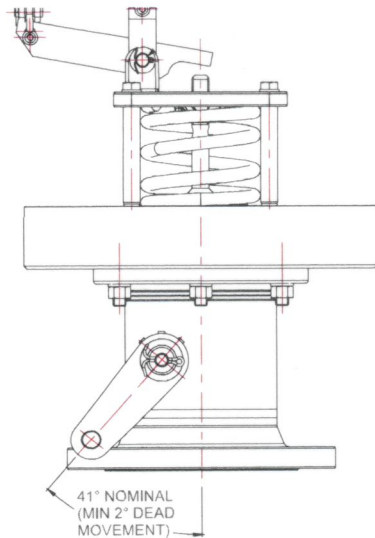


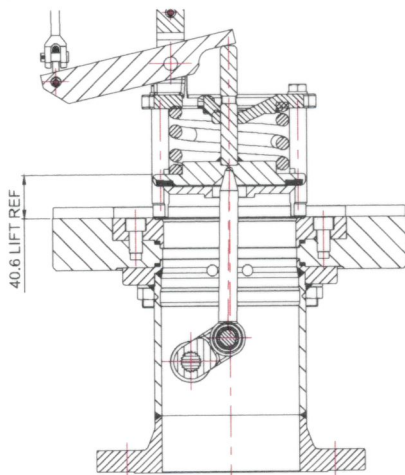
2. The nominal handle home position is shown in Figure 9.

Figure 9 - Nominal Handle Position



3. Once the handle is correctly positioned, the poppet lift should also be checked, as shown in Figure 10. If the handle is positioned incorrectly this may not allow correct seal seating, or provide enough poppet lift.

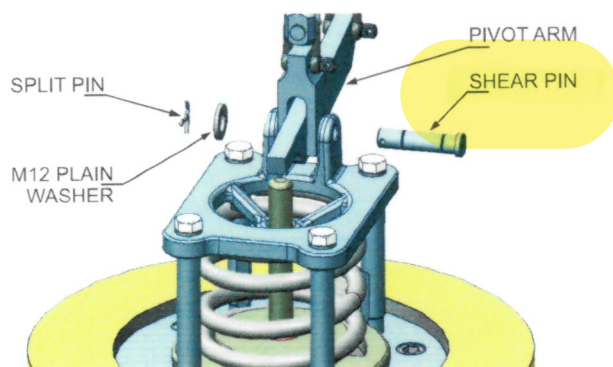
Figure 10 - Valve Lift



Attaching the Shear Pin and Pivot Arm

Care must be taken when inserting the shear pin into the pivot arm casting. The pivot pin is a precision machined component and is failsafe designed. The pin is inserted as shown in Figure 11. To aid insertion, a hand reamer may be used to improve clearance, provided that the hole is within size: $\varnothing 12.7\text{mm} +0.13''$.

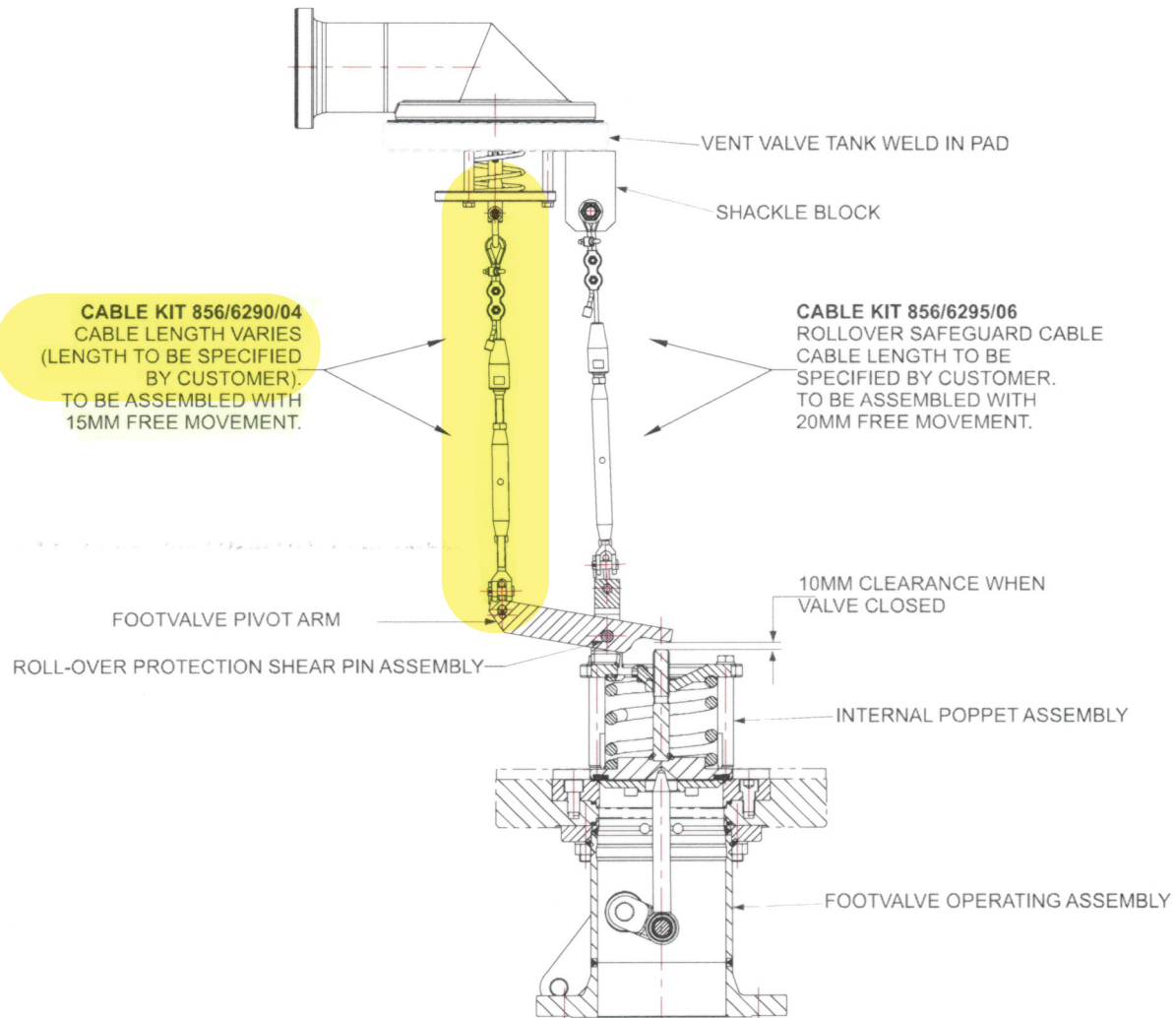
Figure 11 - Attaching the Shear Pin and Pivot Arm



Connection of Footvalve and Vent Valve via cable kit assemblies.

Take time to study Figure 12 to familiarise yourself with the finished parts arrangement. Note that Cable Kit 856/6290/04 is used to connect the Footvalve pivot arm and Vent Valve poppet. Note that Cable Kit 856/6295/06 is used for the roll-over safeguard mechanism. Do not open the bag of parts until required and do not mix components between the kits: the components look similar but are of different sizes.

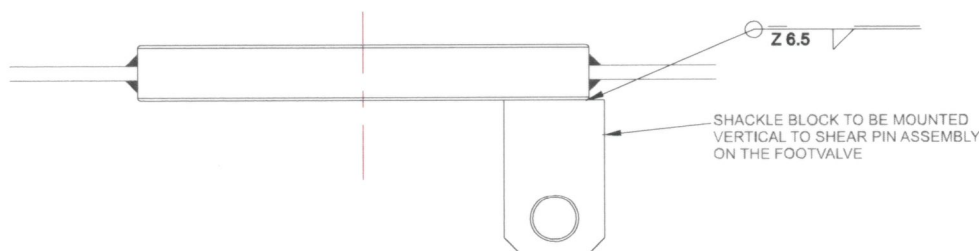
Figure 12 - Footvalve / Vent Valve assembly



Connecting the Footvalve pivot arm and the Vent Valve poppet

STEP 1 - Securely weld the shackle block to the underside of the vent valve tank pad, ensuring that it is vertically aligned with the roll-over protection shear pin assembly. (See Figure 12). See recommended welding details below, Figure 13.

Figure 13 - Recommended welding details for shackle block

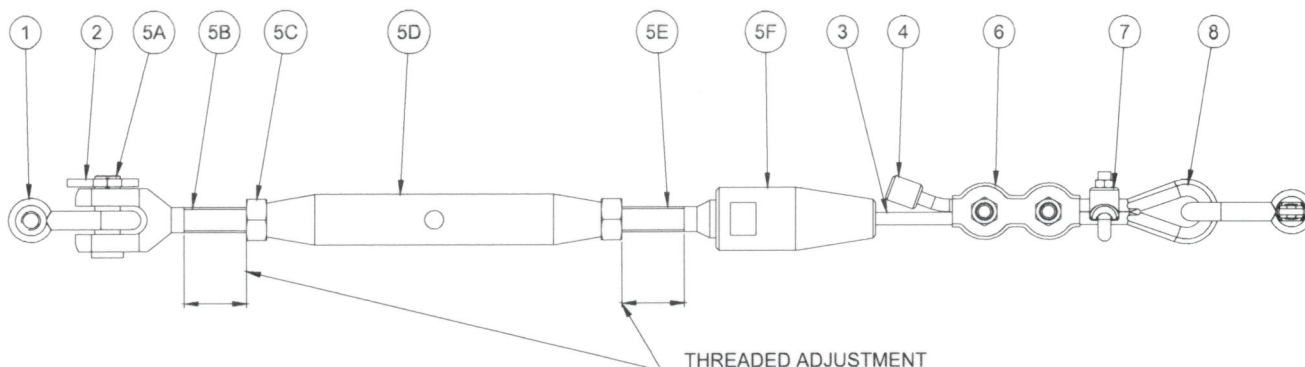


FORT VALE

Rail Tank Discharge Valve/Vent Valve Assembly - Installation & Operating Instructions.

STEP 2 - Take cable kit 856/6290/04 - See Figure 14 for parts identification.

Figure 14 - Cable kit parts identification - 856/629X/XX



Item	Description	Part No.
1	Shackle (2)	324/5604
2	Split pin	5118-017
3	Cable (Note)	856/5208/XX
4	End stop ferrule (Note)	324/5626/XXX
5	Rigging screw assembly (Note) Comprising:	324/5620/XXX
5A	Clevis pin	
5B	Clevis	
5C	Locking nut	
5D	Threaded barrel	
5E	Locking stud	
5F	Compression sleeve	
6	Duplex type cable clamp (Note)	324/56X7
7	Cable clamp (Note)	324/56X8
8	Thimble (Note)	324/5603/XX

Note: Part number varies between 856/6290/04 cable kit and 856/6295/06 cable kit. Components are not interchangeable.

STEP 3 - Assemble the rigging screw as below. Ensure that the clevis and locking stud are screwed fully into the threaded barrel, as shown below.

