



"Your Success is Our Success"

Billings (406) 245-3188
Belgrade (406) 388-5815
Great Falls (406) 452-9551
Casper (307) 472-1818
Rock Springs (307) 362-4000

www.tste.com

*** Customer Review ***

Date / Time: 8/5/2025 8:13:21AM
Repair Order: 9227
Customer: 10263
Branch: Billings
Invoice Total: \$26,234.12

On Account

Page 1 of 5

Bill To: Teraflex Group, LLC
PO Box 10482
WILLISTON, ND 58803
Shop: 701-774-9816

Ship To: Teraflex Group, LLC
1015 58th Street West
WILLISTON, ND 58801

<u>Customer P/O</u>	<u>Created By</u>	<u>Completion Date</u>
401	shirleym	

Unit Number: 401	Model Year: 2001	Make/Model: Mack RD688S
Type: Truck	VIN: 1M2P324C11M056721	Meter: 496203 Miles

In-Service Date: 07/28/2000

Task: 1 210	Engine	Department:	Service
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Complaint: Customer states there are 2 dusted cylinders due to hole in the intake piping

****Customer provided overhaul kit---in back of dump bed.****

Correction: 7/8/2025 3:04:12 PM 104 Steamed engine, pulled into shop. Disconnect batteries, drained coolant, engine oil. Removed A/F piping, turbo, high pressure fuel lines, exhaust manifold, valve covers, engine brakes and rocker shafts. Removed inlet and water manifolds. Unbolt and removed cylinder heads. inspect liners, all worn excessive. Removed oil pan, oil pump, all pistons and liners.

Inspect cylinder heads, found multiple valve seats leaking, advise to replace cylinder heads with overhaul.

7/16/2025 11:21:02 AM 104 Removed front grille and bug screen, removed CAC, pressure test, sent to be cleaned.

Disconnect and replaced water pump.

Cleaned and inspect cylinder block and counterbores.

Renewed crankshaft main bearings.

Installed six new cylinder kits and rod bearings, torqued.

Reinstalled piston cooling nozzles with new seals and bolts.

Installed reman oil pump, oil pan with new gasket and isolators.

Groomed reman heads, installed and torqued.

Installed exhaust manifold with new hardware, installed reman turbo.

Replaced injector nozzle orings and installed, installed new high pressure fuel lines.

Installed inlet and water manifolds. Renewed thermostat.

Installed push rods,

rockershafts and engine brakes. Adjusted and installed valve covers. Installed A/F, piping and CAC piping.

Changed oil filters, fuel filter, coolant filter, filled engine with 8.5 gallon 15/40 bulk oil.

Filled cooling system with new coolant.

Tried to bleed fuel system and prime, unable to get fuel to pick up, advised on failed supply pump, removed and replaced. Primed fuel system, started engine and checked operation.

Replaced missing bulbs for dash warning lights, reassembled dash. (was apart when brought in).

Road test, checked for leaks.

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Ext Price
	Job Sup	Job Supplies	Misc	1.00	329.11	329.11
	Enviro Fee	Environmental Fee	Misc	1.00	329.11	329.11
	732GB3491MX	REMAN CYL. HEAD E7 E	Part	EA	2.00	1,395.17
	732GB3491MX-C	REMAN CYL. HEAD E7 E	Inherent	2.00	930.00	1,860.00
	20901575	STUD	Part	EA	16.00	49.85
	20706063	FLANGE SCREW	Part	EA	6.00	4.89
	631GC5173AMX	TURBO	Part	EA	1.00	2,653.85
	631GC5173AMX-C	TURBO	Inherent	1.00	420.00	420.00
	25502340	WASHER	Part	EA	1.00	60.85
	25502342	WASHER	Part	EA	3.00	62.35
	25502341	WASHER	Part	EA	1.00	84.85
	25502343	WASHER	Part	EA	1.00	83.96
	62GB2396AP10	BEARING PAIR,CONN ROD-.01	Part	EA	1.00	81.65
	25113803	BEARING SHELL	Part	EA	1.00	78.85



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401	shirleym						
25121171	BEARING SHELL	Part	EA	1.00	34.17	34.17	
25503228	KIT	Part	EA	1.00	27.35	27.35	
21939298	OIL FILTER	Part	EA	2.00	28.17	56.34	
Oil/Grease	15W-40 engine oil	Misc		11.00	29.46	324.06	
Sublet	CAC clean/test (dusted)	Misc		1.00	300.00	300.00	
SEQ550041810	ROTELLA ELC NF 50/50	Part	GAL	10.00	17.65	176.50	
20988696	THERMOSTAT	Part	EA	1.00	68.99	68.99	
please ship to billings thanks							
20971050	NUT RETAINER	Part	EA	9.00	7.89	71.01	
20971050	NUT RETAINER	Part	EA	7.00	7.89	55.23	
please ship to billings thanks							
25096181	HOSE CLAMP	Part	EA	1.00	32.49	32.49	
25092338	HOSE CLAMP	Part	EA	2.00	34.49	68.98	
22893029	HOSE	Part	EA	1.00	48.17	48.17	
22893045	HOSE	Part	EA	1.00	56.49	56.49	
25096181	HOSE CLAMP	Part	EA	3.00	32.49	97.47	
25133921	ELBOW	Part	EA	1.00	64.65	64.65	
Frgt Trans	Branch Transfer Freight	Misc		1.00	26.16	26.16	
25502340	WASHER	Part	EA	1.00	60.85	60.85	
Frght In	Freight In	Misc		1.00	104.89	104.89	
25502340	WASHER	Part	EA	1.00	60.85	60.85	
Frght In	Freight In	Misc		1.00	23.00	23.00	
25502341	WASHER	Part	EA	2.00	84.85	169.70	
25502343	WASHER	Part	EA	2.00	83.96	167.92	
25503511	KIT	Part	EA	1.00	673.17	673.17	
745-110447	BASE GASKET	Part	EA	1.00	75.49	75.49	
20582207	WASHER	Part	EA	4.00	14.17	56.68	
20576436	NUT RETAINER	Part	EA	4.00	9.35	37.40	
25099934	STUD	Part	EA	4.00	35.96	143.84	
62GB2396AP10	BEARING PAIR,CONN ROD-.01	Part	EA	6.00	81.65	489.90	
Frght In	Freight In	Misc		1.00	23.00	23.00	
Frght In	Freight In	Misc		1.00	23.00	23.00	
732GB3491MX-C	REMAN CYL. HEAD E7 E	Part	EA	(2.00)	930.00	(1,860.00)	
Frght In	Freight In	Misc		1.00	108.79	108.79	
25121171	BEARING SHELL	Part	EA	(1.00)	34.17	(34.17)	
Frght In	Freight In	Misc		1.00	23.00	23.00	
25113803	BEARING SHELL	Part	EA	(1.00)	78.85	(78.85)	
20705619	FERRULE	Part	EA	2.00	7.54	15.08	
21938497	COOLANT FILTER	Part	EA	1.00	20.65	20.65	
631GC5173AMX-C	TURBO	Part	EA	(1.00)	420.00	(420.00)	
62GB2396AP10	BEARING PAIR,CONN ROD-.01	Part	EA	(1.00)	81.65	(81.65)	
20971050	NUT RETAINER	Part	EA	(4.00)	7.89	(31.56)	



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Customer P/O	Created By	Completion Date
401	shirleym	
20901575	STUD	Part EA (4.00) 49.85 (199.40)
25502340	WASHER	Part EA (2.00) 60.85 (121.70)
25502341	WASHER	Part EA (2.00) 84.85 (169.70)
25502342	WASHER	Part EA (3.00) 62.35 (187.05)
25502343	WASHER	Part EA (2.00) 83.96 (167.92)
85013282	PUMP, EXCH	Part EA 1.00 420.65 420.65
85013282-C	PUMP, EXCH	Inherent 1.00 108.00 108.00
20706231	GASKET	Part EA 1.00 9.17 9.17
25502422	FILTER	Part EA 1.00 44.49 44.49
85013282-C	PUMP, EXCH	Part EA (1.00) 108.00 (108.00)
1940-161	SIGNAL LAMP	Part EA 3.00 1.33 3.99
Task 1 Subtotals:		Parts: \$9,084.01
		Core Chg: \$2,388.00
		Core Ret: (\$2,388.00)
		Labor: \$11,700.00
		Miscellaneous: \$1,614.12
		Task 1 Totals: \$22,398.13

Task: 2 261

Radiator

Department: Service

Complaint: R&R radiator for clean/test

Radiator is plugged externally with signs of internal blockage

Correction: 7/29/2025 3:11:27 PM 104 Disconnect and removed radiator and sent out for service.

Assembled cooling package, mounted CAC to radiator with new hardware. Renewed radiator mounting bushings and reinstalled cooling package and connect.

Reinstalled bug screen and grille.

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Ext Price
	Job Sup	Job Supplies	Misc	1.00	35.44	35.44
	Enviro Fee	Environmental Fee	Misc	1.00	35.44	35.44
	Sublet	radiator clean/test	Misc	1.00	400.00	400.00
	35AX1589	WASHER	Part EA	4.00	6.96	27.84
	25089912	WASHER	Part EA	8.00	4.83	38.64
	25154754	SPACER	Part EA	8.00	4.92	39.36
	25089744	LOCK NUT	Part EA	2.00	5.31	10.62
	25086141	WASHER	Part EA	4.00	5.78	23.12
	25094039	FLANGE SCREW	Part EA	6.00	5.98	35.88
	25091850	WASHER	Part EA	2.00	5.25	10.50
	25098175	HOSE CLAMP	Part EA	2.00	16.35	32.70
	25163118	INSULATOR	Part EA	2.00	11.35	22.70
	25089307	WASHER	Part EA	2.00	7.35	14.70
Task 2 Subtotals:				Parts:	\$256.06	
				Labor:	\$1,260.00	
				Miscellaneous:	\$470.88	
				Task 2 Totals:	\$1,986.94	



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401	shirleym	

Task: 3 251 Inlet Manifold Department: Service

Complaint: CUSTOMER REQUEST:

Check intake piping for damage/holes causing dusting of engine

Correction: 7/29/2025 7:12:33 AM 104 Inspect air inlet system, inspect A/F, sealing surface was questionable, replaced filter with factory filter {Napa Installed}. Inspect air compressor inlet tube, found hole. Removed and replace tube, connection hoses and clamps. Renewed CAC hoses and clamps as needed. (cold side hoses installed on hot side).

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Ext Price
	Job Sup	Job Supplies	Misc	1.00	25.32	25.32
	Enviro Fee	Environmental Fee	Misc	1.00	25.32	25.32
	25173862	TUBE	Part EA	1.00	198.00	198.00
	Frght In	Freight In	Misc	1.00	46.00	46.00
	25164965	HOSE	Part EA	2.00	12.49	24.98
	85135344	HOSE CLAMP	Part EA	4.00	6.50	26.00
	25095670	ATTACHING CLAMP	Part EA	1.00	5.32	5.32
	25086470	FLANGE SCREW	Part EA	1.00	6.31	6.31
	25091850	WASHER	Part EA	1.00	5.25	5.25
	25174573	V-CLAMP	Part EA	1.00	54.85	54.85
	25071061	FILTER CARTRIDGE	Part EA	1.00	83.70	83.70

Task 3 Subtotals:	Parts:	\$404.41
	Labor:	\$900.00
	Miscellaneous:	\$96.64
Task 3 Totals:		\$1,401.05

Task: 4 420.1 Manual Transmission Department: Service

Complaint: CUSTOMER REQUEST:

Check operation of all pto controls and ensure they are mounted secuely

Correction: 8/2/2025 2:50:29 PM 104 Checked PTO operation, bed goes up and down.

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Ext Price
	Job Sup	Job Supplies	Misc	1.00	10.13	10.13
	Enviro Fee	Environmental Fee	Misc	1.00	10.13	10.13
	Frght In	Freight In	Misc	1.00	67.74	67.74

Task 4 Subtotals:	Parts:	\$0.00
	Labor:	\$360.00
	Miscellaneous:	\$88.00
Task 4 Totals:		\$448.00



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1015 58th Street West
WILLISTON, ND 58801

Customer P/O

401

Created By

shirleym

Completion Date

Customer Tax ID: 47-5311941

Totals

Total Parts:	\$9,744.48
Total Core Chg:	\$2,388.00
Total Core Ret:	(\$2,388.00)
Total EHC:	\$0.00
Total Labor:	\$14,220.00
Total Miscellaneous:	\$2,269.64
Invoice Subtotal:	\$26,234.12
Total Tax:	\$0.00
Invoiced Total:	\$26,234.12

Payment Method

Charge

Signature: _____

Date: _____