

F Series and N Series Trucks Go Greener in Japanese Market

The new F Series medium-duty and N Series light-duty truck lineups went on sale in Japan in April and May, respectively. The lineups now include models that comply with forthcoming diesel-emission regulations and have received official government recognition as "ultra-low PM emission diesel vehicles."

A key improvement in the F Series is the addition of an electronically controlled common-rail high-pressure fuel-injection system in the 6HL1 and 6HK1 diesel engines. The two engines are in full compliance with new emission regulations that will be enforced from August. Moreover, the 6HL1 incorporates Isuzu's new diesel particulate defuser (DPD), and the 6HK1 engine has been fitted with Isuzu's oxidizing catalytic converter.

Particulate-matter emissions produced by the 6HL1 and 6HK1 models are 85 percent and 75 percent lower, respectively, than forthcoming regulations, earning the

F Series trucks the right to be called ultra-low PM emission diesel vehicles.

The F Series lineup also boasts the wing-body F-Cargo Package (above), which is targeted at medium-duty truck users who place high demands on cost, performance, quality and delivery time.

Meanwhile, the N Series met the new emission regulations long before their scheduled implementation, thanks to the 4HL1 common-rail diesel engine. The naturally aspirated version is paired with the DPD, while the intercooled, turbocharged version is coupled with the company's oxidizing catalytic converter.

The naturally aspirated version beats the emission regulation by 85 percent and the turbocharged version is 75 percent better, enabling both N Series models to claim the title of ultra-low PM emission diesel vehicle.

Another highlight of the new N Series lineup is the enhanced safety and fuel economy achieved with the standard Smoother-E pedal-free manual transmission, which frees the driver from having to operate the clutch. In addition, the front face of the N Series has been redesigned (below).

