

Townsville: 74-76 Northern Link Cct, Shaw (Bohle) Q 4818
 Ayr: 9 Bird St, Ayr Q 4807
 Postal Address: PO Box 766, Deeragun Q 4818
 Phone: (T) 4789 4888 (A) 4783 5233 Email: info@fabbrodiesel.com.au
 Authorisation Number: AU61212
 ABN: 75 617 303 527



CUSTOMER JOB NO. 31874

Shane W & Glenda M Pattel
 1 Constable Court
 KIRWAN QLD 4817

Site: 822WUG
 Order No.:

Description

Work requested: Replace Injector Sleeves & Relief Valve (after test drive)

Hours: NA

Kilometres: 1,174,178

29/9/23 - 4/10/23

Vehicle was booked into FDS Townsville workshop with hard starting. Proceed to troubleshoot symptoms and found that the injector sleeves were at fault. Proceeded to remove rocker cover and rocker gear. Removed injectors and found that number 6 was seized into the sleeve and could not be removed. Advise customer that the cylinder head would need to be removed. Time engine and disconnect plumbing and wiring. Removed cylinder head and cleaned deck surface. Inspected bores and pistons for reuse. Ok. Removed number 6 injector and cleaned and inspected head for reuse. Ok. Ordered new parts required for repair. Proceeded to remove and replace all injector sleeves with new. Installed cylinder head and torqued bolts. Assembled engine with new parts listed and correct torque and installation procedures. Filled coolant and prime fuel system. Start and run engine. Capped off and hose to exhaust brake. Rolled bonnet. Capped hose off. Degreased engine bay and test drove truck. Checked over engine for leaks and proper operation. All ok.

Item	Quantity	Unit Price	Total
Consumables	1.00	\$25.00	\$25.00
Freight	1.00	\$70.00	\$70.00
Sealing Strip	1.00	\$294.47	\$294.47
Injector Sleeve	6.00	\$119.36	\$716.16
Sealing Ring	2.00	\$9.12	\$18.23
Sealing Ring	1.00	\$19.14	\$19.14
Overflow Valve	1.00	\$167.36	\$167.36
Gasket	2.00	\$9.61	\$19.22
Injector Tool	1.00	\$86.20	\$86.20
Gasket - Head Gasket	1.00	\$583.53	\$583.53
Gasket	6.00	\$49.54	\$297.24
Gasket	1.00	\$14.60	\$14.60
Sealing Ring	1.00	\$8.64	\$8.64
Sealing Ring	1.00	\$16.97	\$16.97
Sealing Ring	1.00	\$65.32	\$65.32
Sealing Strip	6.00	\$16.62	\$99.72
Screw	8.00	\$4.49	\$35.88
Unit Injector, EXC	1.00	\$1,883.61	\$1,883.61
Yoke	1.00	\$82.52	\$82.52
Structural adhesive, Bond+Seal	1.00	\$30.68	\$30.68
Hose Clamp	1.00	\$14.12	\$14.12
Cap Nut	1.00	\$4.77	\$4.77
Plug	1.00	\$6.80	\$6.80
Labour - Townsville Workshop	36.00	\$120.00	\$4,320.00

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Sub-Total ex GST	\$8,880.18
GST	\$888.02
Total inc GST	\$9,768.20
