



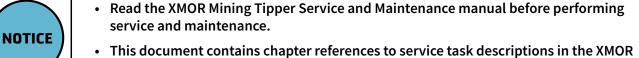
# XMOR 21.5 m<sup>3</sup> MINING TIPPER

TIPPER BODY MADE IN HARDOX<sup>®</sup> WEAR PLATE

SERVICE AND MAINTENANCE CHECKLIST

Date	Chassis No. (Located on Subframe)
Service Technician	1

	<ul> <li>The tipper body can fall when in tipped position.</li> <li>Never go under an unsupported body.</li> <li>Risk of crush injuries.</li> </ul>
	<ul> <li>Always use tils supports when performing work under a raised tipper body.</li> </ul>
WARNING	<ul> <li>Ensure vehicle is properly isolated and that no access to the cabin of the truck is possible.</li> </ul>
	Read the XMOR Mining Tipper Service and Maintenance manual before performing



Mining Tipper Service and Maintenance manual.

## 1. Visual Body Plate damage inspection

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

## 2. Visual weld inspection

Ref.	Service Task	No Issues	Minor Issues	Major Issues
2.1	Inside Welds			
2.2	Side Welds			
2.3	Canopy Welds			
2.4	Front Welds			
2.5	Pivot Beams Welds			
2.6	Tailgate			
2.7	Rear Welds			
2.8	Bottom Welds			
Com	ments			

## 3. Subframe Plates and Welds

Ref.	Service Task	No Issues	Minor Issues	Major Issues
3.1	Rear cross member			
3.2	Rear hinge area			
3.3	Stabilizer assemblye			
3.4	Hyfix cross member			
3.5	Cradle bracket			
3.6	Attachment plates and brackets			
3.7	Wood or Rubber brackets			

## 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 $^{\star}$	
	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	
	4.23	Change oil and make sure tank is clean	
Annually	4.21	Change oil return filter	
, unaduy	4.22	Change air breather filter	

Summary Hydraulic inspection and Mainter	nance
No Issues	
Minor Issues	
Major Issues	

## 5. Lamp inspection

Ref.	Service Task	No Issue	Minor s Issues	
5.1	Rear Lamps			
5.2	Side Marker Lamps			
5.3	Canopy lamps			

#### Comments

## 6. Electrical wiring inspection

Ref.	Service Task	No Issues	Minor Issues	Major Issues
6.1	Wiring to Rear Lamps			
6.2	Wiring to Side Marker Lamps			
6.3	Wiring to canopy lamps			

# 7. Bolt inspection and tightening

Ref.	Service Task	Perfo	rmed?
		Yes	No
7.1	Subframe attachment bolts		
7.2	Pivot Beam Bolts		
7.3	Cylinder Cradle Mounting Brackets Bolts		
7.4	Wood or Rubber Bolts		
	Replacing of Wood required?		
7.5	Mudflap Plate Bolts		

#### Comments

8.	Lubrication	

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



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