Carter® Brand
Special Tools

Model 60554ST1
Model 61362
Model 61607
Model 61656
Model 61657-2
Model 64000
Model IF220351
Model TF64191-2

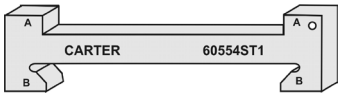
Powering Business Worldwide

Special Tools

Some of Eaton's Carter brand products require special tools to maintain and overhaul them. In some instances, the use of special tools will simply make the job faster and easier. This brochure outlines those special tools that are essential to maintaining Eaton's Carter brand products.

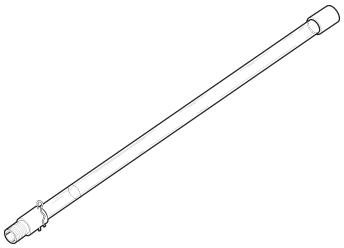
60554ST1
Hydrant Outlet Wear Gauge

This gauge is now available to check for wear on the interface of Carter brand hydrant pit valves made in accordance with API bulletin1584, 3rd edition. Refer to the appropriate service manual for instructions.



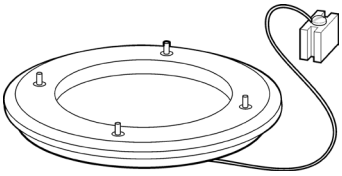
61607
Ball Tool for Models 64348/64349/61428 & 61429 Nozzles

The ball removal and installation tool is utilized to collect and automatically count the balls used in the swivel joints of the nozzle. It is simple to use and assures that the proper installation is achieved. It is suggested that a separate tool be used for each swivel joint. A minimum of two are required for the simplest of nozzle configurations (one for the collar swivel and one for the hose swivel). Three are required for a nozzle having a hose end control valve (HECV) or a ball valve.



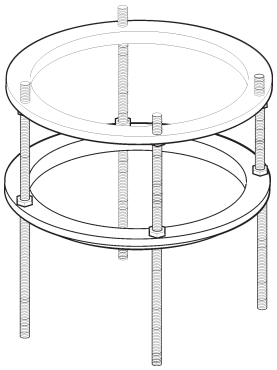
61362
Coupler Lower Half Wear Gauge

This gauge is used to determine if any one of several parts used in the lower half of Models 61525, 60600, 60600-1, 60700-1, 64800, 64802, 64804. 64900 or 64902 couplers, designed in accordance with API bulletin1584, are worn beyond useful life. It should be used at each overhaul to determine the useful life of the lugs, body or collar used in these couplers. A new addition to the gauge provides definitive information on the condition of the lugs. Refer to the appropriate service manual for instructions.



TF64191-2
Compression Spring Tool

The compression spring tool is used to safely relieve pressure from and allow removal and reinstallation of the large breakaway spring in the probe half of Model 64191 7 inch emergency breakaway coupling.



Additional tools are available for use in overhauling probe assembly 64191-1 and receiver assembly 64191-2 components:

- Model TF64191-4
  seal installation sleeve
- Model TF64191-5
  male adapter test assembly tool
- Model TF64191-6
  female adapter test assembly tool
- Model TF64191-7
  hand tool set for 64191-1
- Model TF64191-8
  hand tool set for 64191-2

61656
Blockout Device

The blockout device is recommended for use when defueling through a hose end control valve (HECV), or when it is necessary to check the secondary pressure control device in a system. The blockout device does not introduce fuel into the ambient port of the HECV which can later become a dangerous spray during operation. It can be used on most Eaton Carter brand hose end control valves.

61657-2
Aircraft Adapter Wear Gauge

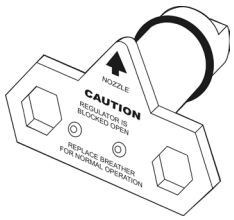
Aircraft adapters can wear to the point where they are unsafe to refuel. Model 61657-2 aircraft adapter wear gauge can be used to determine this unsafe condition. The gauge checks three wear points on each adapter, the width and thickness of the three lugs and the width of the three slots found on the adapter. It can be used on bottom loading and stowage adapters, as well. An inadvertent disconnect from either can be just as dangerous as one that might occur when refueling an aircraft.

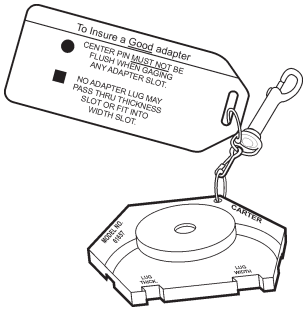
64000
Poppet Adjustment Gauge

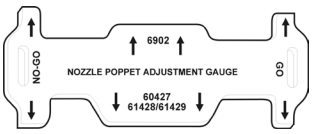
This simple inexpensive gauge provides an accurate method of achieving the proper adjustment of the poppet of Model 64348 nozzle. The gauge can be used on all Carter brand underwing nozzles except Models 64200 and 64250. Use gauge 64250ST-1 for these later style nozzles.

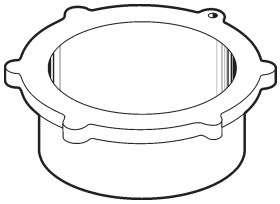
IF220351
Quick Disconnect (QD)
Wear Gauge

The ball locking sleeve on the standard QD and the dry break disconnects will wear with age. Wear of the sleeve can cause the disconnect to accidentally separate, resulting in a possible spill. Model IF220351 inspection gauge is designed to determine the safe limits of the sleeve wear. It can be used for either the standard QD on Model 60427 nozzle, Model 60672-1 dry break or the newer Model 61154 dry break.









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