

GENERAL FIRE APPARATUS, INC.

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SPOT LIGHT

EXTREME DUTY SUBFRAME BY ROSENBAUER

SPECIFICATION: The apparatus shall be constructed using an extreme-duty steel subframe. This subframe shall be independent of the chassis frame and support the body and equipment. The upper portion of the extreme duty subframe shall be constructed of heavy duty 1.5" x 3" 7 ga. steel tube, 3" channel and plate steel gussets. It shall be designed to "cradle" the tank transversely and longitudinally to prevent fore and aft motion, yet allowing the tank to "float," preventing twisting of the tank on uneven terrain. The upper portion of the extreme duty subframe shall include heavy duty outriggers to support the body and equipment. The front of the subframe shall be mounted to the chassis using stress isolating rubber cone bearings to reduce twisting stress on the body. The rear platform shall be supported by double steel plate gussets on each side. The rear platform itself shall be built from 1.5" x 3" 7 ga. steel tube and 2" x 3" x 1/4" steel angle and shall support the rear compartment and the rear of the body.

