



TRACKMOBILE® DIVISION

SERVICE REPORT

PRAIRIE

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DATE Dec 11 20 17

CUSTOMER Whiting PERSON _____ P.O. # _____

CONTACTED _____ LOCATION wpg. MB T.M. # 80015

Unit	Make	Model	Serial Number	Meter Reading			
	<u>Trackmobile</u>	<u>4150</u>	<u>98073</u>	<u>12</u>			
TRAVEL				KM	Reg. Hours	O.T. Hours	Expenses
FROM _____ TO _____							
FROM _____ TO _____							
				LABOUR			

CUSTOMER COMPLAINT _____

WORK PERFORMED Completely Rebuild unit as per attached sheets

JOB EXPENSES: HOTEL _____ MEALS _____ MISC. _____

QTY.	PART NUMBER	DESCRIPTION	QTY.	PART NUMBER	DESCRIPTION

Job Complete Yes No

Customer's Signature _____ Serviceman's Signature 

CAB	<p>Strip old cab of all reusable parts</p> <p>Reassemble reusable & reconditioned parts into new cab</p> <p>Reinstall new cab onto sub frame install all new cab mounts & hard ware</p> <p>Remove seat belts from old cab recondition install into new cab</p> <p>Send seat out for reupholstering</p> <p>Recondition seat frame and slide mech.</p> <p>Replace floor mat</p> <p>Order new sight gauge</p>
INSTRUMENT PANEL	<p>Remove all switches ,circuit breakers & controls from old cab</p> <p>Remove all relays & control modules ECU,s from old cab all are to be reused</p>
SWITCHES	<p>Install new Switches, relays, circuit breakers are being replaced with new</p> <p>Install all new switches, circuit breakers & controls into dash of new cab</p> <p>Install all relays & control modules into new cab</p>
Gauges	<p>Remove from old cab inspect recondition replace light bulbs</p> <p>Install into new cab</p>
INSTRUMENT PANEL WIRING	<p>Remove all instrument panel wiring from old cab</p> <p>Inspect wiring repair or replace as needed</p> <p>Reinstall all wiring into new cab instrument panel</p>
STEERING COLUMN	<p>Remove steering wheel orbital assy from old cab</p> <p>Recondition steering orbital, clean and paint</p>
PARK BRAKE ACTUATOR	<p>Remove park brake lever from old cab to be reused</p> <p>recondition</p> <p>Install into new cab</p>
ACCELERATOR TREADLE VALVES	<p>Remove engine acc control valve send to WAB for rebuilding</p> <p>Check & recondition shuttle check valve</p> <p>Install new acc treadle valve into front of new cab</p> <p>Install rebuilt acc treadle valve into rear of cab</p> <p>Reinstall rebuilt eng control valve onto engine</p>
BRAKE TREADLE VALVES	<p>Check recondition shuttle check valves</p> <p>Install new brake treadle valve into new cab front</p> <p>Install rebuilt brake treadle valve into new cab rear</p>
DEFROST FANS AIR HORN	<p>Install two new defrost fans into new cab</p> <p>Install new air horn assy onto new cab roof</p> <p>Install new elect dash switch</p> <p>Install new electrical operated dash switch decal</p>

WIPERS	<p>Front wiper Reuse Wiper motor Remove all parts from old cab Replace wiper arm Replace Wiper blade</p> <p>Rear wiper Remove all parts from old cab Reuse Wiper motor Replace pantograph adapter kit Replace wiper arm Replace Wiper blade</p>
TACH/HOUR METER	Replace tach/hour meter is WAB
STROBE LIGHT & GUARD	Do not remove from old cab Install new LED strobe light onto new cab
HEATER ASSY	Replace cab heater assy Install all new heater hoses Install new dash switch
HOOD & GRILL	Remove ether start assy from old hood, replace ether bottle Test ether start system Replace hood with new
HARNESSES & WIRING	All harnesses & wiring to be reused Remove & inspect all harnesses
LOW AIR WARNING	Replace low air Psi switch
HEAD LIGHTS	Replace front & rear dash panel light switches Replace head light harness terminal ends
TAIL LIGHTS BRAKE LIGHTS	Reuse LED style tail lights Repaint tail light mounting plates Replace brake light PSI switch
TRACK LIGHT	All parts are to be reused Replace dash switch
BATTERIES	Replace both batteries Install new batt hold downs Reuse both battery negative cables Replace battery possitive cable

ENG SHUT DOWN	All parts are to be reused Check for proper operation during engine run up
B/U ALARM	Reuse old back up alarm All other parts are to be reused
BODY FRAME SUB FRAME	Strip of all parts Send to Dericks for sand blasting & paint Replace all deck access plate mount bolts Weld hyd tank mount bolts to deck Reassemble sub frame
SUBFRAME MOUNTS & BOLTS	All subframe mounts all mounting hardware to be reused except lock nuts Sand blast & paint all legs Replace all 16 3/4 lock nuts Replace subframe mount cushions Reuse 4X 7/8 center mount bolts and washers Replace 5/16 cushion mount bolts Reinstall ralings onto unit before final paint
STEPS	All steps & mounting hard ware to be reused Remove steps inspect Reinstall steps before final paint
SANDERS	Straighten RF inner sander tube Remove & recondition all parts Replace all 1" black sander hoses Replace LF outter sander bracket Test sander operation
ENGINE	Engine to be assessed by Cummins Remove engine send to cummins for repairs, replace exh manifold Rebuild starter, Replace alternator, and ammeter with new Replace D2 governor Install new heater coolant shut off valve Replace Serpentine fan belt Replace starter /fuel pullin solenoid (mounted to hyd manifold mount side) Replace alarmstat Remove coolant circulating block heater Install missing engine coolant heater thread in style by eng. Oil filter Install new serpentine belt tensioner Replace engine fuel filters
ENG SHUT DOWN	All parts are to be reused Replace all warning light bulbs Replace eng coolant alarm stat Check for proper operation during engine run up
ENGINE FAN BLADE	To be reused

ENGINE BELT	Replace fan belt
EXHAUST	Cummins to repair engine exh. Manifold exh. Leaks Muffler, muffler guard, Tail pipe, all mounts and hard ware are to be reused Replace exh turbo outlet elbow pipe Replace exh flex pipe Replace exh seal clamps Replace engine hood mount rubbers when installing mount onto new hood Use silicone between cab mounted exhaust bracket and hood
AIR CLEANER	All parts are to be reused, except air filter elements Remove all parts inspect all parts especially all tubing Install all parts onto new engine Install new filter elements
FUEL FILTERS	Replace both fuel filters 2000 HRS. service
FUEL TANK	Remove fuel tank Inspect all parts Replace fuel tank senc Rads had to be recored Clean and paint fuel tank, fuel tank mount straps, fuel fill neck & fuel fill elbow Upon main frame return reinstall reconditioned fuel tank Reinstall all parts back onto reassembled unit Test fuel gauge operation
RADIATOR	Send radiator out for recore
SHROUD	To be reused Remove from rad,inspect, clean, paint Reinstall onto rad when rad returns
Eng. Fan Guard	To be reused Remove,inspect, clean, paint
COOLANT HOSES	Replace upper and lower rad hoses Replace all 5/8 inch heater hoses Replace 90 rubber hose elbows under cab heater assy
COOLANT ENGINE LEVEL	Drain coolant & recycle Replace coolant Ensure - 40 degree strength
TRANSMISSION	All parts, hoses, fittings, trans filter housing, reuse except trans mount pads Clean and flush tranny filter head, replace transmission oil Replace transmission temp guage Replace trans mount pads and bolts

DRIVE LINE	Reuse Driveshafts and u joints Remove, inspect, clean, paint
PARK BRAKE CABLE	Replace
PARK BRAKE PADS	Reuse
TRANSFER GEAR CASE	Replace filter breather Rebuild power divider Repair power divider mounting bracket holes
HYDRAULIC SYSTEM	
PRESSURES	Main relief 2500 psi coupler relief 2100 psi Traverse cylinder 1000 psi coupler lift 1875 psi Test hyd system for bypass, why did pump wear out
HYDRAULIC TANK	Remove hyd tank top cover, inspect inside of tank, clean inside of tank Replace tank breather clean reseal and paint tank, piping
ROAD WHEEL HYD	Reuse left & right road wheel cyl. & all mounting hard ware
CYLINDERS	Replace RF coupler lift cyl, Reuse all other cyl. & all mounting hard ware
COUPLER TRAVERSE	Replace front & rear traverse cylinders
Hyd hoses	Replace misc hoses as required
HYD MANIFOLD	Replace all fitting & hose orings Replace missing guage, cable and female coupling Check & set all operating pressures see page
HYD. FILTERS	Replace both HI & Lo side hyd. Oil filters
FRONT RAIL AXLE	reseal center section Drill & lock wire carrier bolts Reassemble left & right hubs
REAR RAIL AXLE	Reseal center section Drill & lock wire carrier bolts
DRIVE HUBS	Reuse
BRAKES RAIL AXLE	Replace left front brake calipier Reuse all other brake calipers & brake pads Reuse all brake rotors
BRAKE POWER CLUSTERS	Replace left & right brake power clusters

ROAD BRAKES	<ul style="list-style-type: none"> Replace left & right brake wheel cylinders Replace left & right road wheel brake flex hoses Replace copper gaskets Clean & lube all brake adjusters Clean & inspect all other brake parts if ok reuse Bleed & psi test all brakes
BRAKE HOSES	<ul style="list-style-type: none"> Replace all brake hoses
FRONT ROAD AXLE	<ul style="list-style-type: none"> Inspect, clean, repack bearings with grease and reuse Replace axle mount shell bearings
STEERING TIE ROD	<ul style="list-style-type: none"> Reuse as is
REAR ROAD AXLE	<ul style="list-style-type: none"> Replace rear road axle bearing shells Inspect wheel bearings If wheel bearings ok clean repack with new grease & reinstall
TIRES & RIMS	<ul style="list-style-type: none"> Send tires & rims to Denray for change out Replace two tire rims Replace two tires Put best tires onto rear road axle
FRONT COUPLER BEAM	<ul style="list-style-type: none"> Reuse beam Use grinder with polishing disc smooth out hammer dents on beam top Replace shock rings
REAR COUPLER	<ul style="list-style-type: none"> Reuse beam <ul style="list-style-type: none"> Repair left top roller retainer plate weld cracked reweld Replace knuckle pin Replace plunger bushing Reassemble coupler head Reuse wear shoe Reuse wear pads
REAR COUPLER HEAD	<ul style="list-style-type: none"> Strip coupler head of all parts clean & recondition all parts Reuse be steel brake line securing studs drill & tap new threaded bolt holes Replace missing keeper plate Extract broken off keeper plate bolt from knuckle Replace broken rear wear pad reuse mount bolts & nuts Replace release cylinder mount plate bolt Replace plunger bushing Reassemble coupler head Reuse wear shoe

MAIN FRAME	Replace broken radiator baffle mount stud drill & tap new bolt holes Replace missing radiator baffle Replace coupler beam side main frame brass wear plates & shims Remove all broken off air line, hyd hose, brake flex hose & Send main frame to Dericks for painting Install new front & rear coupler beam brass wear plates & shims
UNIT AIR SYSTEM AIR TANK	Reuse Clean and paint Replace safty PSI blow off valve siezed
AIR HOSES & VALVES	All hoses & air lines to be reused Inspect all hoses upon removal replace any defective hoses or air lines
AIR DRYER	R & R Remove & send to western air brake for rebuilding
AIR BELL	To be reused Recondition air bell
RAIL WHEELS	Replace all rail wheels and hardware
TRAIN AIR BRAKE CONTROLS	Send all controls & valves to western air brake for rebuilding
TRAIN AIR TANK	Reuse Recondition, clean & paint Replace safty PSI blow off valve siezed
AIR HOSES & LINES	All hoses & air lines to be reused Inspect all hoses upon removal replace any defective hoses or air lines
SCREW COMPRESSO	Remove compressor off of transmission Replace gasket 1083228 between comp & trans Replace splash plate gasket 1081663 Dissassemble screw comp system inspect all parts, clean & recondition. Replace cooler fan Assembly 1088519 Remove thermostat valve housing, disassemble & clean element & housing Replace oil filter 1081658 Remove scavanger tank Clean out side & inside Prep & repaint scavanger tank Replace minumum pressure check valve Replace basket filter 1081645 Replace 1081662 one way check valve Install scavanger tank heater pad Replace all oil carrying hoses send to MEP brothers Reuse all air lines unless defective Replace SSR ultra coolant oil

REMOTE CONTROL	Replace E stop buttons Replace red & amber lights with LED lamps, Replace flashers with LED style Replace radio control switch in dash Replace antenna cable and bracket on roof Replace bulk head fittings in pneumatic box Send out transmitter and receiver for testing and repair Send out dump valve to have rebuilt
HEATERS	Replace main heater harness Install missing engine block heater and harness Install new engine oil pan heater Install new transmission pan heater install new screw compressor heater Reuse hydraulic tank heaters
PERFORM 2000 HRS SERVICE	Complete 2000 HRS service
REPAINTED UNIT	Redecal complete unit Perform out going inspection Send unit out for testing Reinspect unit after testing