



**EXTREME
DUTY**

**Engineered durability,
extreme duty 4x4 performance.**

PART NUMBER

TYP45800

DESCRIPTION: **Complete Exhaust System With Cat And Muffler Box 1**

APPLICATION: **Toyota Landcruiser 200 Series - 1VD-FTV engine 2008 onwards**

ITEM	PART NUMBER	DESCRIPTION	QTY	PACKED
1	PPC45810	Engine Pipe With Cat RHS	1	<input type="checkbox"/>
2	PPC45830	Engine Pipe With Cat LHS	1	<input type="checkbox"/>
3	PRS45840	First intermediate - RHS	1	<input type="checkbox"/>
4	PRS45850	First intermediate - LHS	1	<input type="checkbox"/>
5	PRS45870	Rear Muffler	1	<input type="checkbox"/>
6	PBK45890	Installation Kit	1	<input type="checkbox"/>
7	PSK45891	Service Kit	1	<input type="checkbox"/>
8	525-24620	Packing box	1	<input type="checkbox"/>
9		Foam tubes 50mmX2.5m	3	<input type="checkbox"/>

Issue Date July 2013

Manumatic
INDUSTRIES
Issue Date July 2013

A ROCK SOLID REPUTATION

70-84 Miller Street, Epping, Victoria 3076
Phone (+61 3) 8401 8500 Facsimile (+61 3) 9401 4869



redbackmufflers.com.au



**EXTREME
DUTY**

**Engineered durability,
extreme duty 4x4 performance.**

PART NUMBER

TYP45800

DESCRIPTION: **Complete Exhaust System With Cat And Muffler Box 2**

APPLICATION: **Toyota Landcruiser 200 Series - 1VD-FTV engine 2008 onwards**

ITEM	PART NUMBER	DESCRIPTION	QTY	PACKED
1	UNI00771	Twin Muffler Assembly	1	<input type="checkbox"/>
2	PRS45882	Intermediate Tail Pipe	1	<input type="checkbox"/>
3	525-24620	Packing box	1	<input type="checkbox"/>
4		Foam tubes 50mmX2.5m	3	<input type="checkbox"/>

Issue Date July 2013

Manumatic
INDUSTRIES
Issue Date July 2013

A ROCK SOLID REPUTATION

70-84 Miller Street, Epping, Victoria 3076
Phone (+61 3) 8401 8500 Facsimile (+61 3) 9401 4869



redbackmufflers.com.au



**EXTREME
DUTY**

**Engineered durability,
extreme duty 4x4 performance.**

Fitting Instructions for 200 Series Landcruiser 1VD-FTV

1. Remove tail pipe assembly from vehicle.
2. Remove rear intermediate pipe from the vehicle.
3. Remove both left and right front intermediate pipes.
4. Remove both left and right cat converter pipes from the turbochargers.
5. Remove the exhaust rubber hangers from the vehicle.
6. Fit replacement exhaust rubber hangers to the vehicle.
7. Fit exhaust temp and O² sensor plugs to the engine pipes.
8. Fit both engine pipes to turbocharger outlets with the standard nuts bolts and support brackets.
9. Fit the left and right first intermediate pipes to engine pipes using eight M8x1.25x35mm bolts, 16 M8 flat washers and tighten M8x1.25 lock nuts finger tight.
10. Fit the twin muffler assembly to both first intermediate pipes using eight M8x1.25x35mm bolts, 16 M8 flat washers and tighten M8x1.25 lock nuts finger tight. As shown in Figure 1.



Figure 1.





**EXTREME
DUTY**

**Engineered durability,
extreme duty 4x4 performance.**

11. Fit the twin tail pipe to the twin muffler assembly using eight M8x1.25x35mm bolts, 16 M8 flat washers and tighten M8x1.25 lock nuts finger tight. As shown in Figure 2.
NOTE: If fitting to a vehicle with a long range tank support the diff and remove the left hand rear shock absorber from the lower mount and the rear panhard rod from the diff on the right hand side. Refer Figure 3.



Figure 2.

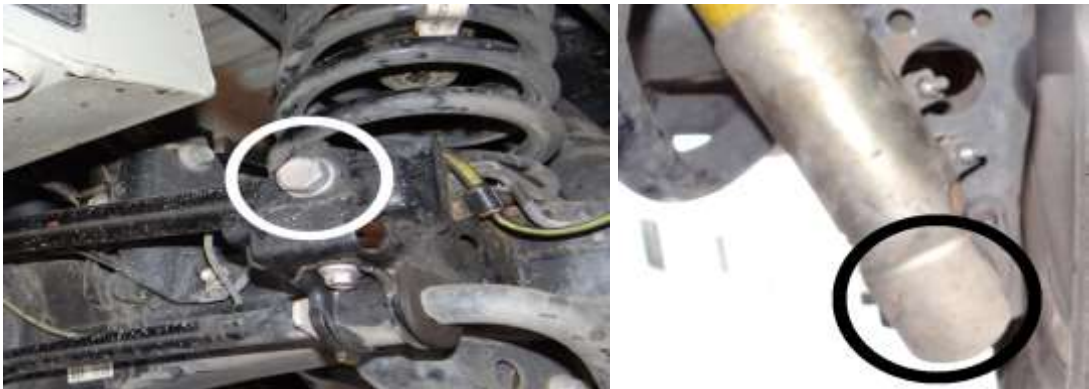


Figure 3.

12. Fit the rear muffler assembly to twin tail pipe using eight M8x1.25x35mm bolts, 16 M8 flat washers and tighten M8x1.25 lock nuts finger tight.
13. Refit the panhard rod and the left hand rear shock absorber and tighten bolt and nut to manufacturer specifications.
14. Tighten all bolts and nuts from front to back of vehicle ensuring all flanges are lined up with each other and test for leaks.

NOTE: THIS EXHAUST SYSTEM WILL HAVE TO BE FITTED ON A 2 POST HOIST OR WITH THE VEHICLE WEIGHT OFF THE REAR AXLE.

