

EMCO®
WHEATON RETAIL

A0060

**EMERGENCY
SHUT-OFF VALVE**

**INSTALLATION
AND
MAINTENANCE
INSTRUCTIONS**



WARNING: Emco Wheaton products should be used in compliance with applicable federal, state and local laws and regulations. Product selection should be based on physical specifications and limitations and compatibility with the environment and material to be handled. EMCO WHEATON MAKES NO WARRANTY OF FITNESS FOR A PARTICULAR USE.

AVERTISSEMENT: les produits Emco Wheaton doivent être utilisés en conformité avec les lois et règlements fédéraux, provinciaux et locaux applicables. La sélection des produits doit être basée sur les caractéristiques et les limites physiques et compatibilité avec l'environnement et des matériaux à traiter. EMCO WHEATON NE DONNE AUCUNE GARANTIE D'ADAPTATION À UN USAGE PARTICULIER.

WARNING: Proper operation is dependent on proper installation and regular maintenance. The following instructions are provided to assist you in properly installing and maintaining your A0060 Shear Valve. Failure to follow these instructions may cause failure of the valve to close in the event of an emergency, resulting in a hazardous condition.

AVERTISSEMENT: Le bon fonctionnement dépend de l'installation correcte et régulière maintenance. Les instructions suivantes sont fournies pour vous aider à bien l'installation et l'entretien de votre cisaillement Valve A0060. Le non-respect de ces instructions peuvent entraîner une défaillance de la vanne à fermer en cas d'urgence, résultant dans une situation dangereuse.

WARNING: The valve body must be rigidly anchored to a structural member within the island to ensure breakage at the shear groove in the event of severe impact. Failure to provide a rigid mounting may result in failure of the valve to close in the event of severe impact, resulting in an excessive loss of product and a hazardous condition.

The shear groove must be positioned at the same level or within 1/2" above or below the top of the dispenser mounting frame. Failure to install the shear groove at this level may result in a failure to break-off in the event of severe impact, causing a hazardous condition.

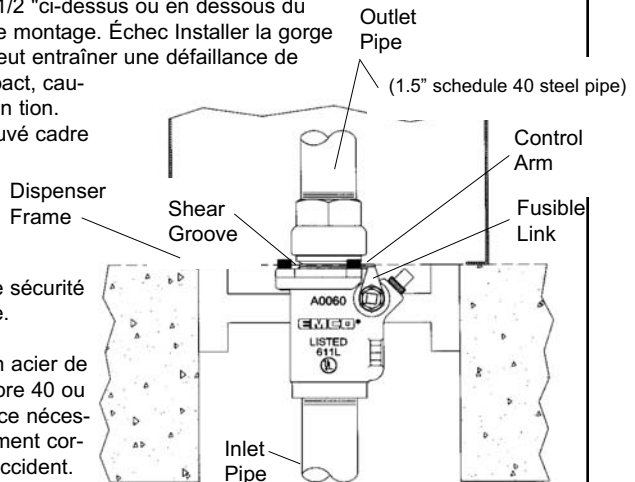
The mounting structure must withstand a minimum of 650 lbs. force per shear valve without permanent deformation.

The outlet pipe must be 1 1/2" schedule 40 steel or equivalent size and strength to insure proper valve shear in the case of an accident.

AVERTISSEMENT: Le must du corps de vanne être ancrée rigidement à une structure membre dans l'île pour assurer rupture au cisaillement dans la rainure cas de choc grave. Le non- fournir un montage rigide peut résulter la défaillance de la vanne à fermer dans le cas de choc sévère, résultant en une perte excessive de produit et un situation dangereuse. La gorge de cisaillement doit être posi- tionné au même niveau ou à l'intérieur 1/2 "ci-dessus ou en dessous du haut de l.Distributeur cadre de montage. Échec Installer la gorge de cisaillement à ce niveau peut entraîner une défaillance de sécable en cas de grave l'impact, causant une dangereuse condition tion.

Laboratoire de placeur approuvé cadre barre stabilisatrice / istributeur ensembles sont fortement recom- mandé. La structure de montage doit résister à un minimum de 650 lbs. force par soupape de sécurité sans déformation permanente.

Le tuyau de sortie doit être en acier de calibre 40 ou en acier de calibre 40 ou équivalent et avoir la résistance nécessaire pour assurer un cisaillement correct de la soupape en cas d'accident.



Attaching Valve to Riser Pipe

1. Coat riser pipe threads with a non-hardening, gasoline-resistant pipe compound. Emco Wheaton Z0838 Anti-Seize Joint Seal is recommended for standard A0060 models. **DO NOT USE TEFLON TAPE.**
304 stainless steel risers and Gasoila E-Seal are required on stainless steel models to comply with UL certification.
2. Thread valve tightly on to the riser pipe wrenching on the main valve body only. **DO NOT WRENCH ABOVE THE SHEAR SECTION AS THIS CAN RESULT IN VALVE BREAKAGE.**
3. Maximum torque on pipe threads: 100 lbs. ft.; 135 newton-meters.

Attaching Valve to Fuel Dispenser

1. Coat the joining pipe threads with a non-hardening, gasoline-resistant pipe compound. Emco Wheaton Z0838 Anti-Seize Joint Seal is recommended for standard A0060 models. **DO NOT USE TEFLON TAPE.**
Gasoila E-Seal is required on stainless steel models to comply with UL certification.
2. Hold valve steady with one wrench on hex of the valve top section; use a second wrench to tighten the connection.
3. Maximum torque on pipe threads: 100 lbs. ft.; 135 newton-meters.

WARNING: Shut off power to the fuel pump before testing or servicing valves. DO NOT OPEN WHEN PIPING SYSTEM IS UNDER PRESSURE.

AVERTISSEMENT: Couper l'alimentation électrique de la pompe à carburant avant l'essai ou l'entretien vannes. NE PAS OUVRIR TUYAUTERIE est sous pression.

Manual Valve Operation

To open the valve, rotate fusible link assembly counter-clockwise and hook control arm into notch on fusible link assembly.

To close the valve, unhook control arm from fusible link assembly, allow fusible link assembly to rotate clockwise until it stops.

Required Maintenance

At least once per year, the valve should be manually opened and closed several times, then reset, to ensure that the valve is operating freely. Visually inspect all components for damage and replace as necessary.

WARNING: The underground storage tank should be isolated and not subjected to test pressure of the piping system.

AVERTISSEMENT: Le réservoir de stockage souterrain doit être isolé et non soumis à la pression d'épreuve du système de tuyauterie.

Pressure Testing the Piping System

All Emergency Valves are fitted with a 3/8" NPT test port. To test, shut off the pump, manually close the valve and remove the test plug. Attach gauge and pressurize. It is not necessary to break any other connections. Maximum recommended test pressure is 50 PSI. Test in accordance with NFPA30A. When reinstalling test plug, apply a non-hardening gasoline resistant pipe compound to the threads. Emco Wheaton Z0838 Anti-Seize Joint Seal is recommended for standard A0060 models.

Gasola E-Seal is required on stainless steel models to comply with UL certification.

Replacing Top Shear Section

1. Shut off power to the fuel pump and drain system.
2. Manually shut off valve.
3. Remove the three (3) Allen head cap screws and lift top section from valve body. Remove o-ring.
4. Install the new o-ring and new top section. Replace and tighten the three (3) Allen head cap screws.
5. Replace any parts which appear to have even slight damage.
6. Reattach piping to dispenser and test for leaks.

Replacement Kits

<u>Part No.</u>	<u>Description</u>	<u>Outlet</u>
492938	1 1/2" Replacement Top; 1 Poppet	Male
492939	1 1/2" Replacement Top; 1 Poppet	Female
493885	1 1/2" Replacement Top; 1 Poppet	Female BSPT
493886	1 1/2" Replacement Top; 1 Poppet	Male BSPT
493887	1 1/2" Replacement Top; 2 Poppets	Male
493888	1 1/2" Replacement Top; 2 Poppets	Female
493889	1 1/2" Replacement Top; 2 Poppets	Male BSPT
493890	1 1/2" Replacement Top; 2 Poppets	Female BSPT
492963	Fusible Link Kit	
A0065-002	U-Bolt Kit	
A0065-001	Mounting Kit*	

*Used to mount the A0060 to the dispenser pan stabilizer bar. The kit includes 2 U-bolts, 4 lock washers, 4 hex nuts, 3 socket head counter-sunk screws and mounting plate.