

OPW “C” Series Receptacles

A. GENERAL

Installation shall be in accordance with the requirements of the authorities having jurisdiction. Only technicians with high pressure gas fitting experience are qualified to install these parts.

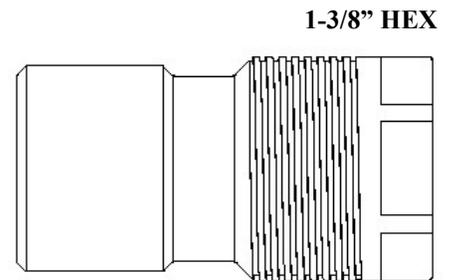
B. INSTALLATION INSTRUCTIONS

1. The installer must mount the receptacles to rigid part of the vehicle. The mounting hardware must be secured by the steel shaft/nut and not introduce loads on the receptacle adapter housing.

NOTE: The mounting hardware for the receptacle shall be capable of withstanding, without distortion, a force equivalent to the 150 lb. [668 N] release force of the fueling system breakaway device or as prescribed by the Authorities having jurisdiction.

2. The type of application will determine which receptacle to use:

CL50 = 7/8"-14 UNF SAE-10 (J1926) Female Port with 1-3/8" wrench flats
CL5078 = 7/8"-14 UNF SAE-10 (J1926) Male fitting with 1-3/8" wrench flats
CL5000 = 5/8" Double Ferrule Fitting with 1-3/8" wrench flats
CL5016 = 16mm" Double Ferrule Fitting with 1-3/8" wrench flats
CL50B50 = 1/2" Double Ferrule Fitting with 1-3/8" wrench flats
CL50P30HD = 7/8"-14 UNF SAE-10 (J1926) Female Port with 1-3/8" wrench flats
CL50P36HD = 7/8"-14 UNF SAE-10 (J1926) Female Port with 1-3/8" wrench flat <i>NOTE: This model is 34MM</i>



3. The receptacle comes complete with dust cap. Do not mix other manufacturer's components with OPW supplied mounting hardware
4. Before attaching the receptacle, ensure that both the female port and the adapter fitting are clean and free of debris in the threads
5. If equipped, lubricate O-rings before installing the receptacle
5. Torque the Receptacle to a range of: 30-35 ft-lbs. [41-47 N-m]
6. Visually inspect to ensure that the O-ring has not been damaged
7. Carefully pressurize the system
8. Leak checks the seal with an approved leak checker such as "SNOOP®" or soapy water

C. OPERATION

OPW receptacles are for use on vehicles fueled by compressed Natural Gas for vehicles. These fueling receptacles operate in conjunction with OPW fueling nozzles. These nozzles and all dispensers have complete instructions on fueling operations. Refer to these procedures for details on coupling and uncoupling.

The receptacle comes complete with a protective cap that must be removed before fueling and properly replaced immediately after fueling. This protective cap will extend the useful life of the receptacle preventing damage to internal and external seals.

D. MAINTENANCE

1. The visible surfaces of the receptacle must always be clean and clear of all foreign debris, dirt and oil deposits.
2. The receptacle dust cap assembly and mounting hardware should be checked periodically to ensure that all parts continue to function properly and remain leak-free. Problems must be addressed by a qualified installation technician. Only trained installers can provide parts or receptacles.
3. ***THE USER MUST NOT ATTEMPT TO DISCONNECT OR DISASSEMBLE THE RECEPTACLE OR ITS MOUNTING.***
NOTE: ONLY QUALIFIED TECHNICIANS CAN SAFELY PERFORM REMOVAL OR REPAIR PROCEDURES

