

GTI SERVICE NOTE

GTI 125

November 3, 2016

DUNGS Fights Counterfeiting

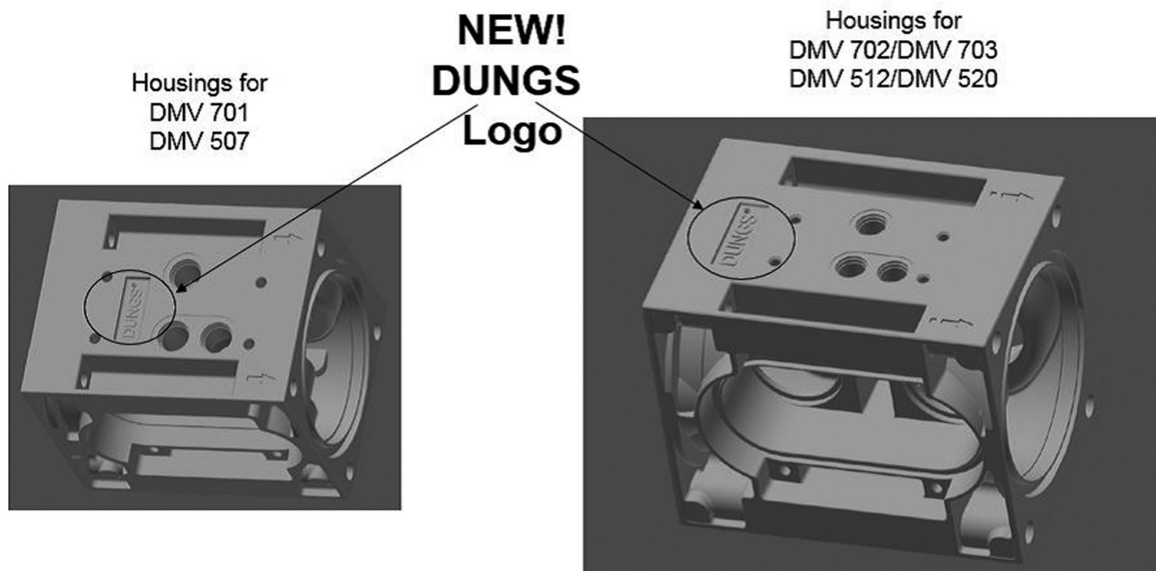
To combat ongoing counterfeit products in the market, DUNGS has implemented changes to the die-cast housing of several safety shutoff valves.

Effective immediately:

The ROP Switch Adapter, P/N G11013 will now come with 2 adapters. You will need to select the correct adapter, either Left or Right, depending on which side you choose to install the ROP Switch (G11012). Please see below for details regarding the reason for the change and installation instructions.

Since we only use the G11013 on the series 25 and 50 series gas trains, the series 65 and 80 gas trains are not affected.

The castings of the series DMV 701, DMV 507, DMV 702 (valve body on the series 50 dual modular valve), DMV 512, DMV 703 and DMV 520 safety shutoff valves now have an imprint with the DUNGS logo on both sides of the valve body as shown here.



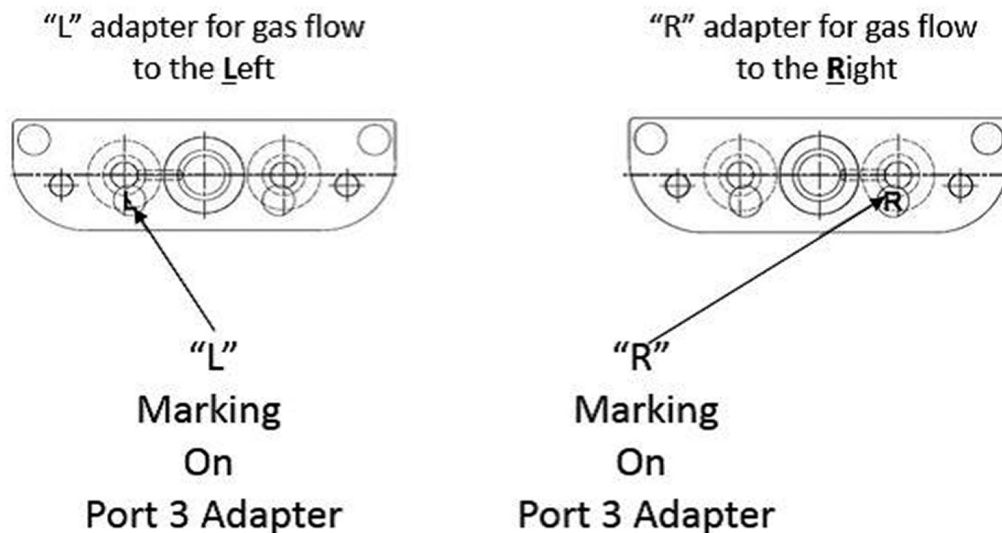
For the DMV 701 and DMV 507 series valves, the DUNGS logo interferes with one of the o-ring seals of the existing port 3 adapter (Article #214975). As a result, there is now a new port 3 adapter that will accommodate the new DUNGS logo.

The permanent change to the port 3 adapter (Article #214975), which is used when direct-mounting the GAO-A2 or GMH-A2 (Altronic P/N G11012) series pressure switches to DMV series valves in order to sense pressure downstream both safety shutoff valves (Downstream of V2), is as follows:

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Modification #1: the adapter plate itself will be **DIRECTION SENSITIVE**. Marked now with an **L**, or the other is marked with an **R** (see illustration below).



L adapter is for mounting a pressure switch to port 3 when the gas flow is to the **left**.

This adapter is now internally drilled only on the left side to permit gas pressure to the switch. Thus, a seal is only needed between the o-ring seal at the drilled port and port 3, which is on the left side.

R adapter is for mounting a pressure switch to port 3 when the gas flow is to the **right**.

This adapter is now internally drilled only on the right side to permit gas pressure to the switch. Thus, a seal is only needed between the o-ring seal at the drilled port and port 3, which is on the right side.

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FIGURE 1 shows the location of the **L** marking on the port 3 adapter and the **L** marking relative to the gas flow and its mounting position on the DMV valve.

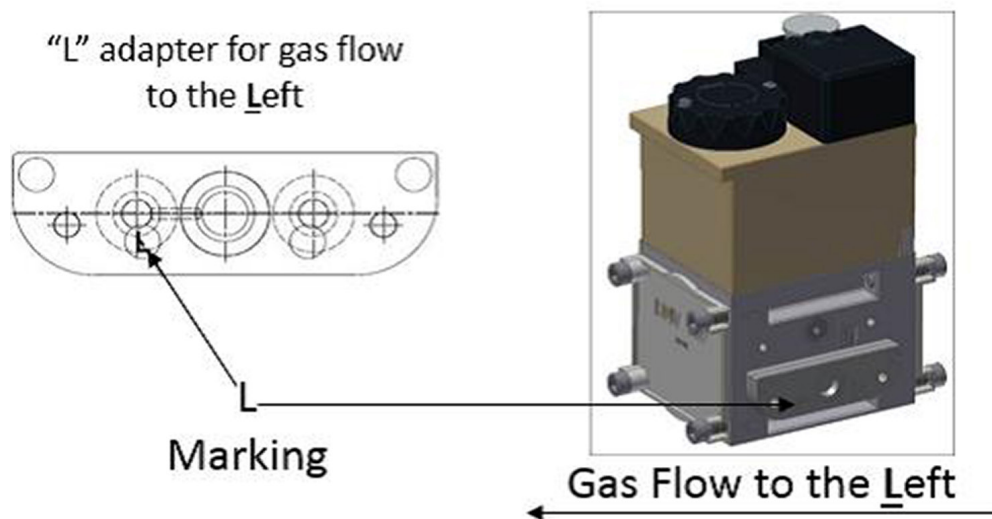


FIGURE 1

FIGURE 2 shows the location of the **R** marking on the port 3 adapter and the **R** marking relative to the gas flow and its mounting position on the DMV valve.

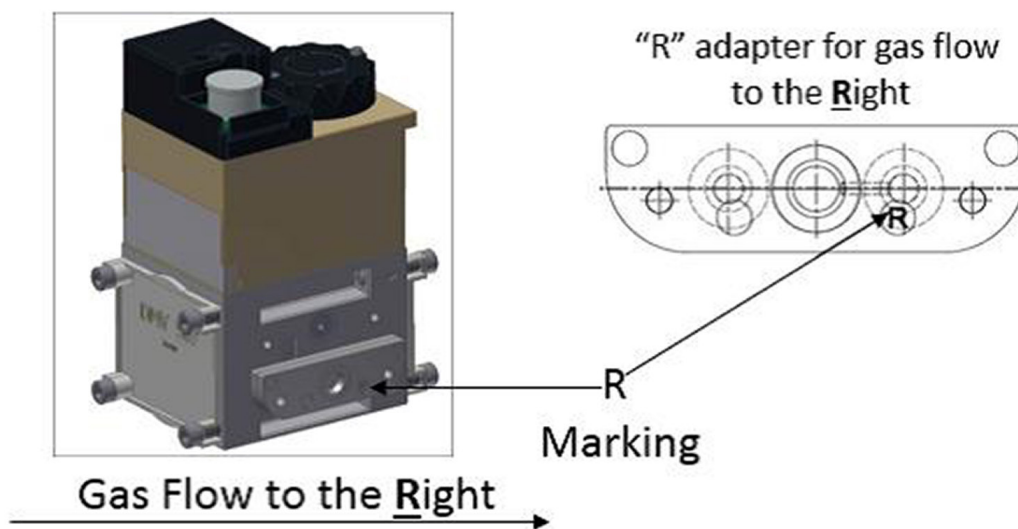


FIGURE 2

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Modification #2: The Article **#214975** for the port 3 adapter is now **OBSOLETE** for all valves. A new Article **#273777** for the port 3 adapter is now released.

Effective immediately, use Article **#273777** for the port 3 adapter in order to direct-mount the GAO-A2 or GMH-A2 series pressure switches to the side of the DMV to sense pressure downstream from both safety shutoff valves.

Other than selecting the correct adapter based on the gas flow direction, there is no change to the mounting procedure of the port 3 adapter.



Warning:

1. Do not use the obsolete port 3 adapter under Article #214975 on any DMV 701/DMV 507 if the new DUNGS logo is cast into the valve body. Use only port 3 adapter Article #273777. Using the obsolete port 3 adapter under Article #214975 on DMV 701/DMV 507 series valves results in the following:
 - a. There will be external leakage between the DUNGS logo and the o-ring of the port 3 adapter.
 - b. The gas switch will no longer sense the accurate gas pressure.

After initial installation, always perform external leaking testing and verify proper operation of safety devices.

2. Using the **L**-marked adapter where the **R**-marked adapter should be used (or vice versa) on DMV 701/DMV 507 series valves, where the new DUNGS logo is cast into the valve body, results in the following:
 - a. There will be external leakage between the DUNGS logo and the o-ring of the port 3 adapter.
 - b. The gas switch will no longer sense any gas pressure.

After initial installation, always perform external leaking testing and verify proper operation of safety devices.

3. Using the **L**-marked adapter where the **R**-marked adapter should be used (or vice versa) on DMV 702/ DMV 703 /DMV 512 / DMV 520 series valves, where the new DUNGS logo is cast into the valve body, results in the following:
 - a. The gas switch will no longer sense any gas pressure.

After initial installation, always perform external leaking testing and verify proper operation of safety devices.