



XMOR 21.5 m³ MINING TIPPER

TIPPER BODY MADE IN HARDOX® WEAR PLATE

SERVICE AND MAINTENANCE CHECKLIST

Date	Chassis No. (Located on Subframe)
Service Technician	

 WARNING	<ul style="list-style-type: none"> • The tipper body can fall when in tipped position. • Never go under an unsupported body. • Risk of crush injuries. • Always use tils supports when performing work under a raised tipper body. • Ensure vehicle is properly isolated and that no access to the cabin of the truck is possible.
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 NOTICE	<ul style="list-style-type: none"> • Read the XMOR Mining Tipper Service and Maintenance manual before performing service and maintenance. • This document contains chapter references to service task descriptions in the XMOR Mining Tipper Service and Maintenance manual.
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1. Visual Body Plate damage inspection

Ref.	Service Task	No Issues	Minor Issues	Major Issues	
1.1	Side Plates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.2	Bottom Plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.3	Front Plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.4	Chute Plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.5	Tail Gate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.6	Cable, tailgate arm and hinge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.7	Liner Plates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.8	Top Rail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.9	Canopy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.10	Other plates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Comments

2. Visual weld inspection

Ref.	Service Task	No Issues	Minor Issues	Major Issues
2.1	Inside Welds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2	Side Welds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3	Canopy Welds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4	Front Welds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.5	Pivot Beams Welds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.6	Tailgate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.7	Rear Welds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.8	Bottom Welds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments

3. Subframe Plates and Welds

Ref.	Service Task	No Issues	Minor Issues	Major Issues
3.1	Rear cross member	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2	Rear hinge area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.3	Stabilizer assembly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.4	Hyfix cross member	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.5	Cradle bracket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.6	Attachment plates and brackets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.7	Wood or Rubber brackets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments

4. Hydraulic Kit

Maintenance Intervals	Ref.	Service Task	Status
Daily	4.1	Check air hoses: damages & leaks	_____
	4.2	Check knock-off: operation, damages & leaks	_____
	4.3	Check air control: operation, damages & leaks	_____
	4.4	Check cylinder (1): operation, damages & leaks	_____
	4.5	Check hydraulic hoses (2A, B, C): damages & leaks	_____
	4.6	Check Hydraulic valve (3): damages & leaks	_____
	4.7	Check Tank (4): damages & leaks	_____
	4.8	Check oil level in the oil tank. Oil level has to be in the middle of the spy eye or level indicator, while body is resting on the sub frame.	_____
	4.9	Grease chassis brackets (8) of cylinder*	_____
	4.10	Grease piston eye on tipper body *	_____
	4.11	Grease rear hinges of body (the right amount of grease has been added when the newly applied grease can be visually seen between the sleeves. Visually inspect to ensure the above).*	_____
	4.12	Grease tail door mechanism and and hinges *	_____
	4.13	Grease Hyfix body clamp *	_____
	4.14	Grease Stabilizer pivot points *	_____
Weekly	4.15	Clean outside of cylinder (1)	_____
	4.16	Check "leak indicator" hole of pump (5)	_____
	4.17	Check oil return filter (6)	_____
	4.18	Check air breather filter (7)	_____
	4.19	Check nut and bolt (torques)	_____
Every 2 months	4.20	If the hydraulic oil is dirty or contaminated, drain and clean the oil tank (and the hoses) and fill with new oil.	_____
	4.21	Change oil return filter	_____
	4.22	Change air breather filter	_____
Annually	4.21	Change oil return filter	_____
	4.22	Change air breather filter	_____

*This is also part of Section 9 - Lubrication

Summary Hydraulic inspection and Maintenance

- No Issues
- Minor Issues
- Major Issues

Comments

5. Lamp inspection

Ref.	Service Task	No Issues	Minor Issues	Major Issues
5.1	Rear Lamps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.2	Side Marker Lamps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.3	Canopy lamps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments

6. Electrical wiring inspection

Ref.	Service Task	No Issues	Minor Issues	Major Issues
6.1	Wiring to Rear Lamps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.2	Wiring to Side Marker Lamps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.3	Wiring to canopy lamps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments

7. Bolt inspection and tightening

Ref.	Service Task	Performed?		
		Yes	No	
7.1	Subframe attachment bolts	<input type="checkbox"/>	<input type="checkbox"/>	
7.2	Pivot Beam Bolts	<input type="checkbox"/>	<input type="checkbox"/>	
7.3	Cylinder Cradle Mounting Brackets Bolts	<input type="checkbox"/>	<input type="checkbox"/>	
7.4	Wood or Rubber Bolts	<input type="checkbox"/>	<input type="checkbox"/>	
	<i>Replacing of Wood required?</i>	<input type="checkbox"/>	<input type="checkbox"/>	
7.5	Mudflap Plate Bolts	<input type="checkbox"/>	<input type="checkbox"/>	

Comments

8. Lubrication

Ref.	Service Task	Performed?		
		Yes	No	
8.1	Pivot Axle Lubrication	<input type="checkbox"/>	<input type="checkbox"/>	
8.2	Body Tilt Support Lubrication	<input type="checkbox"/>	<input type="checkbox"/>	
8.3	Stabilizer assembly lubrication	<input type="checkbox"/>	<input type="checkbox"/>	
8.4	Tipping cylinder lubrication	<input type="checkbox"/>	<input type="checkbox"/>	
8.5	Mechanical Body clamp lubrication	<input type="checkbox"/>	<input type="checkbox"/>	
8.6	Tail gate arm lubrication	<input type="checkbox"/>	<input type="checkbox"/>	
8.7	Hinge shaft lubrication	<input type="checkbox"/>	<input type="checkbox"/>	

Comments



With the objective to change the mind-set of the earth-moving industry, XMOR™ provide premium products with unique and innovative designs to revolutionize excavation, loading and hauling. XMOR™ delivers the most productive products in the mining and earth moving industry that take full advantage of the latest Hardox materials. The combination of using the world's best steels, with optimized design and the highest quality production processes, makes it possible to reduce weight and offer larger products with higher payloads than their counterparts; increasing the productivity of your assets and reducing your cost per ton. In short, with XMOR you can expect more in less time.

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