



**EXTREME
DUTY**

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

Application: TYP45900-XC2, TYP45900-XCB, TYP45900-XPB

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 six M8x1.25x35mm bolts, 16 M8 flat washers and tighten M8x1.25 lock nuts finger tight.
11. Fit the supplied bolt on bracket to the passenger's side front intermediate pipe using two m8x1.25x45mm bolts, four M8 flat washers and tighten M8x1.25 lock nuts finger tight. Refer Figure 1.

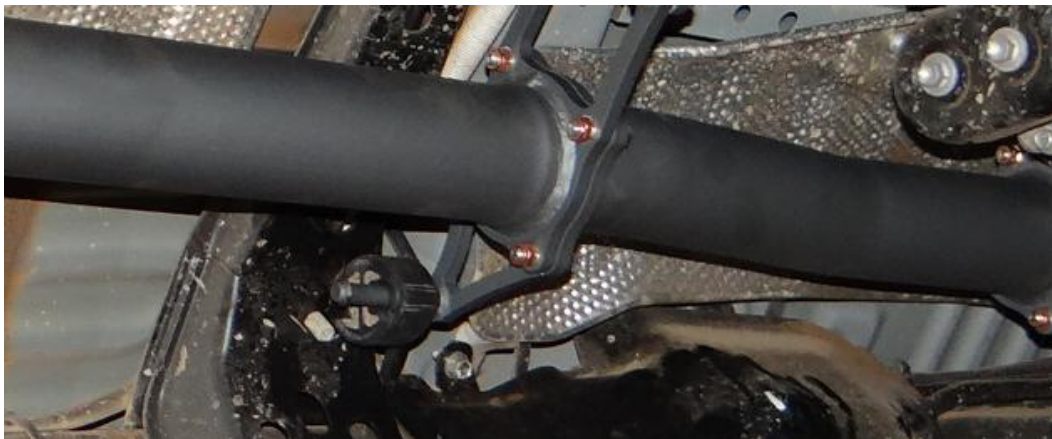


Figure 1.

12. 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.

ProMan

A ROCK SOLID REPUTATION

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Issue Date Sept 2017



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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.

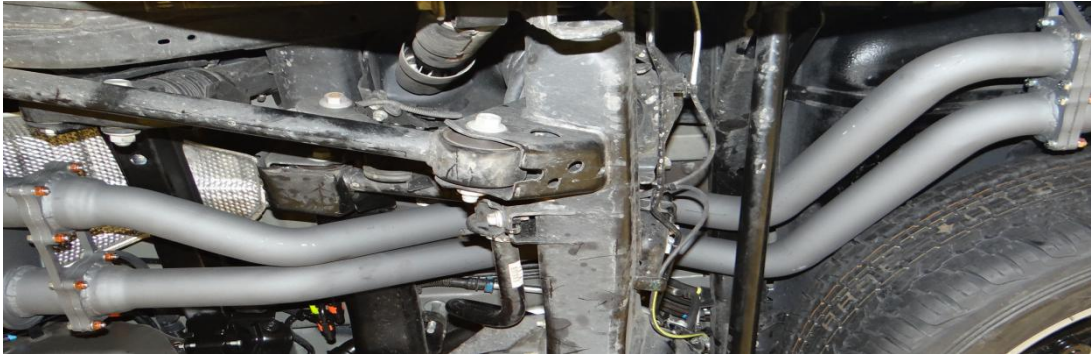


Figure 2.



Figure 3.

13. 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.
14. Refit the panhard rod and the left hand rear shock absorber and tighten bolt and nut to manufacturer specifications.
15. 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: If there is a clearance issue with the exhaust system on the twin tail pipe section of the exhaust, the supplied 20mm flange spacers will need to be installed between the engine pipes and the first intermediate pipes on both sides using the M8x1.25x65mm long bolts and two gaskets

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

Fitting Instructions for 200 Series Landcruiser Spacers

If there is a clearance issue with the exhaust system on the twin tail pipe section of the exhaust, the supplied 20mm flange spacers will need to be installed between the engine pipes and the first intermediate pipes on both sides using the M8x1.25x55mm long bolts instead of the M8x1.25x35mm bolts and two gaskets. Refer to the image below. If further assistance is required please call **Redback Technical Assistance on 1300 414 164**

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