

**APPLICABLE TO ALL CARTER 4" API
HYDRANT VALVES & COUPLERS**

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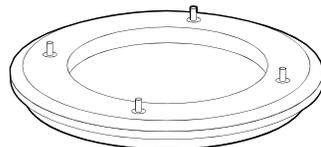
NEW API HYDRANT VALVE GAUGE AVAILABLE

As required by API/IP 1584, third edition, dated April 2001, Wear Gauges for "operationally critical faces" are to be provided by the manufacturer of the hydrant valves. These gauges will make it possible to routinely assess wear without disassembling the components.

For years Carter Ground Fueling has offered a gauge, 61362, designed to check the wear limits of its API couplers. (Refer to Bulletin 61656 6/97.) The 61362 will indicate whether the wear limits, of the various parts of the coupler that affect the "grip" of the coupler to the hydrant valves, are within acceptable limits.

Carter is also happy to announce the release of a new gauge for checking the interface surface of our API Hydrant Valves. Carter's gauge 60554ST1 is a "go, no-go" gauge designed to quickly and easily check for unacceptable wear on the interface surfaces of hydrant valves manufactured by Carter.

Due to the new coupler "break away" requirements specified by the third edition, the wear limits must be closely monitored to ensure the integrity of the design and its ability to perform when external loads are applied. Extremely worn components may result in a premature separation during high surge or quick shutdown pressures.



61362 COUPLER WEAR GAUGE

When used with any Carter API coupler, the gauge will indicate that the "coupler interface" used to connect to the hydrant valve is within dimensional limits and safe for use. There are several parts within the coupler that affect the interface, so if the coupler fails the gauge inspection, more than one part may be worn and need to be replaced.

**60554 4"
HYDRANT
VALVE**



**64800 3 X 4"
HYDRANT
COUPLER**

60554ST1 HYDRANT WEAR GAUGE



The new Carter hydrant wear gauge can be used on a valve without any disassembly. It will reveal wear to the hydrant valve interface which is beyond acceptable limits. Instructions on its use and remedies if wear is present are being added to the respective service manuals for the particular hydrant valve. Later models of Carter Hydrant Valves have a replaceable interface ring that makes it easy and economical to overhaul. Older Carter Hydrant Valves (those without the replaceable interface ring feature) can be converted by using KD60554-9. This Kit provides a complete upper housing assembly with the new poppet, also required by the third edition.