

1. DESCRIPTION

This bulletin shows all Viking NPT sprinklers that are available to be used with the Model IS-W2 InstaSeal[®] Welded Sprinkler Fittings as well as the associated tool for aligning the sprinkler frame arms.

Always refer to the sprinkler's technical data page and the InstaSeal installation instructions for important installation information.

2. LISTINGS AND APPROVALS

For Listing and Approval specifications, refer to the sprinkler's technical data sheet.



⚠ CAUTION

DO NOT USE sprinkler wrenches with the InstaSeal fittings.

NOTICE

NFPA 25 requires that one sprinkler wrench as specified by the sprinkler manufacturer shall be provided for each type of sprinkler installed to be used for the removal and installation of sprinklers in the system.

In order to meet this criteria, Viking recommends providing the applicable alignment tool in the sprinkler cabinet for each type of sprinkler installed in the InstaSeal fittings.



IS-W2 INSTASEAL COMPATIBLE 1" NPT SPRINKLERS

| SIN | Part Number (NPT) | Temperature | Thread Size | Description | Alignment Tool | Repair Kit Part Number ¹ |
|--------|-------------------|-------------|-------------|-----------------|-----------------|-------------------------------------|
| VK506 | 18493AC-TQ | 165 °F | 1" NPT | ESFR, K22 | 24838 (1" side) | 26595 |
| | 18493AE-TQ | 205 °F | | | 26610 (Side B) | |
| VK510 | 12080AC-TQ | 165 °F | 1" NPT | ESFR, K25 | 24838 (1" side) | |
| | 12080AE-TQ | 205 °F | | | 26610 (Side B) | |
| VK514 | 22894AC-TQ | 165 °F | 1" NPT | ESFR, K28 | 24838 (1" side) | |
| | 22894AE-TQ | 205 °F | | | 26610 (Side B) | |
| VK592 | 14243AC-TQ | 160 °F | 1" NPT | CMSA, K19.6 | 24838 (1" side) | |
| | 14243AE-TQ | 205 °F | | | 26610 (Side B) | |
| VK598 | 19522AB-TQ | 155 °F | 1" NPT | Standard, K25.2 | 24838 (1" side) | |
| | 19522AD-TQ | 175 °F | | | 26610 (Side B) | |
| | 19522AE-TQ | 200 °F | | | | |
| | 19522AG-TQ | 286 °F | | | | |
| VK5141 | 25247AB-TQ | 155 °F | 1" NPT | ESFR, K28 | 24838 (1" side) | |
| | 25247AE-TQ | 200 °F | | | 26610 (Side B) | |

¹IS-W2 repair kit includes gasket removal tool (1), push-rod (1), nozzle (1), and 1" gaskets (6). Refer to Figure 1 below.

IS-W2 INSTASEAL COMPATIBLE 3/4" NPT ESFR SPRINKLERS

| SIN | Part Number (NPT) | Temperature | Thread Size | Description | Alignment Tool | Repair Kit Part Number ¹ |
|-------|-------------------|-------------|-------------|-------------|-------------------|-------------------------------------|
| VK500 | 10284AC-TQ | 165 °F | 3/4" NPT | ESFR, K14 | 24838 (3/4" side) | 26596 |
| | 10284AE-TQ | 205 °F | | | | |
| | 27393AC-TQ | 165 °F | 3/4" NPT | ESFR, K14 | 26610 (Side C) | |
| | 27393AE-TQ | 205 °F | | | | |
| VK503 | 14073AC-TQ | 165 °F | 3/4" NPT | ESFR, K16.8 | 24838 (3/4" side) | |
| | 14073AE-TQ | 205 °F | | | | |
| | 27394AC-TQ | 165 °F | 3/4" NPT | ESFR, K16.8 | 26610 (Side C) | |
| | 27394AE-TQ | 205 °F | | | | |

¹IS-W2 repair kit includes gasket removal tool (1), push-rod (1), nozzle (1), and 3/4" gaskets (6). Refer to Figure 1 below.

IS-W2 INSTASEAL COMPATIBLE 3/4" NPT ELO SPRINKLER

| SIN | Base Part Number ¹ (NPT) | Finish | Temperature | Thread Size | Description | Alignment Tool | Repair Kit Part Number ² |
|-------|-------------------------------------|--------------------------------|------------------|-------------|---|----------------|-------------------------------------|
| VK377 | 08337XX-TQ | All finishes | All temperatures | 3/4" NPT | ELO, Quick Response Pendent K11.2 CMDA | 26677 | 26596 |
| VK536 | 07961XX-TQ | All finishes except wax coated | All temperatures | 3/4" NPT | ELO, Standard Response Pendent K11.2 CMDA | 26677 | |
| VK530 | 09679XX-TQ | All finishes except wax coated | All temperatures | 3/4" NPT | ELO, Standard Response Upright K11.2 CMDA | 26677 | |
| VK531 | 10633XX-TQ | All finishes | All temperatures | 3/4" NPT | ELO, Quick Response Upright K11.2 CMDA | 26677 | |

¹ Where "XX" shows in the base part number, enter the suffixes for the desired finish and temperature. Refer to the applicable sprinkler's technical data.

² IS-W2 repair kit includes gasket removal tool (1), push-rod (1), nozzle (1), and 3/4" gaskets (6). Refer to Figure 1 below.

IS-W2 INSTASEAL COMPATIBLE 3/4" NPT MODEL XT1 SPRINKLERS (8.0K)

| SIN | Base Part Number ¹ (NPT) | Finish | Temperature | Thread Size | Description | Alignment Tool | Repair Kit Part Number ² |
|--------|-------------------------------------|--------------|------------------|-------------|---------------------------|----------------|-------------------------------------|
| VK2001 | 23875XX | All finishes | All temperatures | 3/4" NPT | Standard Response Upright | 26676 | 26596 |
| VK2021 | 23876XX | All finishes | All temperatures | 3/4" NPT | Standard Response Pendent | 26676 | |
| VK3501 | 23877XX | All finishes | All temperatures | 3/4" NPT | Quick Response Upright | 26676 | |
| VK3521 | 23878XX | All finishes | All temperatures | 3/4" NPT | Quick Response Pendent | 26676 | |

¹ Where "XX" shows in the base part number, enter the suffixes for the desired finish and temperature. Refer to the applicable sprinkler's technical data.

² IS-W2 repair kit includes gasket removal tool (1), push-rod (1), nozzle (1), and 3/4" gaskets (6). Refer to Figure 1 below.

IS-W2 INSTASEAL COMPATIBLE 1/2" NPT MODEL XT1 SPRINKLERS (5.6K)

| SIN | Base Part Number ¹ (NPT) | Finish | Temperature | Thread Size | Description | Alignment Tool | Repair Kit Part Number ² |
|--------|-------------------------------------|--------------|------------------|-------------|---------------------------|----------------|-------------------------------------|
| VK1001 | 23867XX | All finishes | All temperatures | 1/2" NPT | Standard Response Upright | 26676 | 26597 |
| VK1021 | 23868XX | All finishes | All temperatures | 1/2" NPT | Standard Response Pendent | 26676 | |
| VK3001 | 23869XX | All finishes | All temperatures | 1/2" NPT | Quick Response Upright | 26676 | |
| VK3021 | 23870XX | All finishes | All temperatures | 1/2" NPT | Quick Response Pendent | 26676 | |

¹ Where "XX" shows in the base part number, enter the suffixes for the desired finish and temperature. Refer to the applicable sprinkler's technical data.

² IS-W2 repair kit includes gasket removal tool (1), push-rod (1), nozzle (1), and 3/4" gaskets (6). Refer to Figure 1 below.

IS-W2 REPAIR KIT

NOTE: Item sizes vary by kit part number.

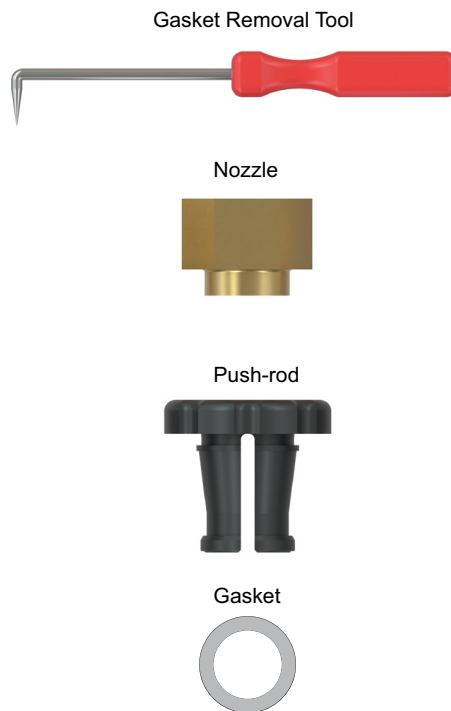


Figure – 1: Repair Kit Components