



Fleet Vehicle and Equipment Specification

Specification # - SUV-MD-PL (2-5-2015)

SUV-MD-PL

Medium Duty Pursuit Rated Sport Utility Vehicle AWD

Ford Interceptor Utility

***NOTE - The following specification is the minimum requirements only. The actual awarded vehicle may include features and options that exceed the specification.**

Scope

This specification details The State of North Carolina's requirement for a full size, pursuit rated, sport utility vehicle. The full size sport utility vehicle and all required options will be designed and assembled in accordance with all applicable industry standards and comply with all governmental regulations as they apply to the operation of the vehicle described in this specification. This vehicle will be used for general transportation of personnel and light materials associated with the operation of a government business and specifically those associated with law enforcement. .

BASE SPECIFICATIONS:

General

Wheelbase - 110 - 115 in.
Length (overall) - 195-200 in.
Weight - 4,500 - 4,700 lbs.
GVWR - N/A
GCWR - N/A (5,000 lbs. (towing capacity))
Payload - N/A

Engine

3.5L DOHC, V6, EcoBoost®, 24 valve or equivalent
365 HP @ 5,500 RPM (net SAE)
350 lb.-ft @ 1,500 - 5000 RPM (net SAE)
Stainless steel exhaust
Fuel - Unleaded regular 87 octane or E85
Cooling system, heavy duty, automatic coolant recovery system with permanent type anti-freeze protected to -20 degrees F with rust inhibitor.
Engine external oil cooler (if available from OEM)
Engine hour meter

Transmission

Automatic - Electronic six (6) speed w OD
Rear axle ratio - 3.39
Electronic stability control
All wheel drive (4X4)
External oil cooler (if OEM available)
Advance Trac® with RSC

Brakes

Front - Disc-vented; Rear - Disc
ABS (Antilock brake system) four (4) wheel - 4 ABS channels
ABS driveline traction control

Electrical

Battery - 750 CCA, HD with "rundown" protection (maintenance free)
Alternator - 220 amp., heavy duty
Coil-on-plug type ignition

Tires

Tires, five (5), tubeless, radial, black sidewall, all-season tread, P245/55R18W rated approved and certified for pursuit use on the specific model and configuration of vehicle offered. Goodyear RS-A only.
Spare - Full size mounted under body

Wheels

Wheels, five (5), 18" x 7.5" minimum, steel
Full wheel covers

Interior Equipment

Air conditioning
Color -Charcoal
Seats: Bucket cloth front with driver's side power adjustable, 6-way and console mounting plate. Rear seat vinyl. Front seat construction shall be fully suitable for law enforcement work by the Highway Patrol during normal 8 hour shifts with sufficient comfort and support with integrated anti-stab plates.
Seat belts to be manufacturers production standard for both front and rear passengers.
Safety air bags - Driver and passenger and head-curtain side impact
Driver & passenger head protection air bags
Seat belts to be manufacturers production standard for both front and rear passengers.
Occupancy sensor
Driver's and passenger's supplemental inflatable restraint system (air bags) as mandated by NHTSA at the time of production.
Radio, manufacturer's standard AM/FM stereo with front and rear speakers and CD player
Power steering (external oil cooler if OEM available)
Cruise control
Tilt steering
Three (3) keys for each vehicle. Each vehicle to be keyed individually.
Manufacturer-furnished blank for third key may be cut by dealer.
Keyless entry, two (2) electronic key fobs
Clock - Dash mounted
Trunk to include full carpeting and power point
Speedometer, certified calibrated speedometer (2 MPH increments) (max. 3% error). Approx. 0-140 MPH indicator
Dome light and map/reading light. One such light is to be LED and driver selectable for off-red-white operation and may in addition (but not in lieu of) be switched on-off by a door-actuated control Other light is to be activated (on-off) by a door-actuated switch and may in addition (but not in lieu of) be switched on-off by a driver operated control.
Glove compartment light and door lock
Luggage compartment light
Mirrors, inside with day/night adjustment
Power door locks all four (4) doors with rear locks inoperable from inside
Power windows with driver express down
Floor covering, carpet, color keyed, front and rear with color keyed scuff plates.
Removable floor mats are NOT required, and may be deleted if standard equipment.
12v DC power outlets (2)
Rear window defroster, electric (not blower type) with control within convenient reach of driver and clearly marked
Low Tire Pressure Warning (TPMS)
Remote hood release, inside
Seating capacity - 5

Exterior Equipment

Color - White (manufacturer's standard)
Variable intermittent front windshield wipers
Halogen type head lights
Dual exterior mirrors, remote controlled on left and right side
Power adjustable outside mirrors
Automatic "shift on the fly" four (4) wheel drive or equivalent
Fuel tank - 18.0 - 19.0 gal.
Skid plates for protection to underbody components for off-road travel

Emissions

ULEV II

OTHER:

Speed and acceleration test to be certified by Michigan State Police vehicle evaluation program
Paint, all manufacturer's standard and clear coat solid colors to be included in the bid price for the base vehicle
Cargo wiring upfit package #67G

Warranty

Bumper to Bumper - 36 month/36,000 miles (Basic)
Powertrain - 60 month/60,000 miles
Corrosion Perforation - 60 month/unlimited distance
Roadside Assistance - 60 month/60,000 miles
Safety Restraint System - 60 month/60,000 miles

Approved Configurations

SUV-MD

Front wheel drive only

Approved Options (all configurations)

"LT" tires (size approved by manufacturer and consistent with offerings on same model vehicle)
CNG/LPG fuel capability - Requirement for engine only capability. Storage, fuel lines and valving not required but can be quoted upon.