





# Repair Order



Problem(s) Driver side door panel hanging

Driver

Tech Steve

Unit 217 Male 10/10

Tune-up 5 Oil change 5

Minor overhaul 5

Major overhaul 5

Fuel filter(s) 5

Description of work

Noticed 3 inside doors had come

undone. Put them back together on 1

set taper w/ washer.

Date 8/15/2003

Date completed

Mileage 429,908

Hours

Minutes

Total parts

Approved by

Name:

Signature:

Total Time



# Oil Analysis Report

Bottle Ref: 1

0 = New or Rebuilt Machine  
1 = Healthy Machine  
2 = Minor or Suspect Problem  
3 = Definite Problem  
4 = Serious Problem



Date: 18 August 2023  
Site: Ramsey Hill Exploration, LLC  
Plant: Gillette Shop  
Unit: Unit No. 217  
Machine: Volvo- Engine  
Lubricant: Guardol 15W-40

## DIAGNOSIS:

Wear and contaminant levels are acceptable.

## RECOMMENDED ACTION:

Continue with regular maintenance and monitoring.

## SAMPLE DETAILS

Date of Sample: 18 Aug 23  
Sample No: GIL-356967  
Fluid/Filter Changed (Yes or No): Y/N  
Equipment Hrs: 425417

## WEAR METALS

LIMIT

Lead (Pb): 19  
Iron (Fe): 55  
Aluminum (Al): 24  
Copper (Cu): 36  
Chromium (Cr): 15  
Tin (Sn): 15  
Nickel (Ni): 4  
Silver (Ag): 6

## CONTAMINANTS

Silicon (Si): 19  
Sodium (Na): 23  
Potassium (K): 7

## ADDITIVES

Titanium (Ti): 9  
Magnesium (Mg): 72  
Zinc (Zn): 1243  
Calcium (Ca): 2173  
Phosphorous (P): 1155

## PHYSICALS

Viscosity (cSt at 40°C): L 97.8, U 126.5  
Viscosity (cSt at 100°C): L 14.0, U 17.1  
Viscosity Index: 128  
Water (ppm): 325  
Fuel Dilution (%): 1.30  
Total Base Number (mg KOH/g): 3

## INFRA RED

Oxidation (Abs/mm²): 23.60  
Nitration (Abs/mm²): 22.50  
Sulphation (Abs/mm²): 25.60  
Glycol (% wt): 0.50  
Soot (% wt): 0.47



Præ

| Qty                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Part no | Description         | Price | Amount | Problem(s)   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------|-------|--------|--------------|
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         | dps sensor          |       |        | DEF Problems |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         | differential presur |       |        |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                     |       |        |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                     |       |        |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                     |       |        |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                     |       |        |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                     |       |        |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                     |       |        |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                     |       |        |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |                     |       |        |              |
| Total parts                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         |                     |       |        |              |
| <div> <div>Driver Jess</div> <div>Tech Gibson</div> <div>Unit 217</div> <div>Make Volvo</div> <div>Year 2015</div> <div>Turn-up <input type="checkbox"/></div> <div>Oil change <input type="checkbox"/></div> <div>Minor overhaul <input type="checkbox"/></div> <div>Major overhaul <input type="checkbox"/></div> <div>Fuel filter(s) <input type="checkbox"/></div> </div> <div> <div>Date 6-30-23</div> <div>Date completed 6-30-23</div> <div>Mileage 400,703</div> </div> |         |                     |       |        |              |
| <div> <div>• diagnose problems</div> <div>• did a def drain test to unplug 7th injector and all the codes finally great.</div> <div>• AE- Installed delete plug and trk did great.</div> <div>• Also did a SCR regen on trk and dpf regen on trk.</div> </div>                                                                                                                                                                                                                  |         |                     |       |        |              |
| <div> <div>Approved by</div> <div>Name:</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                            |         |                     |       |        |              |
| <div> <div>Signature: [Signature]</div> <div>Total Time 10</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                         |         |                     |       |        |              |

# Repair Order

Run 5" flay from Turbo to stack

PHOEX

Driver: Kyle  
Tech: 2117  
Unit: Wake  
Date: 7/1/23  
Date completed: 7/1/23  
Mileage: 409703

Description of work:

Exhaust inspected,  
Need 4" Flange to 5" straight  
exhaust adapt-

Approved by:

Name:

Signature:

Total Time

2

hrs mins

# Repair Order

| Qty                                                                                                                                                                                                                                                                                                         | Part no    | Description | Price | Amount | Problem(s)                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|-------|--------|------------------------------------------------------------------------------------|
| 3                                                                                                                                                                                                                                                                                                           | EE-555     | Clamps      |       |        | Exhaust Reroute                                                                    |
| 1                                                                                                                                                                                                                                                                                                           | 733-5976   | Clamp       |       |        |                                                                                    |
| 5                                                                                                                                                                                                                                                                                                           | Flare pipe |             |       |        |                                                                                    |
|                                                                                                                                                                                                                                                                                                             |            |             |       |        |                                                                                    |
|                                                                                                                                                                                                                                                                                                             |            |             |       |        |                                                                                    |
| <div> <div>Driver</div> <div>Tech Kyle Cooper</div> <div>Unit A17 Make Volvo Year 2015</div> <div>Tune-up <input type="checkbox"/> Oil change <input type="checkbox"/> Minor overhaul <input type="checkbox"/> Major overhaul <input type="checkbox"/> Fuel filter(s) <input type="checkbox"/></div> </div> |            |             |       |        | <div>Date 7/5/23</div> <div>Date completed 7/5/23</div> <div>Mileage 40970.5</div> |
| <div> <div>Description of Work</div> <div> <p><del>1.5 hr</del></p> <p>Took out DPF filter</p> <p>Now the tubing from turbo to stack</p> </div> </div>                                                                                                                                                      |            |             |       |        | <div>Hrs 2</div> <div>Mins</div>                                                   |
| <div> <div>Approved by</div> <div>Name:</div> </div>                                                                                                                                                                                                                                                        |            |             |       |        | <div>Total Time</div>                                                              |
| <div> <div>Signature:</div> <div>Total parts</div> </div>                                                                                                                                                                                                                                                   |            |             |       |        |                                                                                    |



THE

[illegible]







**FILE**

|                                                                                               |  |            |  |
|-----------------------------------------------------------------------------------------------|--|------------|--|
| Name: _____                                                                                   |  |            |  |
| Signature:  |  | Total Time |  |



## Repair Order

[illegible]

# Repair Order



Problem(s) Yoke broke in clutch

Driver Mike Weger

Date 1-23-23

Tech Jim

Date completed 1-24-23

Unit 217

Make Volvo

Year 2014

Mileage 369483

Tune-up ☐

Oil change ☐

Minor overhaul ☐

Major overhaul ☒

Fuel filter(s) ☐

Description of work

Hrs Mins

Drive to school in personal pickup to work on  
Yoke get yoke & seal in clutch. Put in yoke & seal  
Reinstall yoke seal & yoke. Couldn't get yoke out  
of drive line so it to shop had to work on getting  
Yoke out of drive line. Had to work on getting  
clean up from & seal truck out

Approved by

Name: Kevin Wolfe

Signature: [Signature]

Total Time

9

Total parts

Notes

# Repair Order



Problem(s) *Water/Fuel Sep freezing up*

Driver

Date

Tech *Tyler*

Date completed *12.26.23*

Unit *217*

Make *Volvo*

Year *2015*

Mileage

Tune up ☐

Oil change ☐

Minor overhaul ☐

Major overhaul ☐

Fuel filter(s) ☐

Description of work

Hrs Mins

*Charged out Water/Fuel Sep outtop of Driveway*

*1*

Approved by

Name: *Kevin Wolfe*

Signature: *[Signature]*

Total Time

*1*

Total parts

Notes

Qty

Part no

Description

Price

Amount

*1*

*601005*

*Water/Fuel*

# Repair Order



Qty Part no Description Price Amount

Problem(s)

*Driver window cing*

Driver

Date

Tech *Jim*

Date completed *2/14/23*

Unit *217*

Make *Volvo*

Year *2015*

Mileage

Tune-up ☐

Oil change ☐

Minor overhaul ☐

Major overhaul ☐

Fuel filter(s) ☐

Description of work

Hrs Mins

*Pulled down of part Found wire  
followed up ~~with~~ wires & minor wires 3  
bottom splined back together & tested  
all worked*

Total parts

Notes

Approved by

Name:

*Kevin White*

Signature:

*[Signature]*

Total Time

# Repair Order

| Qty                                  | Part no  | Description                     | Price | Amount | Problem(s)                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------|----------|---------------------------------|-------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                    | 22105288 | Mass air flow sensor            |       |        | Truck Derating                                                                                                                                                                                                                                                                                                                                                         |
| 1                                    | 20441824 | Air restriction line on air box |       |        |                                                                                                                                                                                                                                                                                                                                                                        |
|                                      |          |                                 |       |        | Driver <del>Mike</del> Lester<br>Tech <del>Stetson</del> Joey<br>Unit 217 Make Volvo Year 2015<br>Tune up <input type="checkbox"/> Oil change <input type="checkbox"/> Minor overhaul <input checked="" type="checkbox"/> Major overhaul <input type="checkbox"/> Fuel filter(s) <input type="checkbox"/><br>Date 2-18-23<br>Date completed 2-18-23<br>Mileage 372,416 |
|                                      |          |                                 |       |        | Description of work<br>• Plugged Computer in and seen it was throwing EGR differential pressure sensor and EGR Fuel pressure sensor<br>• located both sensors and sprayed them out with electric clean and put die electric grease on connectors and codes went away.<br>• Installed new mass air-flow sensor and Air restriction line                                 |
|                                      |          |                                 |       |        | Approved by<br>Name: Kevin Wolfe<br>Signature:                                                                                                                                                                                                                                      |
|                                      |          |                                 |       |        | Total Time<br>2                                                                                                                                                                                                                                                                                                                                                        |
| Notes                                |          |                                 |       |        |                                                                                                                                                                                                                                                                                                                                                                        |
| Total parts                          |          |                                 |       |        |                                                                                                                                                                                                                                                                                                                                                                        |
| driver side window not rolling down, |          |                                 |       |        |                                                                                                                                                                                                                                                                                                                                                                        |



# Repair Order



Qty Part no Description Price Amount

Problem(s)

Bad tire

Driver

Date 3/9/23

Tech Joseph

Date completed

Unit 217

Make Volvo

Year 2014

Mileage 377189

Tune-up ☐

Oil change ☐

Minor overhaul ☐

Major overhaul ☐

Fuel filter(s) ☐

Description of work

Hrs Mins

changed Tires on front & dolly

20

Total parts

Approved by

Name:

*[Signature]*

Signature:

Total Time

20

Notes back lights not working on dolly





