**Motion Mechanical** 

Service Order

233016 Hwy 519
Box 510
Nobleford, AB T0L 1S0, CA
accounting@motionmech.ca
587-800-0829



Authorizer

Customer PO

Invoice:

124124

Unit#

Date:

Service Writer

8/20/2025



Torme

Servi	ce Order	Terms	Due Date	Authorizer	Customer PO	Serv	ice writer	Unit#
73	9873	COD	8/20/2025	Jamie		Neu	dorf, Abe	
Item	Descript	ion				Quantity	Rate	Amount
Complaint	: HD Oil Chan	ge/Service, Full	Package					
Cause: Cu	stomer reques	st						
Labor	15W40 e	/ Chassis / HD S		e oil, change oil and fuel, inspect truck and to		2.54167	\$120.00	\$305.00
Parts	Detroit Di	iesel - Oil Filter h	Cit - DDE A4731800	909		1.00000	\$48.78727	\$48.79
Parts	Environm	nental Fee - ENV	/-1250			1.00000	\$1.25	\$1.25
Parts	Detroit Di	iesel - Fuel Filter	r Insert Kit - DDE A	4700903151		1.00000	\$130.98	\$130.98
Parts	Environm	nental Fee - ENV	/-1250			1.00000	\$1.25	\$1.25
Parts	5W40 Ro	otella T6 - Bulk -	SH500010133			40.00000	\$10.346	\$413.84
Parts	Environm	nental Fee, Oil - I	ENV-005			40.00000	\$0.05	\$2.00
							Subtotal	\$903.11
Complaint	: Clutch slippi	ng						
Cause: Cu	stomer reques	st						
(Inspection	)							
Labor	Correction	on:				13.00000	\$120.00	\$1,560.00

checked the clutch for adjustment and found it is not adjusting correctly

Chassis / Chassis / took unit for a road test could not make it slip without a load

no way to adjust a solo clutch manually so will need new clutch

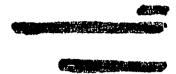
Due Date

removed driveshaft

removed exhaust

removed electronic clutch actuator (eca)

unbolted clutch



removed oil cooler lines and all wiring on sides bottom and top

removed all bell housing bolts and pulled trans

had to remove air tank on d/s to get trans out from under truck and both straps snapped

pulled flywheel replaced rear main seal

\* machined flywheel and reinstalled with new bolts and pilot bearing

torqued to spec

changed input shaft and bearing on trans

changed cross shafts bushings and shift fork

changed clutch brake

installed new clutch on trans

stabbed trans

bolted up all bell housing bolts with loctite

connected all wiring

bolted up clutch with loctite and new lock washers installed eca

installed oil cooler lines

installed exhaust

had to repair some broken bolts on stack shield

installed driveshaft

installed air tank with new straps - Completed: 8/20/2025

Parts	Clutch - SP 122002 35A	1.00000	\$4,061.12	\$4,061.12
Parts	Clutch Installation Kit - SP K4145CL	1.00000	\$1,024.788	\$1,024.79
Parts	Rear Main Seal - DDE A0159974946	1.00000	\$69.775	\$69.78
Parts	Pilot Bearing - 02-12176-000	1.00000	\$80.675	\$80.68
Parts	Flywheel Bolt - DDE A0029905500	12.00000	\$8.414	\$100.97
Parts	Retaining Cable - Air Tank - 12-21014-000	2.00000	\$23.0715	\$46.14
Parts	3/8-3/8 45 Degree Male Connector - G7046-06-06	1.00000	\$8.09745	\$8.10
Parts	Misc. Bolt/Fasteners - Misc. Bolt/Fasteners	12.00000	\$0.89	\$10.68
Parts	Misc. Cable Ties/Fasteners - Misc. Cable Ties/Fasteners	6.00000	\$0.58	\$3.48
			Subtotal	\$6,965.74

Unit: VIN: 3AKJGNDV5GDHD8453

2016 Freightliner SD122 Chassis: 1,654,581 Kilometres

Page: 3 of 4

\$1,865.00 Labor \$6,003.85 **Parts** \$111.90 **Shop Supplies** Pre-Charge Subtotal \$7,980.75 \$399.04 (5% of \$7,980.75) Total \$8,379.79 **Payments & Credits** \$0.00 \$8,379.79 **Balance Due** 

## Any wheels removed for work must be re-torqued within 150 kms.

GST#755125291-RT0001

TERMS: NET 30 DAYS FOLLOWING DATE OF INVOICE UNLESS OTHERWISE SHOWN. A SERVICE CHARGE OF 1.5% PER MONTH WILL BE CHARGED ON OVERDUE ACCOUNTS. AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON THE EQUIPMENT DESCRIBED ON THIS ORDER TO SECURE THE FULL AMOUNT OF SERVICES THERETO.

Customer Signature:		
Customer Standarde.		





## HD Oil Change/Service, Full Package

Completed Date: 8/18/2025
Unit: VIN: 3AKJGNDV5GDHD8453
Year/Make/Model: 2016 Freightliner SD122

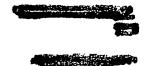
Chassis Kilometres: 1,654,581 Kilometres (8/18/2025)
Engine Hours: No recorded.
Service Order: 739873

Motion Mechanical 233016 Hwy 519 Nobleford, AB T0L 1S0, CA accounting@motionmech.ca

Chassis: 3AKJGNDV5GDHD8453 2016 Freightliner SD122

Procedure	Result	Procedure	Result	Procedure	Result
Check Starter Operation	Satisfactory	2. Check all gauges - charge rate	Satisfactory	3. Check engine operation	Satisfactory
4. Check clutch operation	Satisfactory	5. Check foot brake operation	Satisfactory	6. Check park brake operation	Satisfactory
7. Check A/C and heater controls	Satisfactory	Check W/S wiper and and washer operation	Satisfactory	9. Check glass and mirrors	Satisfactory
10. Check air/electric horn	Satisfactory	11. Check all lights and reflectors	Satisfactory	12. Check steering operation	Satisfactory
13. Check tire condition and air pressure/record on back	Satisfactory	14. Check suspension	Satisfactory	15. Check wheels and lugs	Satisfactory
16. Check wheel seals	Satisfactory	17. Check transmission and diffs for leaks	Satisfactory	18. Check drive lines and U-joints	Satisfactory
19. Check fifth wheel and mounting	Satisfactory	20. Check mud flaps and brackets	Satisfactory	21. Check engine for oil leaks	Satisfactory
22. Check Transmission oil and differential levels	Satisfactory	23. Check Coolant Level	Satisfactory	24. Check Power Steering fluid level and misc.	Satisfactory
25. Check cooling system for leaks	Satisfactory	26. Check all belts	Satisfactory	27. Check exhaust system	Satisfactory
28. Check air intake system	Satisfactory	29. Fifth wheel grease	Satisfactory	30. Check fuel tank straps	Satisfactory
31. Double Check Oil/Coolant level	Satisfactory	32. Check Oil Pressure on Startup	Satisfactory	33. Put a service sticker in window	Completed

Technician: Daniel Den Dekker Digital Signature: Daniel Den Dekker Date: 8/18/2025



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Brennan LeBlanc
Divisional Operations Manager
Western Canada Agriculture