Tank Truck Emergency Valve
Installation Instructions
880-430, 880-431, 880-432, 880-433
880-451, 880-452, 880-453, 880-454
EMERGENCY VALVE - 4" VICTAULIC (880-430)

TANK SHELL

GASKET (11388-01) (PROVIDED W/EMERGENCY VALVE)

1/2 LOCK WASHER

SECURE 3/16 BRAIDED STEEL CABLE WITH CABLE CLAMP

TANK SUMP

TIGHTEN (8) 1/2-13 NUTS EVENLY TO A TORQUE SPEC. OF 75 FT. LBS.

FASTEN CAM LEVER PROVIDED IN SHIPPING CARTON TO CAM SHAFT BY TIGHTENING NUT & BOLT SHOWN HERE

EMERGENCY VALVE - 4" VICTAULIC W/AIR CYLINDER

880-432, 90° elbow

880-453, straight (not shown)

CAUTION:
OVER TIGHTENING OF PACKING GLAND NUT CAN RESULT IN POPPET NOT SEALING.

INSTALL AIR CYLINDER (PT. # 880-350-03) ON EMERGENCY VALVE WITH AIR VENT FACING DOWN.
(AIR CYLINDER BOXED SEPARATELY INSIDE SHIPPING CARTON)

SEE BACK PAGE OF THIS FORM FOR ADDITIONAL AIR CYLINDER MOUNTING INFO.
EMERGENCY VALVE—4" FLANGED
(880-431)

TANK SHELL

TANK SUMP

GASKET(11388-01)
(PROVIDED W/EMERGENCY VALVE)

1/2 LOCK WASHER

TIGHTEN (8) 1/2-13 NUTS EVENLY TO A TORQUE SPEC. OF 75 FT. LBS.

SECURE 3/16 BRAIDED STEEL CABLE WITH CABLE CLAMP

FASTEN CAM LEVER PROVIDED IN SHIPPING CARTON TO CAM SHAFT BY TIGHTENING NUT & BOLT SHOWN HERE

EMERGENCY VALVE—4" FLANGED
W/AIR CYLINDER
880-433, 90° elbow
880-454, straight (not shown)

CAUTION:
OVER TIGHTENING OF PACKING GLAND NUT CAN RESULT IN POPPET NOT SEALING.

INSTALL AIR CYLINDER (PT. # 880-350-03) ON EMERGENCY VALVE WITH AIR VENT FACING DOWN.
(AIR CYLINDER BOXED SEPARATELY INSIDE SHIPPING CARTON)

TIGHTEN (8) 3/8-16 NUTS EVENLY TO A TORQUE SPECIFICATION OF 30 FT. LBS.

DISCARD CABLE CLAMP BEFORE INSTALLING AIR CYLINDER

CAUTION:
OVER TIGHTENING OF PACKING GLAND NUT CAN RESULT IN POPPET NOT SEALING.

SEE BACK PAGE OF THIS FORM FOR ADDITIONAL AIR CYLINDER MOUNTING INFO.
1. Thread push-on hose fitting into exhaust port of air cylinder and tighten, next push hose onto fitting.

2. Coat threads of fusible plug with pipe sealant and tighten plug into bottom of rod end cap.

3. Position lever on shaft as shown and tighten fasteners.

4. Thread 3/8 bolt (affixed to rod end) into the tapped hole on lever. Fasten 3/8 lock nut on the opposite side of the lever.

5. Compress cylinder as to allow the threaded stud to pass thru mounting boss. Position flat washer on stud and thread 3/8 locknut .29 from end of stud as shown.