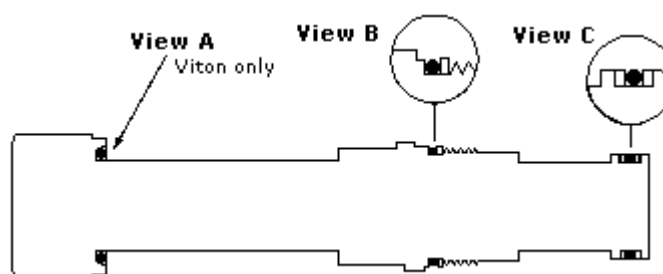


## Series 1 - T-13A cavity buna-N cartridge seal kit

Model:  
**990-413-007**

Sun offers replacement seal kits for all cartridge models. These kits include all of the external seals on the cartridge along with installation instructions. Seal kits are available in both Buna-N and Viton. Please note: Converting the external seals from one material to another does not ensure fluid compatibility with that material due to the existence of internal seals within the cartridge.



### Technical Features

- The shelf life for a Buna-N cartridge seal kit is ten years from date of purchase. This date will be printed on the kit packaging.

### Cartridge Installation Data

|                           | U.S. Units     | Metric Units |
|---------------------------|----------------|--------------|
| Cavity                    | T-13A          |              |
| Cartridge Thread          | M20            |              |
| Valve Hex Size            | 7/8 in.        | 22,2 mm      |
| Valve Installation Torque | 30 - 35 lbf ft | 40 - 50 Nm   |

**990-413-007**

### What models can this kit be used on?

|      |       |      |       |      |       |      |      |
|------|-------|------|-------|------|-------|------|------|
| DLDA | DLDAZ | DLDM | DTCAS | DTCM | DTDAS | FPCC | FPCH |
|      |       | DTCA | DTCAZ | DTDA | DTDM  |      |      |

### Display Components

|             | Description | Quantity | View |
|-------------|-------------|----------|------|
| 500-002-017 | O-Ring      | 1        | B    |
| 515-002-016 | Backup Ring | 1        | B    |
| 500-051-590 | O-Ring      | 1        | C    |
| 500-101-116 | O-Ring      | 1        | A    |
| 515-052-601 | Backup Ring | 2        | C    |
| 999-019-111 | Literature  | 1        |      |

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**Instructions/Notes**

- Install back-up rings and O-rings as shown in views.
  - See installation variations for models associated with alternative installation views.
  - When installing continuous back-up rings, use the same technique and the same care used to install O-rings.
  - When installing cartridge - be sure to torque to recommended value.
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