



NEWS RELEASE

Indian Motorcycle Delivers Most Powerful Engine in Its Class With New PowerPlus – a New Level of V-Twin Performance From America’s First Motorcycle Company

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Liquid-Cooled 108 Cubic Inch Motor delivering 122 Horsepower and 128 ft-lbs. of Torque to Power New Indian Challenger

MINNEAPOLIS--(BUSINESS WIRE)-- **Indian Motorcycle**, America’s First Motorcycle Company, raised the bar for American motorcycles today with the announcement of its most powerful engine to date, the PowerPlus. The all-new 108 cubic inch, liquid-cooled, V-twin engine delivers a class-leading 122 horsepower and 128 ft-lbs. of torque and establishes a dramatically new standard for V-twin performance.

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The PowerPlus is an all-new 108 cubic inch, liquid-cooled, V-twin engine delivering a class-leading 122 horsepower and 128 ft-lbs. of torque and establishes a dramatically new standard for V-twin performance. (Photo: Business Wire)

The PowerPlus will serve as the heart of the new Indian Challenger, an all-new, fixed-fairing bagger that utilizes Indian

Motorcycle’s state-of-the-art technology to become the highest-performing American V-twin ever developed. The new engine’s name is a nod to Indian Motorcycle’s iconic history, paying homage to the Indian PowerPlus motorcycle produced from 1916 to 1924.

“We challenge our engineers with the notion that anything less than best-in-class design and performance will



simply not get it done, and it's clear with this new engine that they have delivered on that high standard," said Steve Menneto, Indian Motorcycle President. "Countless hours were spent in design, development and testing to ensure this is the best liquid-cooled V-twin ever developed, and I could not be prouder of our team and this incredible motor."

The PowerPlus adopts several design and performance features from the liquid-cooled 1,133 cc Indian Scout engine, including an overhead camshaft design utilizing four valves per cylinder. But comparisons end there. The PowerPlus was developed with a big-piston, big-torque mindset with an end game of maximum power delivery across the entire curve.

The all-new powertrain features a six-speed transmission with true overdrive, assist clutch to reduce clutch effort, and three ride modes that allow riders to tailor throttle mapping to their riding preferences. Advanced technology also includes hydraulic valve lash adjusters and hydraulic camshaft chain tensioners for ease of maintenance and reliability.

The PowerPlus was tested, refined and proven by one of the industry's most rigorous development and testing programs, accumulating nearly one million miles of simulated testing, including state-of-the-art dyno testing, and more than 250,000 on-road miles.

"You simply cannot deliver the ultimate bagger without an engine that stands head and shoulders above anything else in its class, and that was the motivation behind the PowerPlus," said John Callahan, Indian Motorcycle Vice President, Engineering. "We developed the most sophisticated V-twin powerplant in the industry, and then we spent month after month, hour upon hour, putting it through the most intense paces to ensure it could take whatever we threw at it. The end result is something truly special."

Indian Motorcycle PowerPlus Engine Specifications:

- Engine Displacement: 108 cubic inches (1,769 cc)
- Power: 122 hp at 5,500 RPM
- Torque: 128 ft-lbs at 3,800 RPM
- Maximum Engine Speed: 6,500 RPM
- Architecture: 60-degree V-twin, liquid-cooled powerplant
- Crankcase: Unit design featuring a high capacity semi-dry sump oil system
- Timing System: Overhead camshafts and four valves per cylinder
- Fuel System: Electronic fuel injection. 52mm dual bore throttle bodies
- Compression Ratio: 11:1
- Transmission: Six-speed with true overdrive, constant mesh

- Clutch: Assist clutch

The PowerPlus will be built in Osceola, Wisconsin with final motorcycle assembly taking place in Indian Motorcycle's production facility in Spirit Lake, Iowa. Riders can learn more at IndianMotorcycle.com and follow along on [Facebook](#), [Twitter](#) and [Instagram](#).

ABOUT INDIAN MOTORCYCLE

Indian Motorcycle is America's first motorcycle company. Founded in 1901, Indian Motorcycle has won the hearts of motorcyclists around the world and earned distinction as one of America's most legendary and iconic brands through unrivaled racing dominance, engineering prowess and countless innovations and industry firsts. Today that heritage and passion is reignited under new brand stewardship. To learn more, please visit www.indianmotorcycle.com.

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