

Section 3: Inspection

804015129



MAIN FRAME						OK	RPR	RPL	SRV	Initial	Part Number	Price
Frame Integrity (Cracks)												
1	Front					X						
2	Front-Left					X						
3	Left					X						
4	Back-Left					X						
5	Back						X	X				
6	Back-Right						X	X				\$3,000.00
7	Right					X						
8	Front-Right					X						
9	High-Rail Cylinder Brackets & Pin Holes					X						
10	Battery Box					X						
11	Oscillating Brackets					X						
12	Oscillating Bushings and Pins					X						
13	Cab Step					X						
14	Switchman steps					X						
15	Safety Warning Labels					X						
16												
17												
18												
											Price Total	
												\$3,000.00

Base	Labor Hours	Price
Parts		\$20,100.15
Labor (115hr)	50	\$5,750.00

Total

Base	Labor Hours	Price
Parts		\$0.00
Labor (100hr)		\$0.00

Total

TIRE MOUNTING		
Parts		
Labor (100hr)		\$600.00

Total Cost of Repairs \$25,850.15

right rear section of bumper hit and bent up and outward

ELECTRICAL						OK	RPR	RPL	SRV	Initial	Part Number	Price
1	Strobe Light					X						
2	Front Head Light					X						
3	Front Park Light					X						
4	Rear Head Light					X						
5	Rear Stop & Tail & Turn Light					X						
6	Front & Rear Rail Wheel & Coupler Light					X						
7	Switchman Step Light							X			447-085398	\$154.63
8	Work Light					X						
9	Stop Light Switch					X						
10	Back Up Alarm							X			013-010361	\$201.30
11	Battery & Battery Cables					X						
12	Master Disconnect Switch					X						
13	Starter Relay					X						
14	Sanders (8) & sander Relay (2)							X				\$755.37
15	General Wiring Condition					X						
16												
17												
18												
19												
20												
											Price Total	
												\$1,111.30

- 827-087658 x2
- 181-086532x8
- 484-086461x8
- 054-080767
- 435-081477

POWER PLANT						OK	RPR	RPL	SRV	Initial	Part Number	Price
1	Engine & Mounts					X						
2	Engine Oil Level						X					
3	Engine Oil Filter							X			pm KIT	\$2,300.00
4	Engine Oil Sender					X						
5	Engine Oil Pressure (At Full RPM With Manual Gauge)(Lbs)					X						
6	Engine Coolant (-40F)					X						
7	Coolant Filter							X				
8	Water Temp Sender					X						
9	Air Cleaner Assembly							X				
10	Air Intake System Assembly					X						
11	Charge Air System					X						
12	Alternator & Battery					X						
13	Starter					X						
14	Belts					X						
15	Hoses					X						
16	Pump Drive					X						
17	Air Compressor (0 to 100 PSI At 1200 RPM In the Wet & service Tank Only)						X					
18	Radiator & Mounts					X						

19	Exhaust Pipe, Muffler & Rain Cap	x								
20	Fuel Filter System				x					
20	Throttle Cable & Brackets	x								
	Transmission									
21	Transmission Oil Level		x							
22	Transmission Oil Filter			x						
23	Transmission Shifter	x								
24	Forward & Reverse (1-2-3)	x								
25	2-Wheel & 4- Wheel Drive (Engine RPM--2000 /Transmission Temp 100-200) In Neutral	x								
26	Transmission Pump Pressure (40--60 PSI)	x								
27	Transmission Converter In Pressure (60--115 PSI)	x								
28	Transmission Converter Out Pressure (40--90 PSI)	x								
29	Transmission Cooler Fan Switch & Relay	x								
30	Transmission Cooler Fan	x								
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
										Price Total
										\$2,300.00

DRIVE TRAIN		OK	RPR	RPL	SRV	Initial	Part Number	Price
1	Wheels & Tires			x			798-038123 X4	\$11,902.72
2	Tire Pressure	x						
	FRONT AXLE							
3	Differential Oil Level	x						
4	Planetary Oil Level	x						
5	King Pin Bushing (4)	x						
6	Steering Cylinder & Pins	x						
7	Straight Ahead (Working--Adjustment--Lube	x						
8	Steering Knuckle Cylinder Bushing (2)	x						
9	Steering Knuckle	x						
10	Hub seals	x						
11	Axle & Spindle Seals (4)	x						
12	Differential Oil Leaks	x						
13	Pinion Seal Oil Leak	x						
14	Driveshaft & U--Joint	x						
	REAR AXLE							
15	Differential Oil Level	x						
16	Planetary Oil Levels	x						
17	Hub Seals	x						
18	Differential Oil Leaks	x						
19	Pinion Seal Oil Leak	x						
20	Driveshaft & U--Joint	x						
21								
22								
23								
24								
25								
26								
27								
28								
								Price Total
								\$11,902.72

BRAKES		OK	RPR	RPL	SRV	Initial	Part Number	Price
1	Brake Shoes	x						
2	Brake Calipers	x						
3	Brake Disc	x						
4	Foot Brake Valves (2)	x						
5	Pressure Regulator Valve	x						
6	Master Cylinders	x						

7	Parking Brake	x								626-046221 x2	\$378.98	
8	Hand Park Brake Lever	x										
9	brake fluid reservoir			x								
10												
11												
12												
13												
14												
Price Total												
\$378.98												

CAB		OK	RPR	RPL	SRV	Initial	Part Number	Price	
1	Cab Integrity	x							
2	Windshield Wipers (Bent or Broken)	x							
3	Rear Wipers (1 or 2)	x							
4	Horn (2)	x							
5	Seat Belt (3)	x							
6	Seat Upholstery (Drive &	x							
7	Seat Adjustor	x							
8	Seat Rotation Locks	x		x				\$80.00	
9	Floor Mat	x							
10	Cab Interior	x							
11	Dome Lights (2)	x							
12	Dash Lights	x							
13	High Water--Low Oil Engine Warming Buzzer	x							
14	Hydraulic Temperature Warning Light	x							
15	Transmission Temperature Warming Light	x							
16	Low Air Warming Buzzer & Light	x							
17	Accumulator Light	x							
18	Park Brake Light	x							
19	Low rail Pressure Warning Buzzer & Light	x							
20	Oil Pressure Gauge	x							
21	Engine Temperature Gauge	x							
22	Amperage Gauge (DC Volts)	x							
23	Fuel Gauge	x							
24	Tachometer With Hour Meter	x							
25	Transmission Temperature Gauge	x							
26	Air pressure Gauge	x							
27	Rail Air Pressure & Brake Gauge	x							
28	Rail Hydraulic Pressure Gauges (2)	x							
29	Heater- If Equipped (Check all speeds)	x							
30	Air Conditioning-if equipped	x							
31	Defroster Fans (2)	x							
32	Front Windshield	x							
33	Rear Windows	x							
34	Door Windows	x							
35	Side Windows	x							
36	Door Window Regulators	x							
37	Door Latches Side & Rear	x		x			354-049970	\$168.98	
38	Door Hinges Side & Rear	x							
39	High-Rail Valve Bank	x							
40	Turn Signal Switch	x							
41	Front Head Light Switch	x							
42	Rear Head Light Switch	x							
43	Strobe Light Switch	x							
44	Rail & Coupler Light Switch	x							
45	Defroster Fan Switchs (2)	x							
46	Park Brake Switch	x							
47	Coupler Position Switchs (2)	x							
48	Coupler Release Switchs	x							
49	Rail Wheels Up Switch (2)	x							
50	Steering Lock Switch	x							
51	Drive Mode Switch	x							
52	Rail Air Brake Dump Valve	x							
53	Rail Air Brake Control Valve	x							
54	Control Operation Labels	x							
55	Manuals Present and in Good Condition	x							
56	MADE IN USA DECAL	x							
57	remote in the cab (if applicable)								
58	mirrors			x			480-046875	\$321.33	front mirrors
59									
60									
61									
62									
63									
Price Total									

\$570.31

AIR SYSTEM						OK	RPR	RPL	SRV	Initial	Part Number	Price
1	Secondary Compressor Hydraulic Motor Powered (0 to 100 PSI At 1200 RPM in Rail air Tank Only)										844-045039	\$55.07
2	Leaks--Air & Oil											
3	Sound, Flow, Pressure (105 psi)											
4	Air Drying system (venting 115 psi) No Longer Than 20 Sec.											
5	Air Drying system (make sure dry)											
6	Air Dryer Filters											
7	Scavenger Valves (Ingersoll rand only)											
8	Belt Condition (Ingersoll rand only)											
9	Belt tension and adjustment & guard(ingersol rand only)											
10	Compressor Mount (cracks, tight (ingersol rand only)											
11	Air drains (operational)											
12	In-line air strainer											
13												
14												
15												
16												
											Price Total	
												\$55.07

could not test this section due to a damaged drain valve couldn't get the system over 60psi

RAIL GEAR						OK	RPR	RPL	SRV	Initial	Part Number	Price
1	Rail Arm pins and bushings (excess play/wear)											\$370.40
2	Spindle (damage, bent.)											
3	Wheel Flanges (check gauge 53 3/8)											
4	Wheel Bearings and Torque											
5	Grease Seals											
6	Rail Gear Hydraulic Cylinders											
7	Rail Gear Cylinder Pins											
8	Hydraulic Hoses											
9												
10												
11												
12												
											Price Total	
												\$370.40

105-100380
867-100530
567-086509
324-086508
522-032245 x2
867-032246
072-086204 x2
659-086205

HYDRAULIC						OK	RPR	RPL	SRV	Initial	Part Number	Price
1	Hydraulic Tank Integrity											\$111.37
2	Hydraulic Oil Level											
3	Hydraulic Hoses/ Tubing (Wear)											
4	Return Filter											
5	Pressure Filter											
6	Main Hydraulic Pump (2600 PSI)											
7	Stand by pressure (500 PSI)											
8	Main Valve Bank Pressure Relief Valve (2850)											
9	Steering pressure (2000 to 2500 depending on model)											
10	Accumulator warning setting (1600)											
11	Accumulator Precharge (500 to 650 depending on model)											
12	Accumulator High setting (2350)											
13	General Hose Condition											
14	Dynamic Manifold Kit											
15												
16												
17												
18												
19												
20												
21												
22												
											Price Total	
												\$300.00
											Price Total	
												\$411.37

300-055072
303-023848
540-038532

COUPLERS						OK	RPR	RPL	SRV	Initial	Part Number	Price
1	Coupler tower (check for excess play)	x										
2	Coupler tower (check for cracks or impact damage)	x										
3	Follower plates (cracks broken)	x										
4	I-Bolt (excessive wear)	x										
5	Rebound pads (cracks, damage, bulging)	x										
6	Coupler Box (damage)	x										
7	Coupler Cover Plate	x										
8	Hold Down Plates & Wear Angle	x										
9	Opens and closes freely	x										
10	Coupler hydraulic cylinders (leaks and functional)	x										
11	Coupler Air Release cylinders	x										
12	Coupler Air Release Valve	x										
13												
14												
15												
16												
17												
											Price Total	
												\$0.00