

210-45  
MAY

**Pidherneys Inc - 30K Service Inspection**

<b>Unit:</b> 9166	<b>Kms:</b> 392700	<b>WO:</b> 70482
<b>Type:</b> Tractor	<b>Location:</b> RM Shop	<b>Date:</b> 22-Jul-2025 05:58 AM

**Brake Stroke Measurements**

	LHS	RHS
<b>#1 (mm)</b>	34	31
<b>#2 (mm)</b>	36	37
<b>#3 (mm)</b>	38	37
<b>#4 (mm)</b>		

**Vehicle Service & Inspection**

Replace engine oil	✓
Install new engine oil filter(s)	✓
Install new engine fuel filter(s)	✓
Run engine for 3 mins and recheck oil level	✓
Replace engine air filters	✓
Replace Cab Filters	✓
Apply and release brakes until dash valve pops out	✓
Check low air buzzer and warning lights when engine is running	✓
Compressor build-up time 85psi – 100psi (2min or less @ 600-800 rpm)	✓
Check windshield wipers, washers	✓
Windshield Condition	✓

Check horns – Electric and Air	✓
Check HVAC and defrost	✓
Check seats & seat belts	✓
Check for triangle kit	✓
Check fire extinguisher expiry date	✓
Check chassis lighting – Including auxiliary lighting	✓
Check batteries – Visually for corrosion – Spray with battery terminal protector	✓
Check mud flaps, splash guards	✓
Check trailer electrical/air hoses and glad hands	X
Check 5th wheel play, lube top plate and underside linkage – Adjust if Required	X
Check pintle hitch and mounting	N/ A
Check front steer oil hub levels	✓
Check exhaust piping, muffler, clamps and brackets	X
Check tarp chains, crank handle, bearings and safety guard is installed	N/ A
Lube tarp chains, sprockets, crank handles, roller bearings, box hinges	N/ A
Check hydraulic diverter valve condition – Lube linkage	N/ A
Check belts – Visual inspection for wear and tension	✓
Check hoses – condition and/or leaks	X
Check steering components	✓
Check steering fluid condition and level	✓
Check coolant fluid condition and level	✓

Check rad, fan drive and shroud	✓
Visually check starter and connections for tightness	✓
Check for exhaust leaks	✓
Check for oil leaks	X
Check clutch adjust – Remove cover 1/2" between release bearing & clutch brake	N/A
Check transmission oil condition, level & breather	✓
Check 1st diff oil condition, level, breather & filter condition	✓
Check 2nd diff oil condition, level, breather & filter condition	✓
Check 3rd diff oil condition, level, breather & filter condition	N/A
Transfer case oil level	N/A
Check driveline for bad u-joints, steady bearings & loose yokes	✓
Check front and rear suspension – springs, hangers, shocks, radial & lateral torque rods	X
Check exhaust piping from turbo, muffler, DPF clamps and brackets – For leaks	✓
Check front and rear engine mounts	✓
Check frame and cross members for cracks	✓
Visually check condition of air dryer – Replace cartridge only if truck has high compressor build up time	✓
Visually check air ride height – Adjust if required	✓
Check brake lining, drum wear & disk brake components – Visual check through inspection holes	X
Brake chamber(s) condition & for mixed pots	✓
Check and lube slack adjuster clevis pins for seizing – Install missing brake stroke indicators	✓
Grease complete chassis – Raise box and grease top, bottom box hinges and tail	✓

## Repairs Found

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AIR LINE TO FAN CLUTCH LEAKING  
BACKUP ALARM QUIET  
#2 LH SHOCK LOOSE  
#1 DIFF OUTPUT PINION NUT LOOSE  
BOTH UPPER EXHAUST STACK BUSHINGS  
GLAD HAND RUBBERS  
TOP UP HYDRAULIC TANK  
#3 LH BRAKE SHOES 10MM  
FIFTH WHEEL JAW PINS PUSHED UP AND BENT

Blaine

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BJ