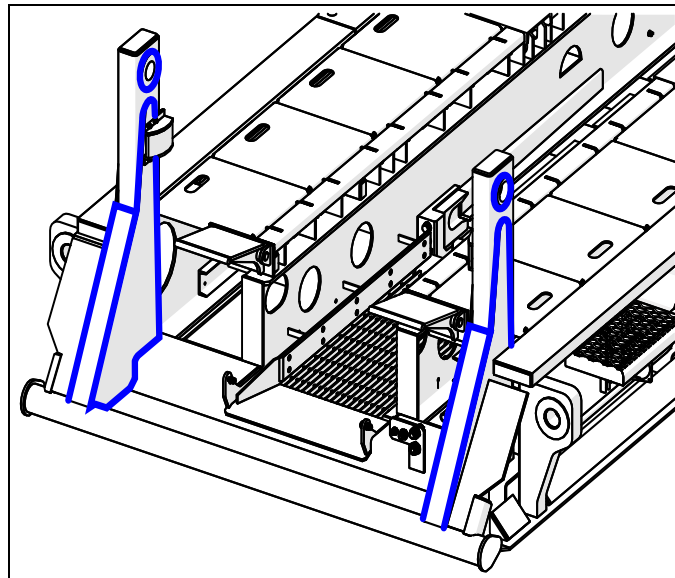


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Skid Ramp Pivot Post

The following information should be supplied on the inspection report as minimum:

Purchase Order #: _____ Date: _____
Inspection Report #: _____ Canrig Part #: _____
Inspector's Signature/Stamp: _____ Power Catwalk S/N: _____
Type of Inspection: _____ Canrig Representative: _____



Procedure

Perform a Dry Magnetic Particle Inspection on all welds shown in accordance with ASTM E709. Acceptance criteria are as defined in ASTM E709. All other areas not indicated must be visually examined for damage and signs of fatigue.



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Skid Hydraulic Ramp Pivot Posts

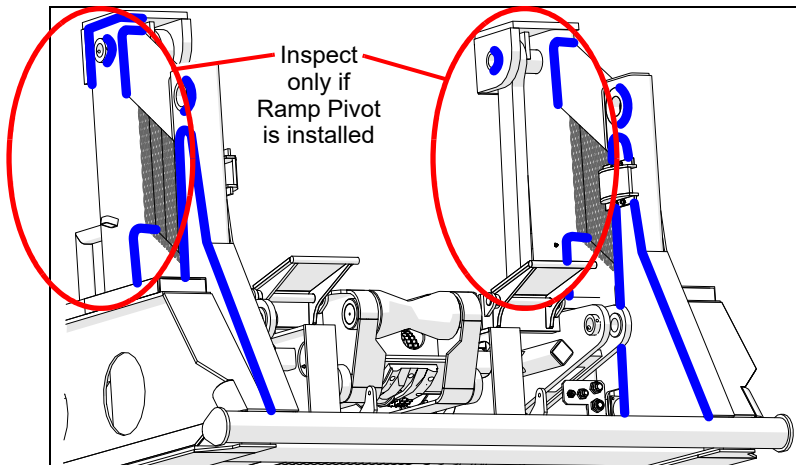
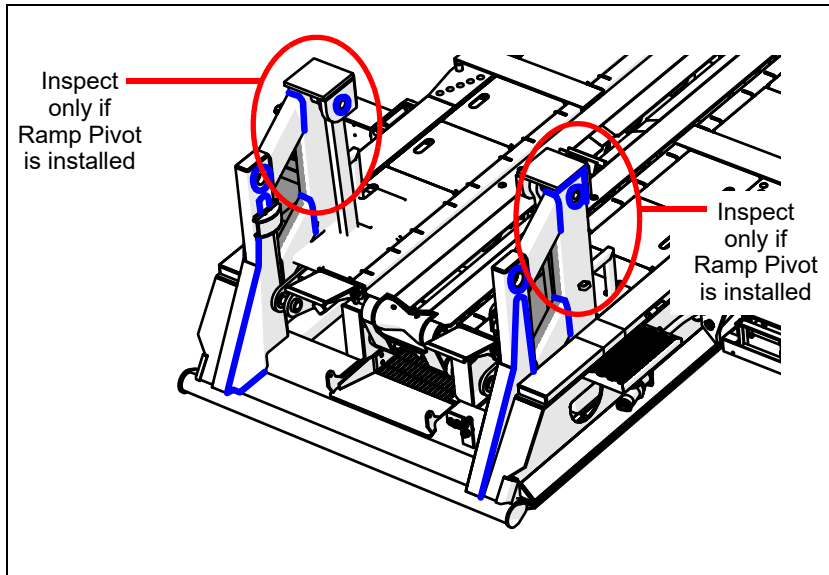
The following information should be supplied on the inspection report as minimum:

Purchase Order #: _____ Date: _____

Inspection Report #: _____ Canrig Part #: _____

Inspector's Signature/Stamp: _____ Power Catwalk S/N: _____

Type of Inspection: _____ Canrig Representative: _____



Procedure

Perform a Dry Magnetic Particle Inspection on all welds shown in accordance with ASTM E709. Acceptance criteria are as defined in ASTM E709. All other areas not indicated must be visually examined for damage and signs of fatigue.



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Pivot Cylinder Mounts

The following information should be supplied on the inspection report as minimum:

Purchase Order #: _____

Date: _____

Inspection Report #: _____

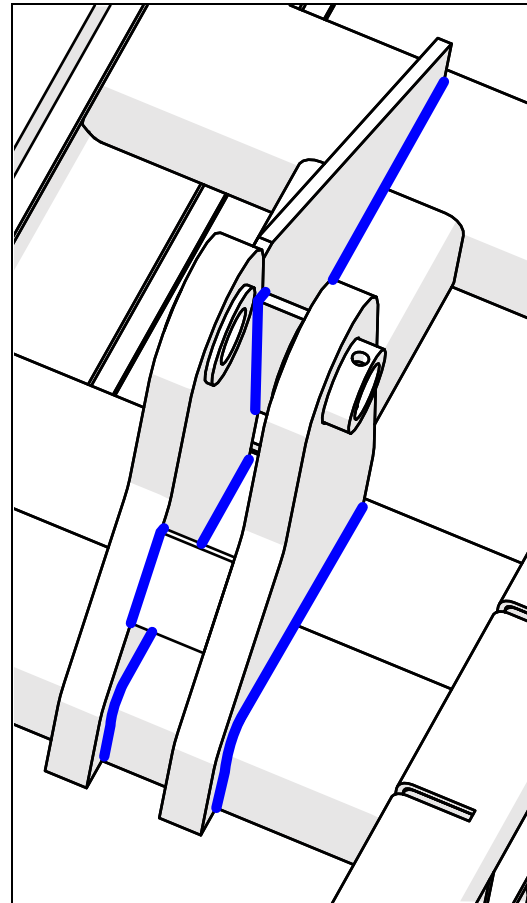
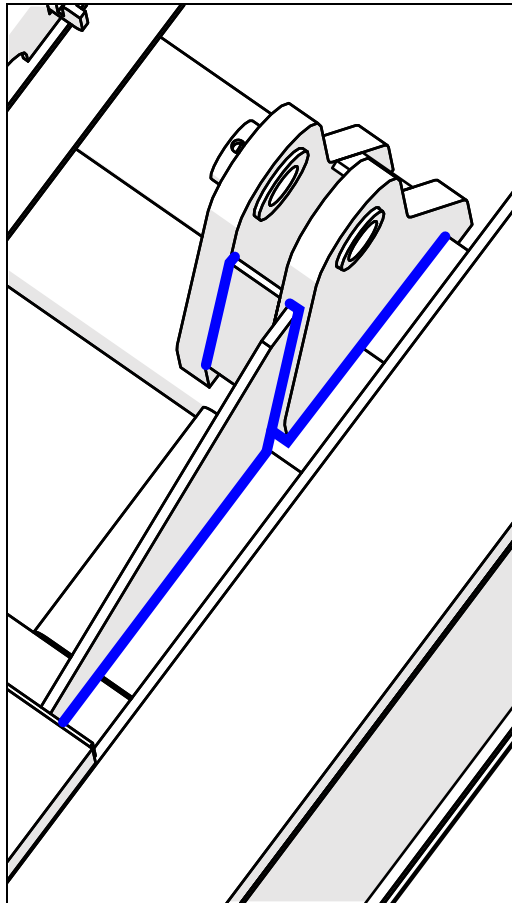
Canrig Part #: _____

Inspector's Signature/Stamp: _____

Power Catwalk S/N: _____

Type of Inspection: _____

Canrig Representative: _____



Inspect only if Ramp Pivot is installed

Procedure

Perform a Dry Magnetic Particle Inspection on all welds shown in accordance with ASTM E709. Acceptance criteria are as defined in ASTM E709. All other areas not indicated must be visually examined for damage and signs of fatigue.

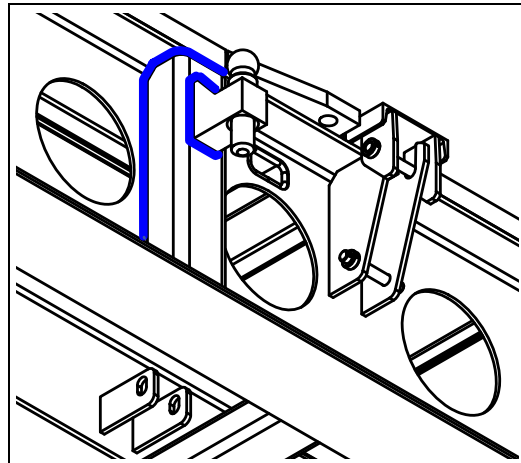
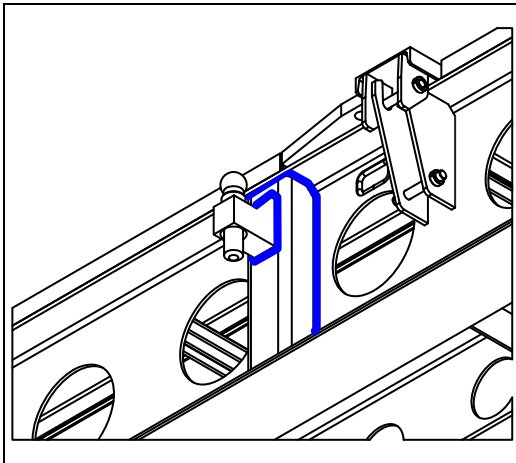


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Pipe Rack Arm Mount/Hitch Block (26" Deck Height)

The following information should be supplied on the inspection report as minimum:

Purchase Order #: _____ Date: _____
Inspection Report #: _____ Canrig Part #: _____
Inspector's Signature/Stamp: _____ Power Catwalk S/N: _____
Type of Inspection: _____ Canrig Representative: _____



Procedure

Perform a Dry Magnetic Particle Inspection on all welds shown in accordance with ASTM E709. Acceptance criteria are as defined in ASTM E709. All other areas not indicated must be visually examined for damage and signs of fatigue.



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Pipe Rack Arm Mounts (42" Deck Height)

The following information should be supplied on the inspection report as minimum:

Purchase Order #: _____

Date: _____

Inspection Report #: _____

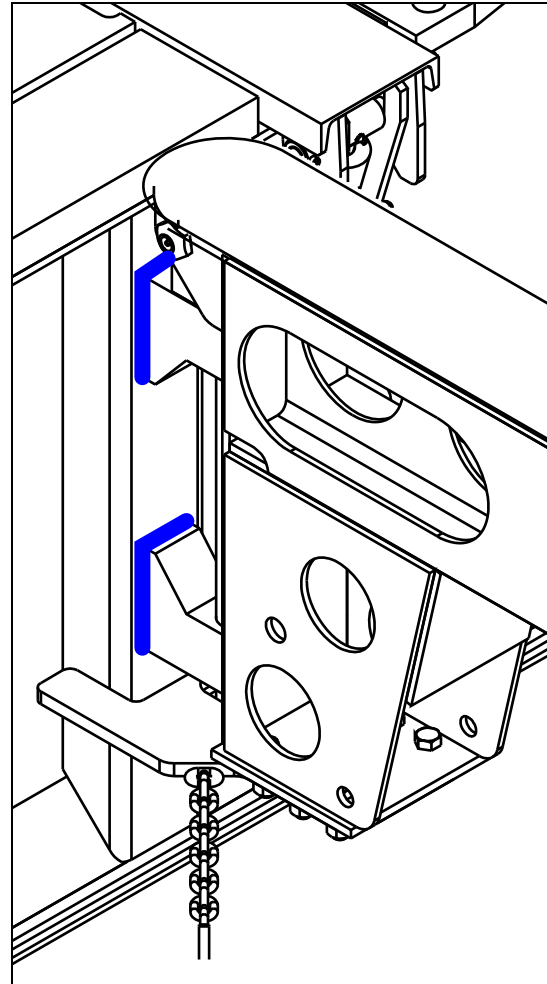
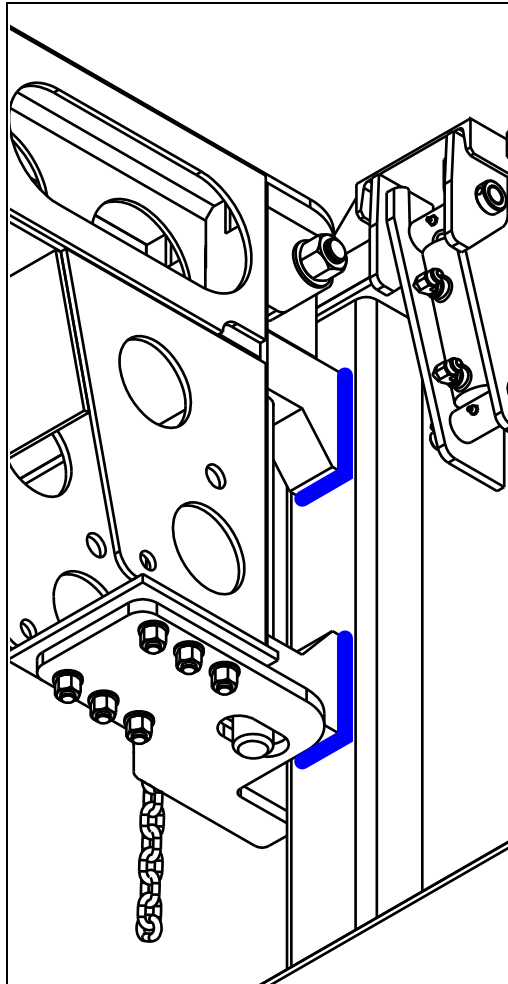
Canrig Part #: _____

Inspector's Signature/Stamp: _____

Power Catwalk S/N: _____

Type of Inspection: _____

Canrig Representative: _____



Procedure

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Ramp Pivot Posts and Winch Mounting Plate (original style)

The following information should be supplied on the inspection report as minimum:

Purchase Order #: _____

Date: _____

Inspection Report #: _____

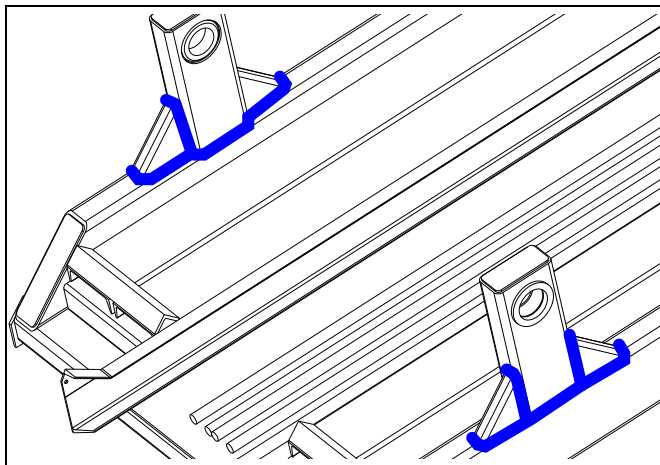
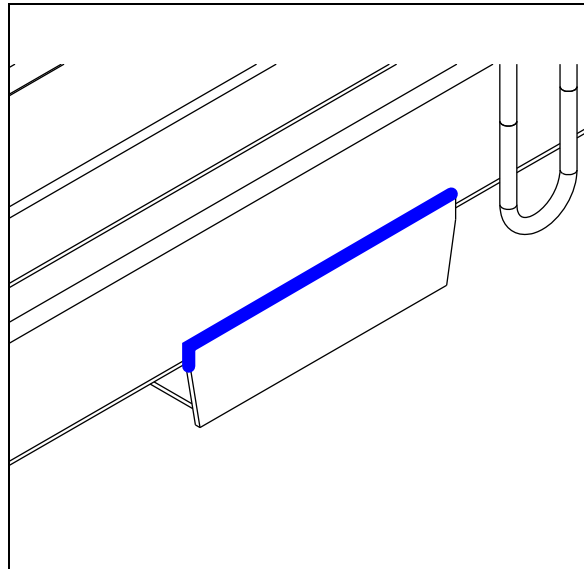
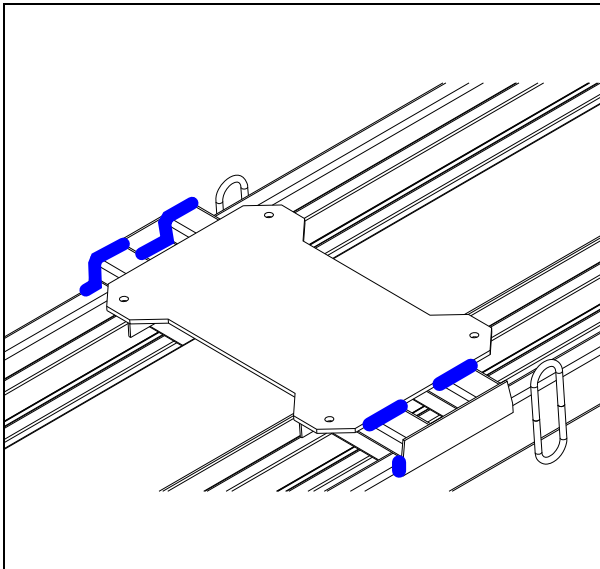
Canrig Part #: _____

Inspector's Signature/Stamp: _____

Power Catwalk S/N: _____

Type of Inspection: _____

Canrig Representative: _____



Procedure

Perform a Dry Magnetic Particle Inspection on all welds shown in accordance with ASTM E709. Acceptance criteria are as defined in ASTM E709. All other areas not indicated must be visually examined for damage and signs of fatigue.

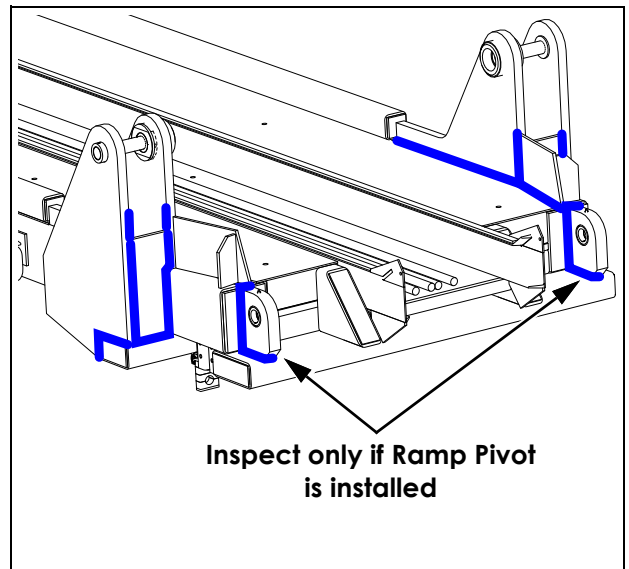
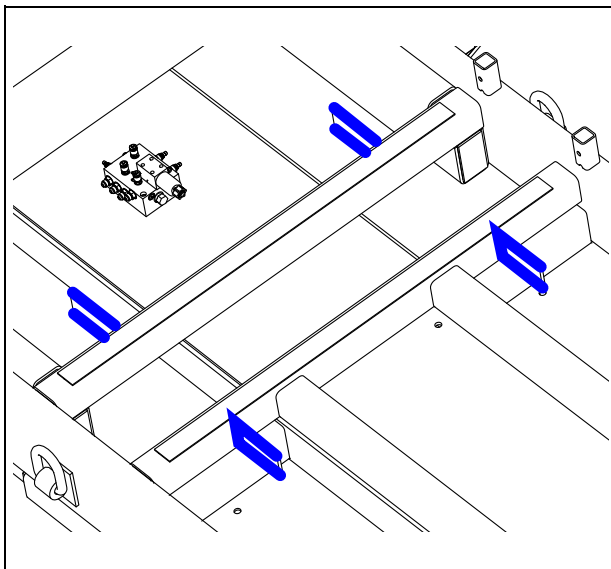
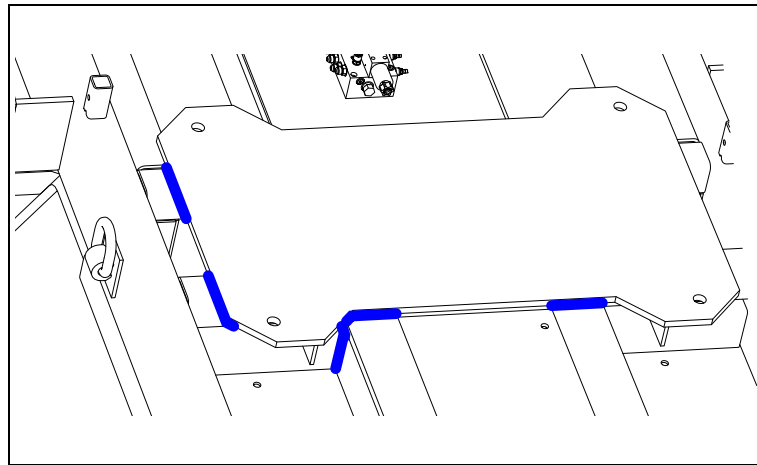


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Ramp Pivot Posts and Winch Mounting Plate (v 1.0 / v 1.1)

The following information should be supplied on the inspection report as minimum:

Purchase Order #: _____ Date: _____
Inspection Report #: _____ Canrig Part #: _____
Inspector's Signature/Stamp: _____ Power Catwalk S/N: _____
Type of Inspection: _____ Canrig Representative: _____



Procedure

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Carrier Cable Block and Connections

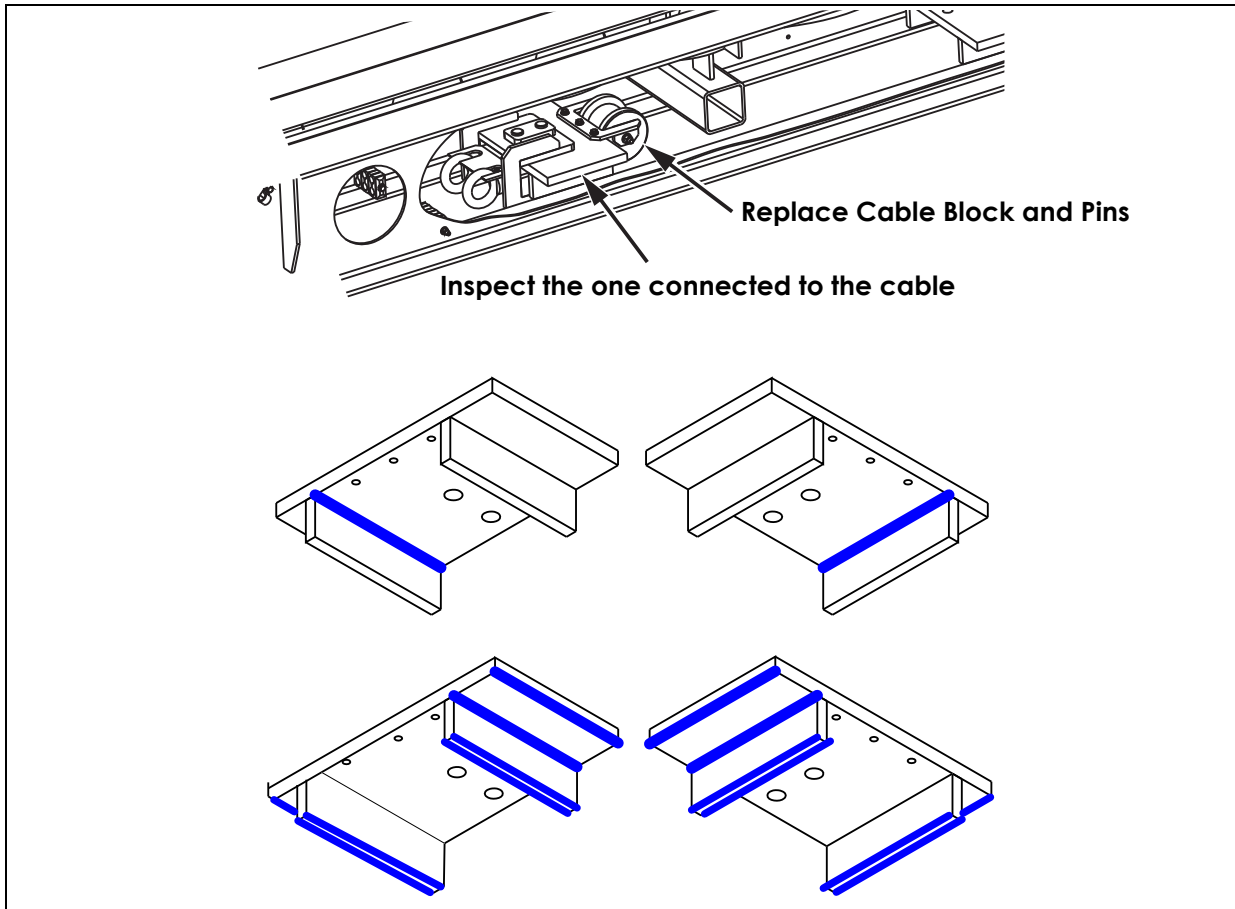
The following information should be supplied on the inspection report as minimum:

Purchase Order #: _____ Date: _____

Inspection Report #: _____ Canrig Part #: _____

Inspector's Signature/Stamp: _____ Power Catwalk S/N: _____

Type of Inspection: _____ Canrig Representative: _____



Procedure

Perform a Dry Magnetic Particle Inspection on all welds shown in accordance with ASTM E709. Acceptance criteria are as defined in ASTM E709. All other areas not indicated must be visually examined for damage and signs of fatigue.

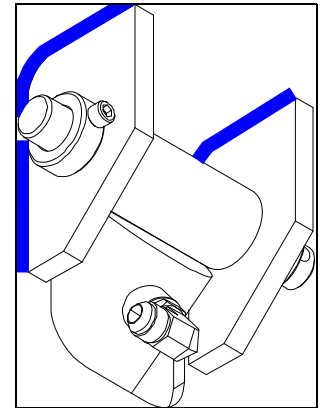
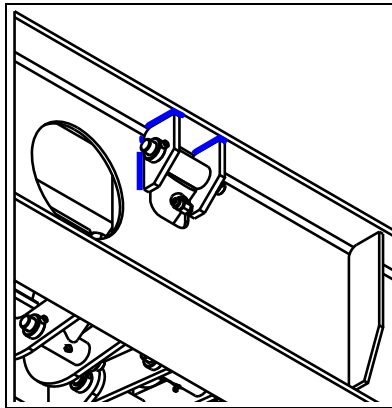
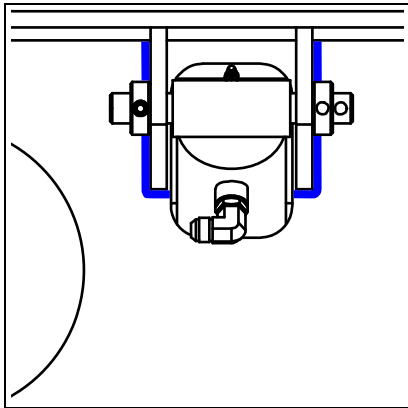


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Carrier Pipe Kicker Mount

The following information should be supplied on the inspection report as minimum:

Purchase Order #: _____ Date: _____
Inspection Report #: _____ Canrig Part #: _____
Inspector's Signature/Stamp: _____ Power Catwalk S/N: _____
Type of Inspection: _____ Canrig Representative: _____



Procedure

Perform a Dry Magnetic Particle Inspection on all welds shown in accordance with ASTM E709. Acceptance criteria are as defined in ASTM E709. All other areas not indicated must be visually examined for damage and signs of fatigue.



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Lift Arm Pin Mounts

The following information should be supplied on the inspection report as minimum:

Purchase Order #: _____

Date: _____

Inspection Report #: _____

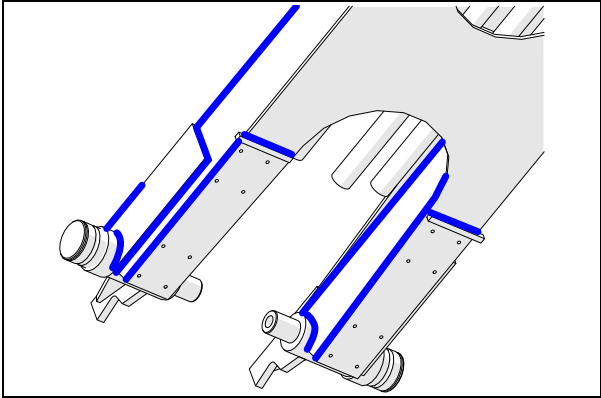
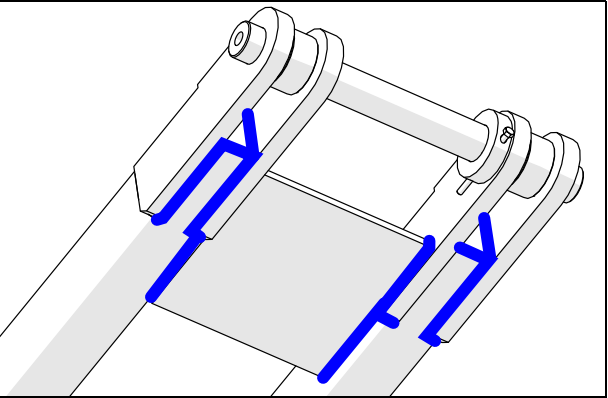
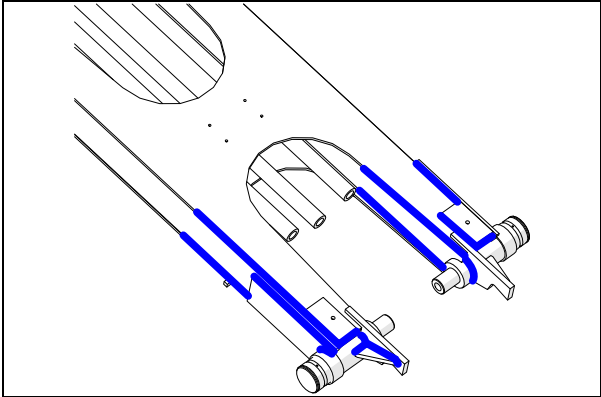
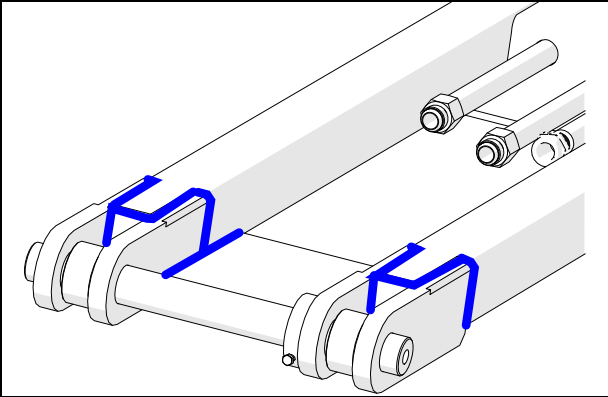
Canrig Part #: _____

Inspector's Signature/Stamp: _____

Power Catwalk S/N: _____

Type of Inspection: _____

Canrig Representative: _____



Procedure

Perform a Dry Magnetic Particle Inspection on all welds shown in accordance with ASTM E709. Acceptance criteria are as defined in ASTM E709. All other areas not indicated must be visually examined for damage and signs of fatigue.



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Rig No. _____

PC3000 S/N. _____

Canrig Inspection Performed By: _____

Signature: _____

MPI Inspection Performed By: _____

Signature: _____

1000-Day Inspection Comments:
Catwalk Base: Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Comments:
Ramp: Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Comments:
Carrier: Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Comments:



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1000-Day Inspection Comments:
Lift Arm: Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Comments:
Hydraulic Power System: Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Comments:
Electrical System: Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Comments:

Rig Manager _____ Date _____

Rig Manager's Comments
