

Fitting Instructions – IGNITE 3" Exhaust System

Vehicle Application: Nissan Patrol Y62 5.6L V8

Installation Instructions (Mid-Section or Full Cat-Back System)

These instructions cover the installation of the **IGNITE Mid-Section** only or the complete **IGNITE Cat-Back Exhaust System**.

The full cat-back kit includes two additional components not present in the mid-section kit:

- **Over-Axle Connecting Pipe**
- **Rear Muffler / Tailpipe Replacement Assembly**

Follow the steps below, noting the additional steps required when installing the full cat-back system.

Before You Begin:

Ensure the vehicle is securely parked on a flat surface and safely supported. Always allow the exhaust system to cool down before commencing removal or installation.

Removal of Factory Mid-Section (Applies to Both Mid-Section and Full Cat-Back Installation)

1. Detach Catalytic Converter Flange Bolts

Using a 16 mm socket or spanner, remove the bolts connecting the mid-section to the rear of both catalytic converters (two bolts per side).

2. Disconnect Rear Muffler Flange

Remove the factory nuts at the rear of the muffler where it meets the tailpipe section.

Note: For a **mid-section-only** installation, the factory tailpipe assembly remains in place.

3. Support the Factory Mid-Section

The OEM mid-section is heavy. Support it with a jack stand or have a second person assist before removing hangers.

4–7. Remove Rubber Hangers

With the mid-section supported, remove the following rubber mounts:

- One hanger on the passenger side behind the catalytic converter
- One hanger in the centre (can be unbolted)
- Two hangers at the rear of the muffler

Use lubricant spray if hangers are difficult to remove.

8. Remove Mid-Section

Lower and remove the factory mid-section. Reinstall all rubber mounts back onto the vehicle.

Additional Removal Steps for Full Cat-Back Installation Only

If installing the full cat-back system, continue with the following:

9. Remove Over-Axle and Tailpipe Assembly

Unbolt and unhook the factory tailpipe section from its mounts and remove the over-axle piping. Support the section during removal to prevent damage or sudden drop.

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****Installation of IGNITE Mid-Section**

(Applies to Both Mid-Section and Full Cat-Back Installation)**

10. Install Left-Hand Flex Section

Position the LH flex section with the supplied gasket and secure it to the catalytic converter using the factory 16 mm bolts. Leave finger-tight.

11–12. Install Right-Hand Y-Piece

Using supplied gaskets:

- Attach to the catalytic converter using the factory bolts
 - Connect to the LH flex section using the supplied nuts and bolts
- Leave all fasteners finger-tight.

13–15. Install Muffler Section

Position the new muffler section with the supplied gasket:

- Reuse factory nuts to attach to the **factory tailpipe** (mid-section-only install)
- Or attach to the **IGNITE over-axle pipe** (full cat-back install)
- Secure its front connection to the RH Y-Piece with supplied hardware

Leave finger-tight.

Installation of Additional Components (Full Cat-Back System Only)

16. Install Over-Axle Connecting Pipe

Route the pipe over the axle and connect it to the rear of the new muffler section using the supplied gasket and hardware. Leave finger-tight.

17. Install Rear Muffler / Tailpipe Assembly

Mount the new rear section to the over-axle pipe and secure using supplied hardware. Ensure the tip is centred and clear of the bumper before tightening.

Final Tightening & Testing

(For Both Mid-Section and Full Cat-Back Install)

18. Tighten All Connections

Start at the joint between the flex section and Y-Piece.

Then progressively tighten all remaining bolts from front to rear of the vehicle.

19. Initial Start-Up Check

Start the engine and inspect for leaks, rattles, or abnormal noises.

20. Test Drive

Perform a short test drive to confirm correct fitment and enjoy the enhanced V8 exhaust tone of the IGNITE system.