



**EXTREME
DUTY**

Engineered durability,
extreme duty 4x4 performance.



Application: NIP51200-XPB, NIP51200-XCB

Fitting Instructions for Nissan Patrol Ute and Wagon ZD30

1. Remove rear tail pipe from vehicle.
2. Remove intermediate pipe from vehicle.
3. Remove engine cover.
4. Remove heat shield from turbo charger and retain the bolts.
5. Remove engine pipe support mount bolt.
6. Remove engine pipe from vehicle.
7. Remove standard exhaust mount bracket from under left hand gearbox mount.
8. Remove rubber isolators from standard exhaust mount bracket.
9. Install standard rubber isolators in the new silver gearbox mount bracket.
10. Install the new silver gearbox mount bracket under the left hand gearbox mount, refit standard bolts finger tight. Refer Figure 1.



Figure 1.

11. Install the new rubber isolator to the new muffler mount bracket, using two M6x1.0 flange nuts, tighten finger tight. Refer Figure 2.
12. Install the new muffler flange bracket to the previously fitted rubber isolator using two M6x1.0 flange nuts, tighten finger tight. Refer Figure 2.



Figure 2.

ProMan

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13. Install the new muffler mount bracket and muffler flange bracket previously assembled to the two standard captive nuts in the chassis rail positioned rearward of the front tubular cross member with two M8x1.25x20mm flange bolts and tighten. Refer Figure 3.



Figure 3.

14. Install the new intermediate rear bracket to the standard captive nuts in the rear of the existing exhaust mount using two M8x1.25x20mm flange bolts and fit exhaust rubber hanger using two M6x1.0 flange nuts tighten finger tight. Refer Figure 4.



Figure 4.

15. Fit new tail pipe bracket to the underside of the standard rear exhaust hanger bracket and align the half circle cut out with the factory hanger hole and secure with vice grips. Refer Figure 5.



Figure 5.

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16. Drill two new holes in the standard vehicle hanger bracket using the new tail pipe bracket as a template with a 7mm drill bit and fit a new rubber hanger on the top side of the bracket, using M6x1.0 flange nuts, tighten finger tight. Refer Figure 6



Figure 6.

17. Remove the front sway bar from the vehicle to assist with the installation of the new engine pipe.
18. Fit engine pipe to turbocharger outlet with three M8 flat washers and three M8x1.25 lock nuts tighten finger tight.
NOTE: Use the supplied M8 Studs to replace the studs in the turbo if required.
19. Fit engine pipe support bracket cap bolt M10x1.5x20, M10 spring washer and M10x20mm O/D flat washer to engine
20. Fit Removed turbo heat shield using removed bolts.
21. Fit exhaust temp and o² sensor plugs to engine pipe.
22. Fit first intermediate pipe to engine pipe with four M8x1.25x35mm bolts and eight M8 flat washers, Tighten M8x1.25 lock nuts finger tight.
23. Fit muffler to intermediate pipe using only the top flange holes with M8x1.25x35mm bolts, four M8 flat washers and M8x1.25 lock nuts
24. Fit two M8x1.25x40mm bolts, four M8 flat washers and two M8x1.25 lock nuts to the lower flange holes and the muffler flange bracket, tighten finger tight
25. Fit second intermediate pipe to muffler with four M8x1.25x35mm bolts, eight M8 flat washers and four M8x1.25 lock nuts, tighten finger tight.

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26. Fit tail pipe to second intermediate pipe with M8x1.25x35mm bolts, eight M8 washers and M8x1.25 lock nuts, tighten finger tight fit tail pipe support bracket to the vehicle as shown in Figure 7.



27. Test fit both small and large intermediate pipe support brackets under the gearbox mount to determine correct size. Refer Figure 8.
28. Fit correct intermediate pipe support bracket to intermediate pipe. Refer Figure 8.



Figure 8.

29. Fit two M8x1.25x35mm bolts with two M8x25mm O/D washers to the gearbox mount bracket rubber isolators, Tighten M8x1.25 lock nuts finger tight.
30. Tighten all bolts and nuts from front to back of vehicle and test for leaks.

**NOTE: WE RECOMMEND FITTING THIS PRODUCT EITHER ON A 4
POST HOIST OR ON THE GROUND**

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