



MUNCIE POWER PRODUCTS

Product Bulletin #PB00132

Subject: Z21 Series Production Launch

Date: April 2, 2025

URL: www.munciepower.com

The new Z21 Series power take-off is now available and ready for purchase, effective April 2, 2025.

PTO Information

The Z21 Series is a new medium-duty, clutch shift PTO designed for the passenger side (right side) of the TorqueFlite HD/ZF PowerLine transmissions used in 2025 RAM 3500, 4500, and 5500 trucks. It is rated for up to 265 lbs. ft. torque continuous/intermittent and 50 HP at 1,000 RPM. The Z21 Series has a single-speed ratio option at 130% of engine speed.

The Z21 Series features a rotatable flange for easier direct pump mounting and pairs well with Muncie Power's PH and PK Series Gear Pumps and our FX Series Bent Axis Piston Pumps.

Literature

- IN17-04 – PTO Operator's Manual
- IN25-01 – Z21 Series Installation Instructions
- IN25-03 – Z21 Series Activation Instructions
- MI24-22 – Z21 Series and Z25 Series Brochure for RAM

Model Number Construction

Z21-Z1111-DX-1-BS-BX

Model:

Z21 – Passenger-side, clutch shift

Transmission Gear:

Z11 – TorqueFlite HD/ZF PowerLine

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Internal Gear Ratio:

11 – 1.13:1

Shift Type:

DX – 12V Integral RAM

Assembly Arrangement:

1 – Right Side Shaft Low

Output Type:

TA – SAE A 2-Bolt, $\frac{3}{4}$ "-11T Spline

BA – SAE A 2-Bolt, $\frac{7}{8}$ "-13T Spline

BS – SAE B 2-Bolt, $\frac{7}{8}$ "-13T Spline

BB – SAE B 2-1/4-Bolt, $\frac{7}{8}$ "-13T Spline

PB – SAE B 2-1/4-Bolt, 1"-15T Spline

II – DIN 5462

Special Features:

BX – Standard

BW – Standard Wet Spline

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