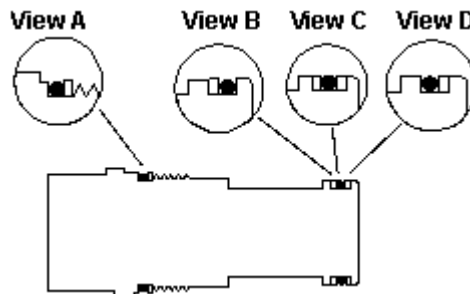# Series 1 - T-10A cavity and T-13A cavity, buna-N, cartridge seal kit

Functional Group:
Products : Accessories : Cartridge Seal Kits

Model:
990-010-007

Product Description

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. See Seal Kit General Guidelines below for detailed information.

Technical Features

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

- The Series 1, two port cavity comes in two versions: the T-10A and the T-13A. The T-10A cavity is typically used in relief applications which require larger port areas, hence a deeper cavity. The T-13A cavity is typically used in flow control applications and utilizes a smaller port area. Since both cavities are Series 1, two port, they share common seal kits, but exclude the possibility of cartridge interchangeability between the two functions.

Technical Data

	U.S. Units	Metric Units
Cavity	T-10A	
Cartridge Models	CDAC, CXDF, CNDB, CSAC, CNDC, CXDA, CXDB, FLDA, NFCC, NFCD	

Cartridge Installation Data

	U.S. Units	Metric Units
Cartridge Thread	M20	
Installation Torque	30 - 35 lbf ft	45 - 50 Nm
Valve Hex Size	7/8 in.	22,2 mm

Option Selection:

990-010-007

Related Information

[Seal Kit General Guidelines](#)

Instructions

- Install back-up rings and O-rings as shown in 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.

- See installation variations for models associated with alternative installation views.