

Nelson Field Star Chassis
Driveline Application Approved Components

Field Star 350

Engine:

- International MaxxForce 10, 350 hp, diesel
- Inline 6-cylinder, turbo-charged and air intercooled
- 1,150 ft/lb torque @ 1,200 RPM
- Air cleaner, dual element with integral pre-cleaner
- 1,228 sq. in. cross flow radiator and 1,167 sq. in. charge air cooler
- 2007 Federal emissions rated
- Vertical exhaust with guard
- On/Off road rated

Transmission:

- Allison 3000 RDS P, 5-speed automatic with overdrive
- On/Off road rated
- Fuller AT-1202 Auxiliary Transmission, 2-speed

Rear Axle:

- Meritor PRC-673 heavy duty on/off highway
- Double reduction differential
- Single speed
- Planetary hub reduction
- Single vari rate 31,000 lb capacity with 4,500 lb overload springs

Front Axle:

- Meritor MFS-16-143A, 16,000 lb capacity
- Wide track I beam
- Sheppard M-100/M80 dual power steering

Brakes:

- Bendix Tru-Flo 550 air-compressor with a Bendix AD-9 air dryer with heater
- Front 16.5" x 6"
- Rear 16.5" x 7"

Frame:

- 120,000 PSI Yield, single channel
- Heat treated alloy steel
- Bolted cross members

Electrical:

- 12V system w/135 amp Delco alternator
- Three maintenance free batteries

Fuel Capacity:

- Single 100 gallon tank, left side

Field Star 410

Engine:

- Cummins ISM 425V, 410 hp, diesel
- Inline 6-cylinder, turbocharged and aftercooled
- Torque 1,550 ft/lb @ 1,200 RPM
- Air cleaner, dual element with integral pre-cleaner
- 1,469 sq. in. cross flow radiator and 1,030 sq. in. charge air cooler
- 2007 Federal emission rated
- Vertical exhaust with guard

Transmission:

- Allison HD 4000 RDS P, 5-speed automatic with overdrive
- On/Off road rated
- Fuller AT-1202 Auxiliary Transmission, 2-speed

Rear Axle:

- Meritor PRC-673 heavy duty on/off highway
- Double reduction differential
- Single speed
- Planetary hub reduction
- Single vari rate 31,000 lb capacity with 4,500 lb overload springs

Front Axle:

- Meritor MFS-16-143A, 16,000 lb capacity
- Wide track I beam
- Sheppard M-100/M80 dual power steering

Brakes:

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- Front 16.5" x 6"
- Rear 16.5" x 7"

Frame:

- 120,000 PSI Yield, single channel
- Heat treated alloy steel
- Bolted cross members

Electrical:

- 12V system w/135 amp Delco alternator
- Three maintenance-free batteries

Fuel Capacity:

- Single 100 gallon tank, left side