

Customer Name : Serial No: 472907s0133690
DE 13 D472907 DETROIT SERIES DD15 DD15

R.O No. : B33053 R.O Date : 29/11/21 Dept : S
RO total 692.54 Kilometres: 1699979 Advisor No. : 4532
Cus total 0.00 War total 0.00 Int total 692.54

Job number : 1 Operation 01DEZZZZZ001 Op. Desc. ENGINE REPAIR
Sale type : I Technician No(s). 002037 4353 001539 000059
Complaint : DIAG USING OIL-Eng rebuild on 7/04/2021 B28575 @1616036 Kms
-Its going through 5-6L of engine oil every 1-2 weeks. I
have a complaint on the 16/7/2021 for using 6L of engine
oil in 16000km B30409.
-This truck also has had valve stem seals replaced on
26/08/2021 B31183.

ALSO USING COOLANT ABOUT 10L

Correction : Drain coolant, remove EGR actuator & valve, remove turbo
and remove exhaust manifold to inspect for evidence of oil
in manifold - none found. Clean exhaust manifold mounting
surfaces, inspect APT & gearbox - check APT pressure line
for blockages - all okay. Refit exhaust manifold with new
gaskets, refit turbo, EGR valve & actuator, refit all other
parts removed for repairs, refill coolant, carry out
cooling system pressure test - okay, check oil level - was
on full mark, steam clean engine and road test, re-check,
all okay. COULD NOT FAULT.

HSS - 11/01 - No fault found for oil consumption
- No Oil consumption sheet in job packet
- No details of engine oil being used
- Trip activity from 26.08.21 to 29.11.21 shows 13% Idle &
50% Avg. drive load - Would this indicate that load is not
enough (rings not bedded in) ?

R.O No. : B31183 R.O Date : 23/08/21 Dept : S
RO total 2,646.50 Kilometres: 1653171 Advisor No. : 4532
Cus total 0.00 War total 2,646.50 Int total 0.00

Job number : 1 Operation 05WSZZZZZ002 Op. Desc. ENGINE MECHANICAL
Sale type : W Technician No(s). 001658 002045 999415 001231 0
Complaint : ENGINE USING OIL - Its going through 5-6L of engine oil
every 1-2 weeks. I, have a complaint on the 16/7/2021 for
using 6L of engine, oil in 16000km
ALSO SEEMS TO BE LOOSING OIL PRESSURE ON HILLS
Cause : Cylinder head valve stem seal not sealing/seating correctly
Correction : Have previously carried out cylinder compression test and
crankcase pressure test - found okay.

Plug in laptop, download reports, inspect engine, found oil
leak at top of turbo possibly coming from exhaust manifold
mount, remove intake & exhaust piping to turbo, inspect
turbo exhaust port - noticed oil traces. Drain coolant,

remove heatshield and turbo assy - found oil at mounting flange, remove EGR valve and actuator, remove exhaust manifold assy -found traces of oil in manifold bellows and also in exhaust port. Involve technical support and inspect - found oil passing valve stem seals. Also remove APT assy and inspect for any oil leak past seal - no fault found. Remove radiator cross stays, heater lines and air compressor coolant line, remove rocker cover, remove injector harnesses, intake & exhaust rocker shafts. Set #1 cylinder @ TDC, remove intake and exhaust valve springs on #1, remove and replace valve stem seals on all valves and refit valve springs. Continue and replace valve stem seals on all cylinders barring them to TDC for each cylinder. Refit rocker shafts and carry out engine tune, refit injector harnesses and all other parts removed for repairs. Clean out oil and refit exhaust manifold, EGR actuator, EGR valve, APT assy and Turbo assy. Refit all piping etc, refill coolant and top up to correct level, top-up engine oil to correct level, steam clean engine and road test. Advise customer to monitor.

Engine rebuild on DBCSB28575 dated 18.05.21 at 1616036 Kms and failed on 23.08.21 at 1653171 Kms

Warranty : claim No. Operation no. Claim no. Operation no.
 B31183-1 756-6015A

 R.O No. : B28575 R.O Date : 07/04/21 Dept : S
 RO total 38,623.16 Kilometres: 1616036 Advisor No. : 4532
 Cus total 38,056.09 War total 567.07 Int total 0.00

Job number : 1 Operation 01DEZZZZZ001 Op. Desc. ENGINE REPAIR
 Sale type : C Technician No(s). 001517 001231 001538 999604 0
 Complaint : ENGINE REBUILD

Job number : 2 Operation 79DED15001110 Op. Desc. D2OR2 RECALL 2 FILTR
 Sale type : W Technician No(s). 001517
 Complaint : CARRIED OUT ON LINE #3

Warranty : claim No. Operation no. Claim no. Operation no.
 B28575-1 79DED15001110

Job number : 3 Operation 79DED15001112 Op. Desc. D2OR2 RECALL 3 FILTR

 Sale type : W Technician No(s). 001517
 Complaint : Removal of Severe Duty High Pressure
 Fuel Rail Feed Lines - Three-Filter System
 Cause : Factory request
 Correction : Remove and replace HP line kit as per recall D20R2, mark
 with movement detection paint and take photos, validate
 repairs after steam clean and road test.

Warranty : claim No. Operation no. Claim no. Operation no.
 B28575-1 79DED15001112

Job number : 4 Operation 88DED15001001 Op. Desc. STEP UP 1 OVERHAUL
 Sale type : C Technician No(s). 001887 999604 001407

Job number : 5 Operation 05DED15001001 Op. Desc. REMOVE AND REFIT RADIATOR
 Sale type : C Technician No(s). 001540 001517 001887

Job number : 6 Operation 07DED15001011 Op. Desc. R&R 120 PIN HARNESS
 Sale type : C Technician No(s). 001540

Job number : 7 Operation 88DED15001019 Op. Desc. ADD REAR WELL SUMP G
 Sale type : C Technician No(s). 001517

Job number : 8 Operation 88DED15001026 Op. Desc. ADD R&R COMM HP IN P
 Sale type : C Technician No(s). 001887

Job number : 9 Operation 04DED15001002 Op. Desc. RESEAL OIL COOLANT M
 Sale type : C Technician No(s). 001887

Job number : 10 Operation 04DED15001007 Op. Desc. R&R BREATHER ASSY
 Sale type : C Technician No(s). 001887

Job number : 11 Operation 01DED15001001 Op. Desc. REMOVE AND REFIT ENGINE FROM C
 Sale type : C Technician No(s). 001517 4458

Job number : 12 Operation 01DED15001011 Op. Desc. REMOVE AND RESEAL FL
 Sale type : C Technician No(s). 001887

Job number : 13 Operation 09DED15001003 Op. Desc. CLUTCH R&R DD15 EASY
 Sale type : C Technician No(s). 001887 001407

Job number : 14 Operation 01DED15001029 Op. Desc. REPLACE FRONT CRANK
 Sale type : C Technician No(s). 001887

 Job number : 15 Operation 01DEZZZZZ002 Op. Desc. ENGINE REPAIR
 Sale type : C Technician No(s). 001517 001231 001887
 Complaint : ADDITIONAL PARTS NOT INCLUDED IN STEP 1 REBUILD

Job number : 16 Operation 01DEZZZZZ003 Op. Desc. ENGINE REPAIR
 Sale type : I Technician No(s). 001517
 Complaint : CORES AND NEW PARTS RETURN

Job number : 17 Operation 14DEZZZZZ001 Op. Desc. MAINTENANCE REPAIR
 Sale type : C Technician No(s). 001887 001517
 Complaint : REFER ASH RIDDOCK

Job number : 18 Operation 05DEZZZZZ003 Op. Desc. COOLING SYSTEM REPAIR
 Sale type : C Technician No(s). 001887
 Complaint : HEADER TANK REPAIR - SUBLET

 R.O No. : B25952 R.O Date : 09/11/20 Dept : S
 RO total 447.46 Kilometres: 908370 Advisor No. : 4532
 Cus total 0.00 War total 447.46 Int total 0.00

Job number : 1 Operation 79DED15001003 Op. Desc. D19R5B Inspection
 Sale type : W Technician No(s). 001911 001795
 Complaint : This RO has been created to incorrect Engine Sl #.

It should be 472907S0082382 (BJ9082)

996-R195B Inspection Only.

Use this operation for vehicles in Group B where inspection was performed and no additional repairs were needed.

Cause : Factory request

Correction : 10/11 - Carry out HP line inspection as per recall D19R5B and unable to read date code, remove passenger seat & hump, remove and replace HP line kit as per recall, mark fuel rail .

Warranty : claim No. Operation no. Claim no. Operation no.
 B25952-1 79DED15001003

Comments : HSS 28/1 - Left on Jenos desk- 472907S0082382 / 5KKJAEDR1CPBJ9082 ASH RIDDICK 0481008458

 R.O No. : B22717 R.O Date : 27/04/20 Dept : F
 RO total 911.98 Kilometres: 15274110 Advisor No. : 000232
 Cus total 911.98 War total 0.00 Int total 0.00

Job number : 1 Operation 01DEZZZZZ001 Op. Desc. ENGINE REPAIR
 Sale type : C Technician No(s). 001517
 Complaint : ENGINE CRANKS BUT NO START.

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Cause : CPC TERMINALS ERRODED.
Correction : Attended breakdown at Yatala.
truck won't start but carnaks. Checked all fuses and relay around bonnet and cab. Got DDEC report out of the truck. Got trouble shooting guide and followed accordingly. MCM was not read by CPC. Removed CPC #4 plug and cleaned the corroded pin with brake clean, plugged it back on and check CMC reading online, MCM online. Started the engine and it started. Tidied up the truck and released truck. Deleted all fault codes.

Comments : VEHICLE AT ALDI DC OFF BURNSIDE ROAD YATALA.

R.O No. : B16019 R.O Date : 30/04/19 Dept : S
RO total 13,240.25 Kilometres: 1400758 Advisor No. : 000232
Cus total 13,240.25 War total 0.00 Int total 0.00

Job number : 1 Operation 05WSZZZZZD Op. Desc. ENGINE MECHANICAL
Sale type : C Technician No(s). 001550 999604 001723 999738
Complaint : CONCERN: Engine oil leaks at sump or bell housing,
possible leak from
2nd manifold.

Cause : CAUSE: Flywheel housing leak, cam box oil leak, intake manifold leak, and adaptor mounts unserviceable, hunting QCV, input shaft unserviceable, clutch unserviceable, oil pressure sender leak.

Correction : CORRECTION: Received truck, diagnosed. Received parts, removed gearbox and flywheel housing, clean up, fit new seal and gaskets, machine flywheel and fit new input shaft unit and new clutch, fit sump, new gasket, remove cambox. Found intake valve riding/valve recession, preform measure, fit new gasket and tune. Fit rocker cover, remove oil cooler, module, fuel module, and intake manifold, reseal manifold and fit oil coolant module, fit oil pressure sender and fit new QCV. Fit all accessories, fit gearbox and new mounts, DPF and cross members. Prime oil and fuel and fill with coolant. Start and run, wash truck, test drive, all ok, no leaks, return to service.

CONCERN: Radiator mounts worn.

CAUSE: Worn mounts.

CORRECTION: Inspected, removed top and bottom radiator hoses. Remove ac lines and condenser from radiator, removed radiator stags, removed boost hoses, removed horn wiring, removed bonnet springs, removed fan, removed bottom radiator mount bolts, lifted radiator, removed and replaced mounts, reassembled, all ok.

R.O No. : B13277 R.O Date : 20/11/18 Dept : S
RO total 780.85 Kilometres: 1331773 Advisor No. : 001377
Cus total 780.85 War total 0.00 Int total 0.00

Job number : 1 Operation 01DEZZZZZ001 Op. Desc. ENGINE REPAIR
Sale type : C Technician No(s). 001672
Complaint : egr fault codes - inspect
driver to wait with truck
Cause : egr actuator rod failure
Correction : coolant test done: 49%
connected scan tool
found egr related codes
found egr actuator rod failed
replaced and cleared codes
road tested - all ok

R.O No. : 83252 R.O Date : 19/01/17 Dept : S
RO total 4,925.51 Kilometres: 998493 Advisor No. : 12039
Cus total 0.00 War total 4,873.32 Int total 52.19

Job number : 1 Operation 01DEZZZZZ001 Op. Desc. ENGINE REPAIR
Sale type : W Technician No(s). 000095 4458
Complaint : CODES.
Cause : EGR valve actuator binding resulting in consequential damage to
the DPF filter.
Correction : Connect to DDDL to check for codes, found code on EGR Valve
Actuator, No Failsafe Mode, Motor Off (2791/14) - ACTIVE; EGR
Valve Actuator, Failsafe Mode, Motor Off(2791/9) - ACTIVE; and DP
Ash Clean Request (3720/15). Carry out troubleshooting on the EGR
codes, check EGR actuator and found binding. Check DPF due to
codes and found honeycomb filter falling apart. DPF failure was
consequential to EGR actuator failure. Replace EGR actuator and
DPF filter. Carry out parked regen. Wash and road test.
actuator.

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Warranty : claim No. Operation no. Claim no. Operation no.
B3252-1 101-616#E

Job number : 2 Operation 07DED15001065 Op. Desc.
Sale type : W Technician No(s). 4458 000095
Complaint : EXHAUST LEAK.
Cause : EGR valve passing soot through shaft due to excessive play.
Correction : Drain coolant and replace EGR valve.

Warranty : claim No. Operation no. Claim no. Operation no.
B3252-2 101-6115E

Job number : 3 Operation 12DE Op. Desc. Engine Brake
Sale type : W Technician No(s). 4458
Complaint : WEAK JAKES.
Cause : Jake solenoids passing oil.
Correction : Remove rocker cover and check jakes, found both jake solenoids
passing oil. Replace both jake solenoids and reinstall rocker
cover. Jake brake found good during road test.

Warranty : claim No. Operation no. Claim no. Operation no.
B3252-3 12DE

Job number : 4 Operation 01DEZZZZZ003 Op. Desc. ENGINE REPAIR
Sale type : I Technician No(s). 000095
Complaint : INTERNAL CHARGES.

R.O No. : 1561881 R.O Date : 27/05/16 Dept : S
RO total 9,931.85 Kilometres: Advisor No. :
Cus total 9,931.85 War total Int total

Job number : 1 Operation G001 Op. Desc.
Sale type : Technician No(s).

Job number : 2 Operation G003 Op. Desc.
Sale type : Technician No(s).

Job number : 3 Operation A105 Op. Desc.
Sale type : Technician No(s).

Job number : 4 Operation A118 Op. Desc.
Sale type : Technician No(s).

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Job number : 5 Operation A135 Op. Desc.
Sale type : Technician No(s).

Job number : 6 Operation A139 Op. Desc.
Sale type : Technician No(s).

Job number : 7 Operation L011 Op. Desc.
Sale type : Technician No(s).

Job number : 8 Operation M083 Op. Desc.
Sale type : Technician No(s).

Job number : 9 Operation M092 Op. Desc.
Sale type : Technician No(s).

Job number : 10 Operation G010 Op. Desc.
Sale type : Technician No(s).

Job number : 11 Operation E059 Op. Desc.
Sale type : Technician No(s).

Job number : 12 Operation E068 Op. Desc.
Sale type : Technician No(s).

Job number : 13 Operation E070 Op. Desc.
Sale type : Technician No(s).

Comments : OIL LEAK AT REAR HOUSING AND COOLANT MODULE.

- Flywheel housing and oil sump fretted at mating surface; replace flywheel housing and oil sump and reseal.
- Oil coolant module fretted at mating surface with block; replace module and gasket.
- Crankcase breather pass'ing oil; replace breather and gasket.
- HP fuel pump camshaft oil seal passing oil; remove hp fuel pump and replace shaft oil seal.
- Air compressor mounting o-rings passing oil; replace o-rings.
- Injector harness was leaking oil through to 120-pin harness; replace both harness on 50 per cent of harness cost c

Engine hunting due to QCV current was erratic causing fluctuations in the fuel rail pressure; replace QCV and reset l

CHARGED REPAIRS:

Code on Idle Validation Switch 1 Circuit Failed High (558/3). TPS circuit failure. Carry out hard wire on TPS circuit
Replace air compressor unloader valve per customer's instruction.
Carry out engine tune-up.

R.O No. : 1559069 R.O Date : 23/02/16 Dept : S
RO total 2,798.59 Kilometres: Advisor No. :
Cus total 2,798.59 War total Int total

Job number : 1 Operation E058 Op. Desc.
Sale type : Technician No(s).

Job number : 2 Operation G001 Op. Desc.
Sale type : Technician No(s).

Job number : 3 Operation G002 Op. Desc.
Sale type : Technician No(s).

Comments : EXHAUST LEAK.
Joint at turbo center housing with turbine passing exhaust gases through the clamp. Remove and replace turbocharger.
Travelled to customer's site in Warwick QLD to carry out repair.

R.O No. : 1536038 R.O Date : 23/02/15 Dept : S
RO total 124.48 Kilometres: Advisor No. :
Cus total 124.48 War total Int total

Job number : 1 Operation WAR1 Op. Desc.
Sale type : Technician No(s).

Comments : complaint: engine revs up and down on its own.
cause: intake throttle valve sticking.
correction: drove to Huntingwood and inspect truck intake throttle valve failed remove and fitted new valve. start an

R.O No. : 1453163 R.O Date : 23/09/14 Dept : S
RO total 1,345.83 Kilometres: Advisor No. :
Cus total 1,345.83 War total Int total

Job number : 1 Operation M069 Op. Desc.
Sale type : Technician No(s).

Job number : 2 Operation G001 Op. Desc.
Sale type : Technician No(s).

Job number : 3 Operation I023 Op. Desc.
Sale type : Technician No(s).

Job number : 4 Operation F015 Op. Desc.
Sale type : Technician No(s).

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Job number : 5 Operation M076 Op. Desc.
Sale type : Technician No(s).

Job number : 6 Operation A105 Op. Desc.
Sale type : Technician No(s).

Job number : 7 Operation G002 Op. Desc.
Sale type : Technician No(s).

Comments : Oil Leak at rear of engine.
- replaced rear main seal sump gasket and flywheel housing gasket; resealed housing.
- replaced fuel pump leaking at tell-tale hole.
- replace air compressor mounting o-rings passing oil.
Carried out DPF filter check and found cracked. For rebooking for DPF replacement.
Replaced coolant filter clutch spigot bearing and grease fitting.

R.O No. : 1414727 R.O Date : 05/08/14 Dept : S
RO total 90.01 Kilometres: Advisor No. :
Cus total 90.01 War total Int total

Job number : 1 Operation G001 Op. Desc.
Sale type : Technician No(s).

Comments : Fuel Leak at fuel pipe behind fuel module
- replaced fuel line.

R.O No. : 1348858 R.O Date : 04/04/14 Dept : S
RO total 465.18 Kilometres: Advisor No. :
Cus total 465.18 War total Int total

Job number : 1 Operation G001 Op. Desc.
Sale type : Technician No(s).

Job number : 2 Operation E059 Op. Desc.
Sale type : Technician No(s).

Job number : 3 Operation A102 Op. Desc.
Sale type : Technician No(s).

Comments : - Engine hunting due to faulty QCV.
Replaced QCV.
- Engine oil Leaks
Replaced cambox seal

Replaced oil/coolant module gasket
Replaced sump gasket.

R.O No. : 1169974 R.O Date : 27/06/13 Dept : S
RO total 85.10 Kilometres: Advisor No. :
Cus total 85.10 War total Int total

Job number : 1 Operation E056 Op. Desc.
Sale type : Technician No(s).

Job number : 2 Operation M018 Op. Desc.
Sale type : Technician No(s).

Comments : 1 - CARRIED OUT TUNE UP
2 - CARRIED OUT DD15 RECALIBRATION PROGRAM
TRAVELLED TO SITE AND CARRIED OUT REPAIRS AS REQUESTED.
(O/N: GJL06526N)

R.O No. : 1103851 R.O Date : 10/04/13 Dept : S
RO total 2.38 Kilometres: Advisor No. :
Cus total 2.38 War total Int total

Job number : 1 Operation G001 Op. Desc.
Sale type : Technician No(s).

Comments : Check Engine light coming on.
Nut missing from EGR valve actuator causing linkage to come off. Refitted linkage and tensioped new nut to spec.

R.O No. : 1080388 R.O Date : 20/03/13 Dept : S
RO total 8.67 Kilometres: Advisor No. :
Cus total 8.67 War total Int total

Job number : 1 Operation G001 Op. Desc.
Sale type : Technician No(s).

Job number : 2 Operation G002 Op. Desc.
Sale type : Technician No(s).

Comments : Travelled to Warwick QLD to render service.
Oil coming from front of engine.
Inner seal of front crank rolled. Replaced front crank seal.

Customer RO history total 67,841.26
Warranty RO history total 8,534.35
Internal RO history total 744.73

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Complete RO history total

77,120.34
