



DELIVERED: DECEMBER, 2013

6 GPM @ 1800 PSI UHP
70 Water / 5 Foam

Patient Transport Unit for Polaris Ranger

ENGINE DRIVEN PUMP MODULE

A triplex plunger high pressure ceramic lined pump will be provided. The pump specifications are listed as follows.

- Model 5150-EJM Triple Plunger High Pressure Pump
- 6 GPM @ 1800 PSI
- Chrome-Molly Crankshaft
- Shaft Protector
- Oversized Bearings
- Stainless Steel Valves and Valve Seats
- Brass Manifold
- Die Cast Aluminum Crank Case
- Inlet Inductor
- Inlet Strainer
- Pop-off Pressure Relief Valve - (pre-set)
- Thermal Relief Valve - (prevents overheating of by-pass loop)



PUMP ENGINE

Honda, Model GX390 with the following specifications.

- 13-Horse Power @ 3600 RPM
- Air-Cooled, 4-Stroke, OHV, Single Cylinder
- Electric Start with manual recoil back-up
- Dual Element Air Cleaner
- 3 Gallon Fuel Tank
- 1.16 Quart Oil Capacity
- Commercial Grade
- Horizontal Shaft
- Digital CDI Ignition
- Oil Alert
- EPA/CARB Compliant
- 3-Year Commercial Warranty
- 12-volt battery

TOWN OF SHEBOYGAN FIRE DEPARTMENT





ATTENDANT SEAT



PATIENT TRANSPORT, SEPARATE COMPONENT

A slide-in patient transport module will be provided that will fit inside the Polaris Ranger rear dump box. Included in the design of the module will be provisions for securing a stokes basket (not included) for patient transport. A seat will be installed near the head of the patient to allow a first responder to attend to the victim while the person is being transported.

MODULE CONSTRUCTION

The rear slide-in module will be constructed of .125 bright aluminum diamond plate. Provisions will be made to secure a Stokes basket to the module. Two adjustable seat belt type straps will be provided to secure the Stokes basket to the transport mount.

The Stokes basket mount will be installed on top of an aluminum diamond plate box that is raised off of the bed 8.00". The entire top of the diamond plate box will be hinged on the inboard side to allow full opening of the storage area. The hinge will be a stainless steel piano type .25" continuous hinge. Two (2) gas struts will be provided to hold the hinged cover in the open position. Two (2) butterfly latches will be provided on the cover to secure it in the closed position.

The module will extend out the rear of the Ranger box and a swing down step will be provided to step up into the rear module.



STORAGE RACK

A custom built storage rack will be installed on the front of the Ranger. The rack will be constructed of aluminum and will have an open top for storage of tools etc. The rack will pivot to allow the Ranger hood to be opened without the use of tools.

