KITCHEN FIRE SUPPRESSION SYSTEM

BULLETIN NO. SL-211 REV. -

Date: November 2024

To: Authorized Amerex Distributors and OEMs

From: Sales and Product Management—Kitchen Systems

Re: Amerex GreaseOut Detection Seal

Note: This technical bulletin serves as an addition to the KP/ZD Design, Installation, Maintenance, & Recharge Manual P/N 20150 Amerex Restaurant Fire Suppression System dated February 14th, 2019. This technical bulletin is not meant to replace any requirements and/or limitations within and the information in the bulletin will be added at the next revision. This bulletin defines a UL LISTED PRODUCT for Amerex Restaurant Fire Suppression Systems.

Amerex is announcing the addition of a new KP/ZD system component for link detector brackets used with an MRM. These components must be installed in accordance with the instructions mentioned in this bulletin in addition to the requirements of NFPA (National Fire Protection Association) 17A and NFPA 96.

A new, effective, and valuable product to kitchen fire suppression that is UL 1254 Listed **exclusively** for Amerex UL 300 Listed systems, the Amerex GreaseOut Detection Seal is a shielded guide bushing assembly for detection networks. This product provides protection against grease ingress into detection conduit.

This assembly will include both the insert (Figure 1) and the collar (Figure 2). The collar is to be installed on the exposed threads of the 1/2” EMT conduit fitting on a detector bracket, and the insert shall be installed into the collar.

This product will be offered as followed:

- **(P/N 28250) Assembly package including a 24 count of GreaseOut inserts and collars.**
- **(P/N 28251) 48 pack of GreaseOut inserts for replacements.**

Installation instructions will proceed this page.

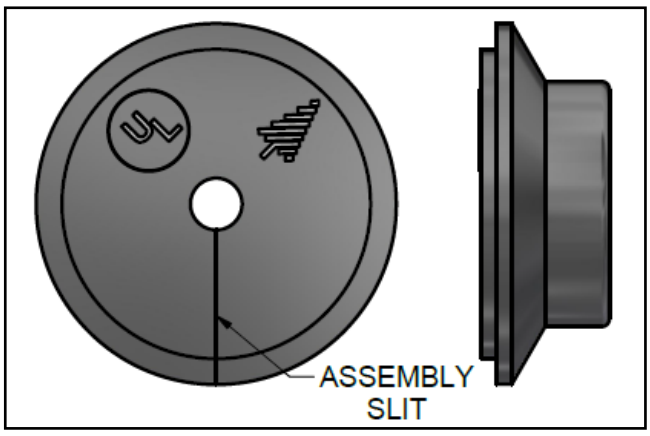


Figure 1: GreaseOut insert

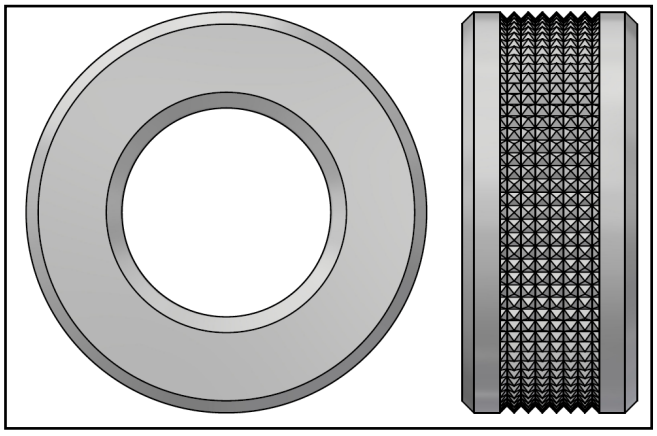


Figure 2: GreaseOut collar

Installation Instructions

1. Taking a detector bracket (P/N 11997), install the 1/2” EMT conduit connectors (P/N 12768) to the bracket.
2. Install the GreaseOut collar on the exposed threaded portion of the conduit connectors on the inside of the detector bracket hand tight against the jam nut—this can be done with the detector bracket either mounted or unmounted.
3. Run detection cable (P/N 12553) through the bracket(s) and place the scissor link(s) (P/N 13050) into the cable and bracket with the appropriate detection/test link.
4. Set the tension on the detection cable at the MRM.
5. Using the slit in the GreaseOut insert, place the insert around the detection cable with the flat stamped marked surface towards the installed scissor link.
6. Using your thumb, carefully push the outer edges of the insert into the collar so that the face of the insert is flush with the face of the collar.

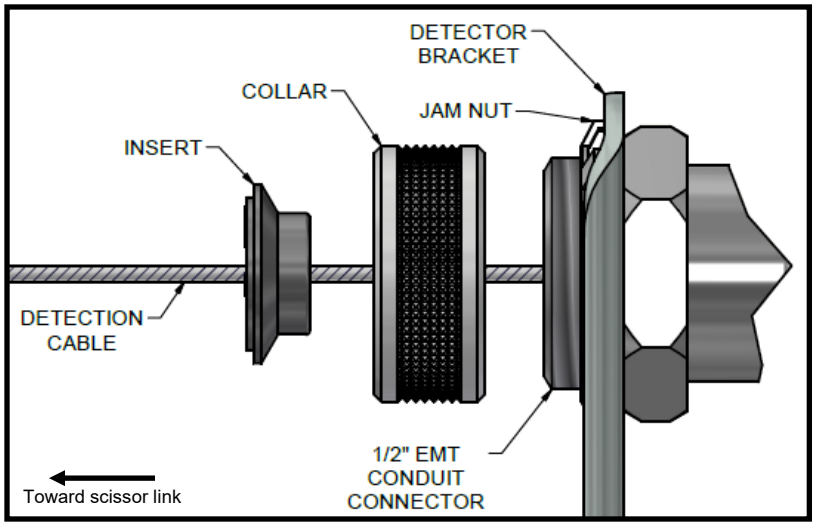


Figure 3: Exploded, unassembled view of GreaseOut

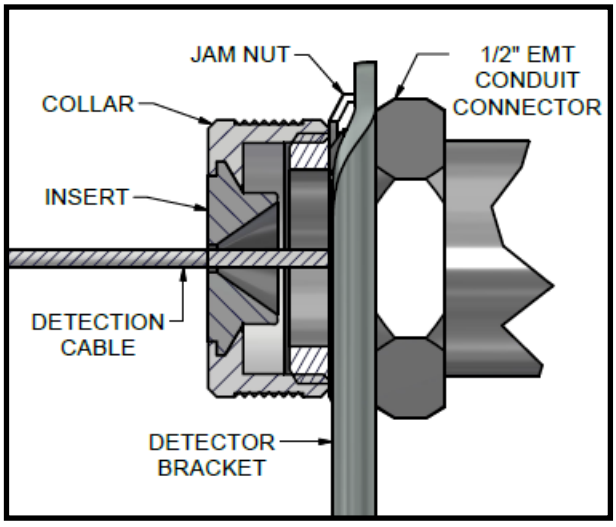


Figure 4: Assembled GreaseOut

Network Limitations:
When utilizing the shielded guide bushing assembly, the following detection network restrictions apply:

- **20 detector brackets max**
- **25 corner pulleys max**
- **175 feet of detection cable max**

Maintenance Requirements:
The GreaseOut inserts only **shall be replaced every 6 months at minimum** during semi-annual inspections, as well as any time there is a system discharge. For more extreme applications where the detection network is exposed to a higher volume of grease vapors and/or heat, these inserts may be required to be inspected (and possibly replaced) every 3 months. Early replacement would be constituted by a large build up of grease on/around the insert, or any irregularities of the insert.

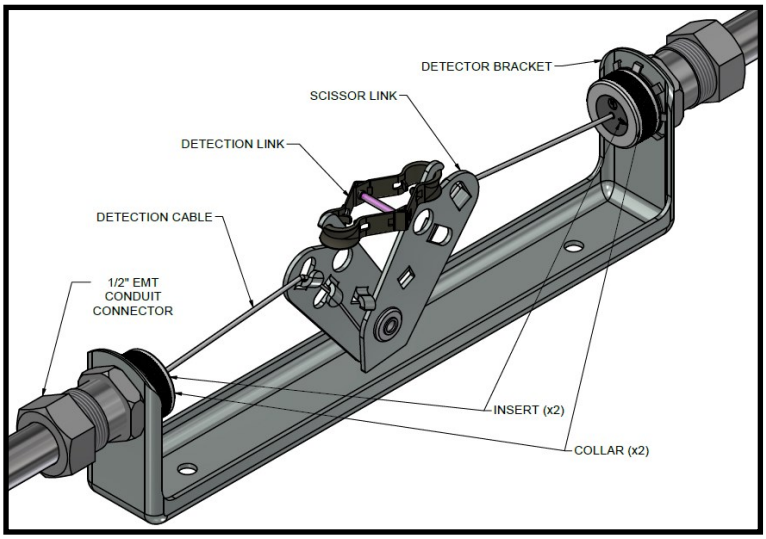


Figure 5: Completed assembly of detector bracket with Amerex GreaseOut installed