



Dispensing Propane Safely Cylinder Components



Examples of Cylinders



1 lb.
Camp stove
cylinder



20 lb.
Grill cylinder



20 lb.
Horizontal
cylinder



30 lb.
Camper
cylinder



33.5 lb.
Forklift
cylinder



100 lb.
Larger
portable
cylinder

Refillable Cylinders



Camping Stove Cylinder



Forklift Cylinder

Refillable Cylinders



Mower Cylinder



Camper Cylinder

Refillable Cylinders



Large Portable Cylinder



BBQ Grill Cylinder

Aluminum, Steel, and Composite Cylinders



Aluminum, Steel and Composite Cylinders

Aluminum Cylinder:

Light weight, corrosion resistant.



Aluminum, Steel and Composite Cylinders

Steel Cylinder:

Most common. Subject to corrosion if not maintained properly.



Aluminum, Steel and Composite Cylinders

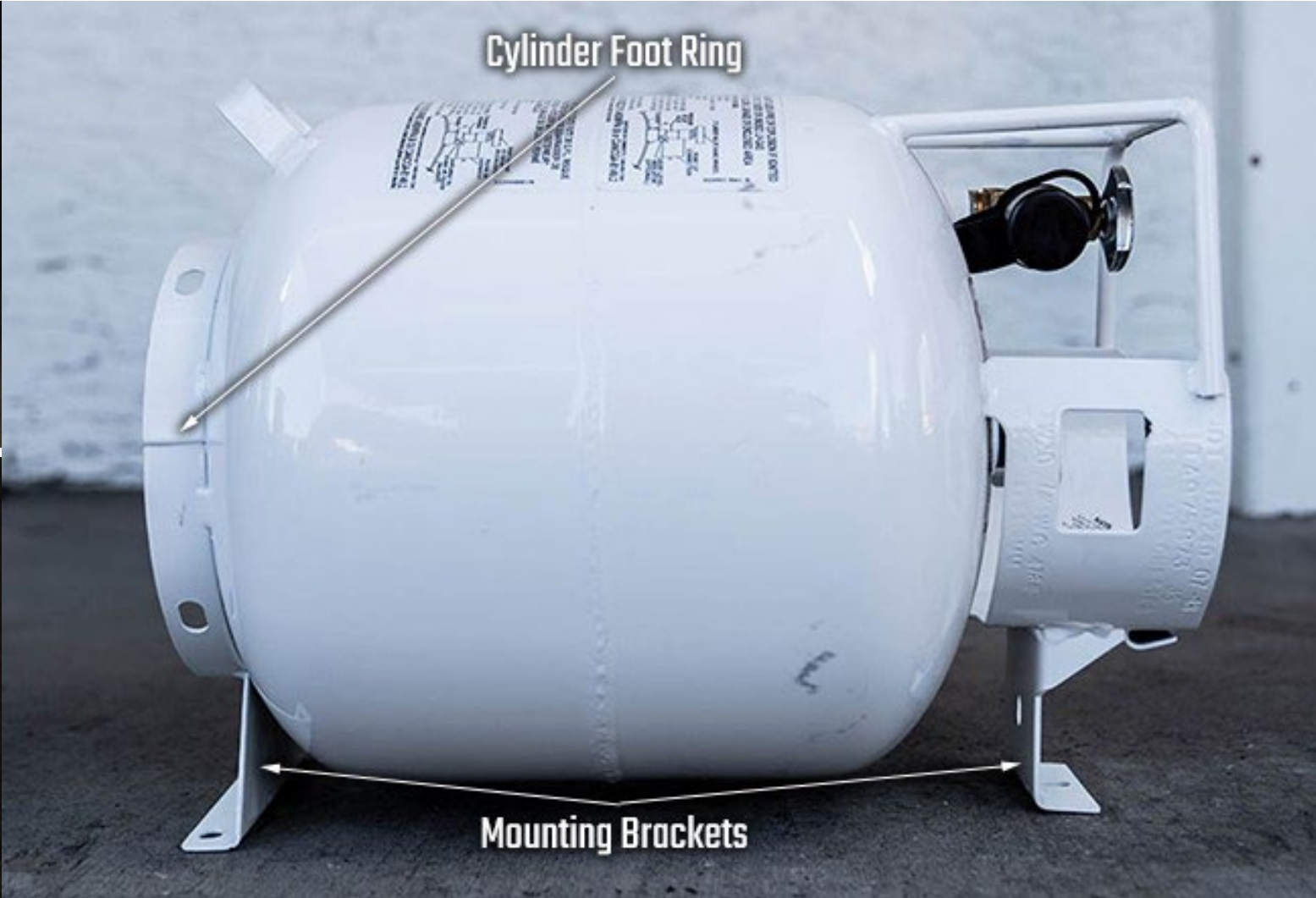
Composite Cylinder:

Requires special cleaning requirements.

Propane visible through the cylinder in some composites.



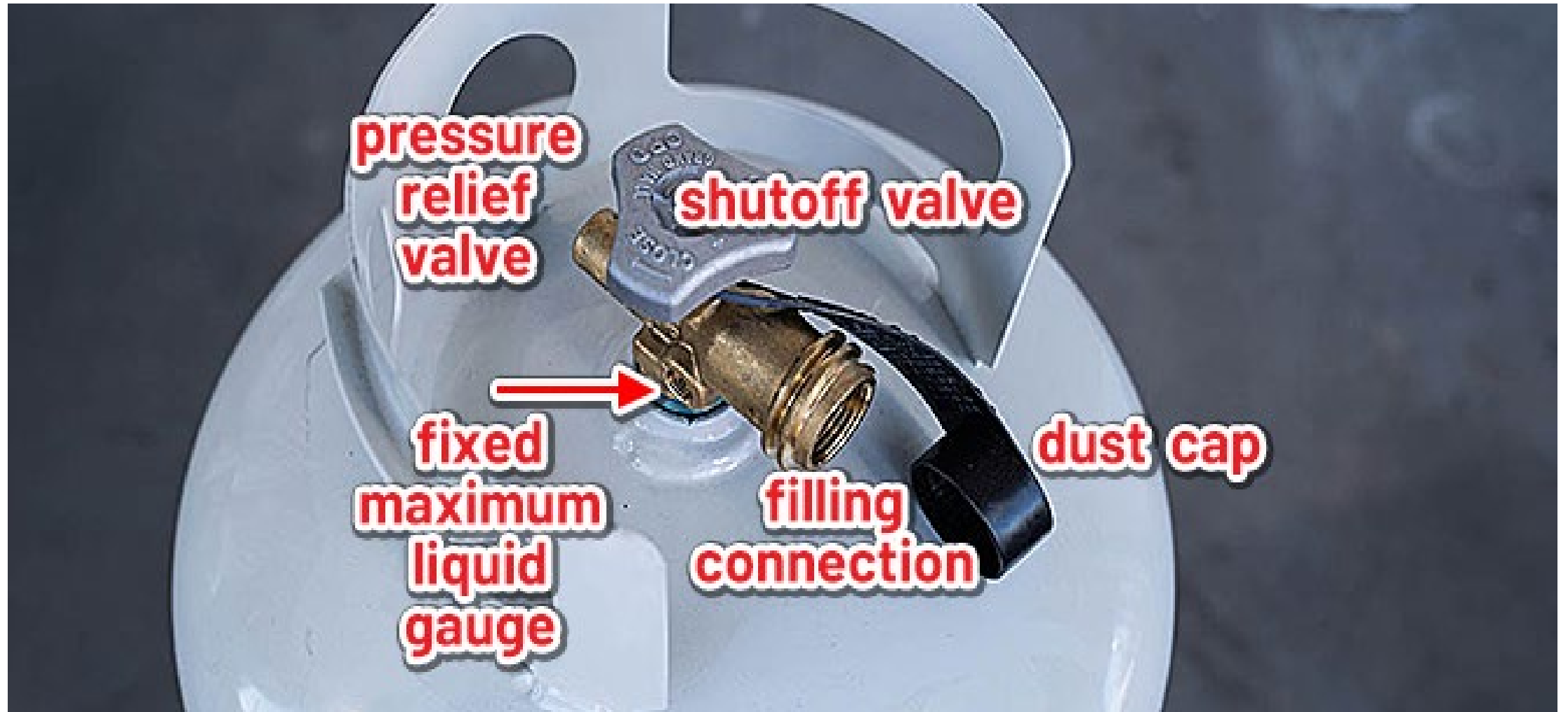
Cylinder Foot Ring



Cylinder Collar

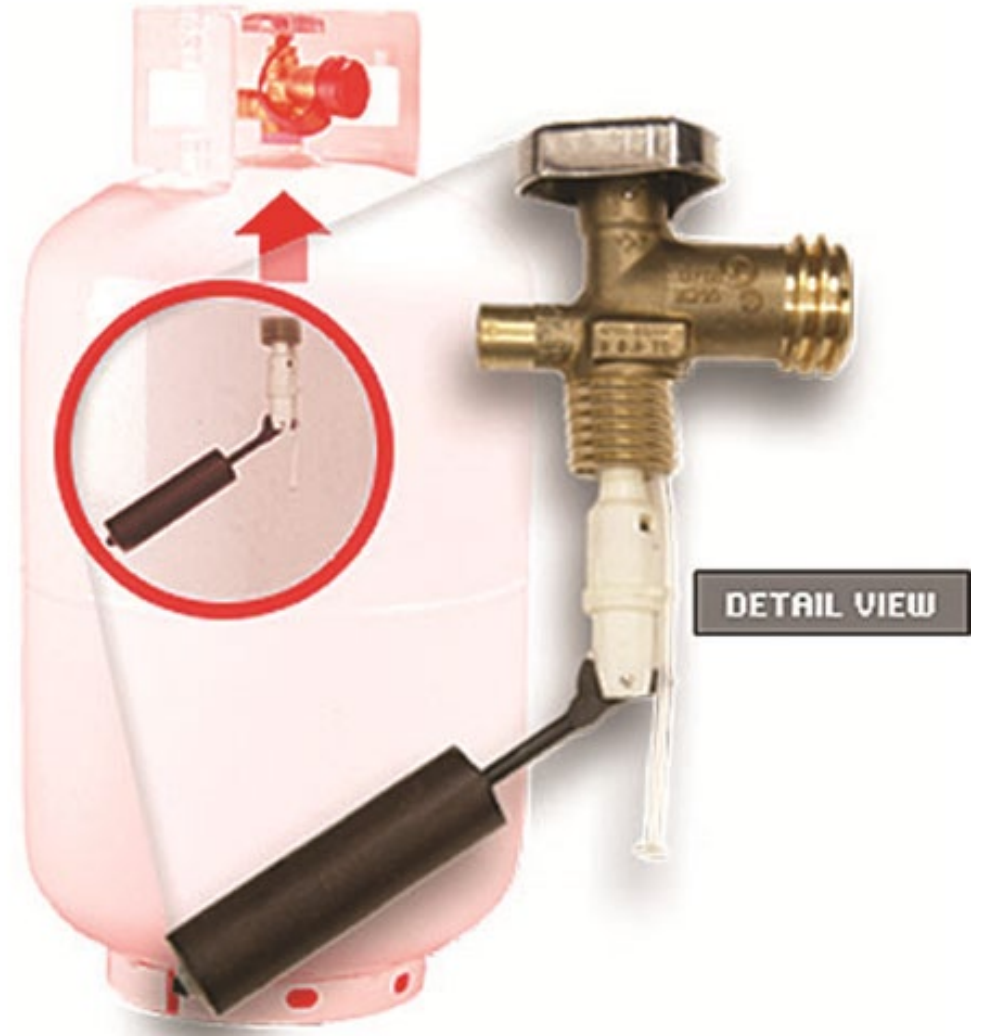


Cylinder Valves



Overfill Protection Device (OPD)

- Required for vertical cylinders between 4 – 40 lbs.
- Not required for forklift and mower cylinders
- Handwheel on OPD valves is a modified triangle





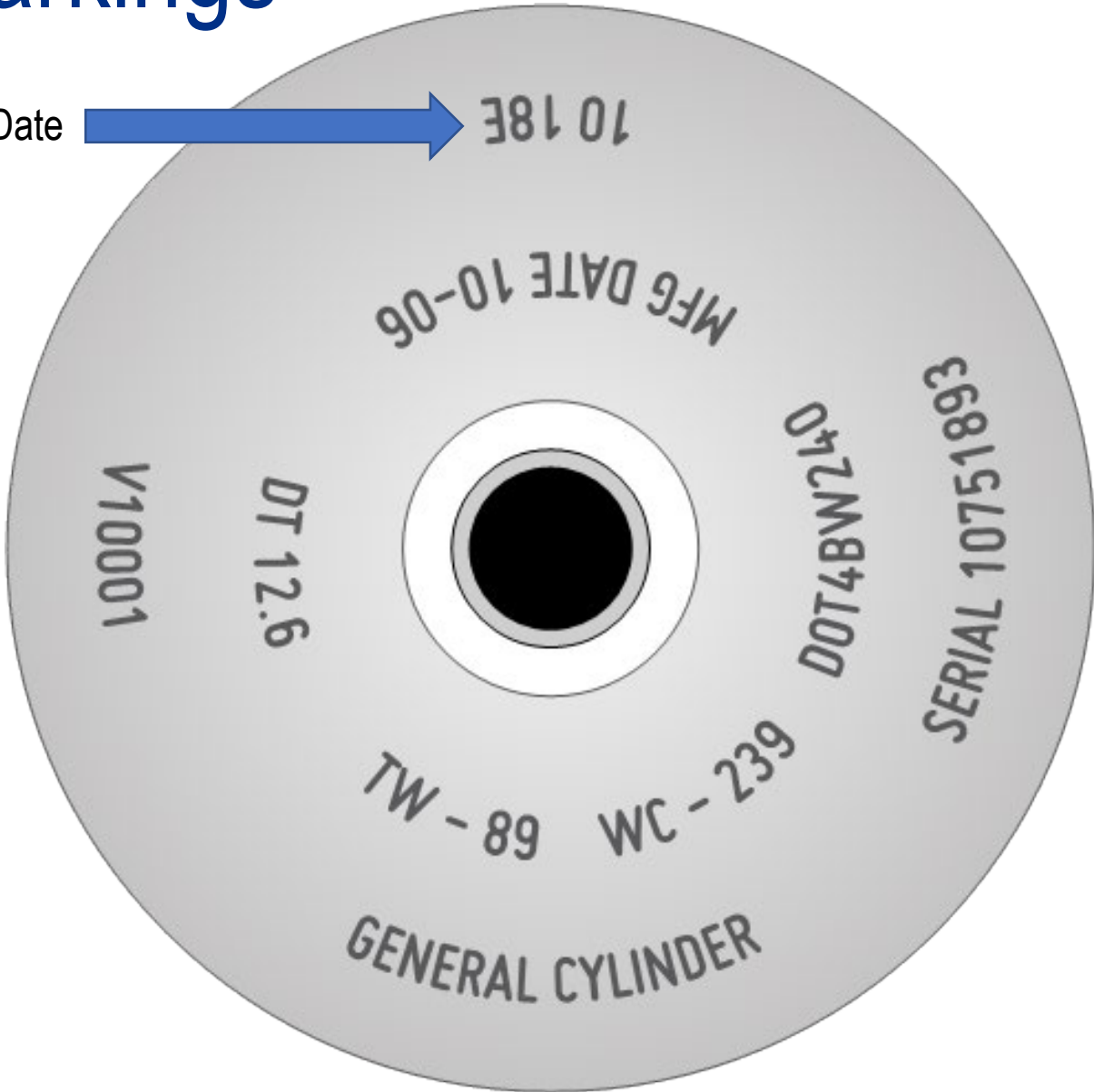
For demonstration purposes only.

Department of Transportation (DOT)



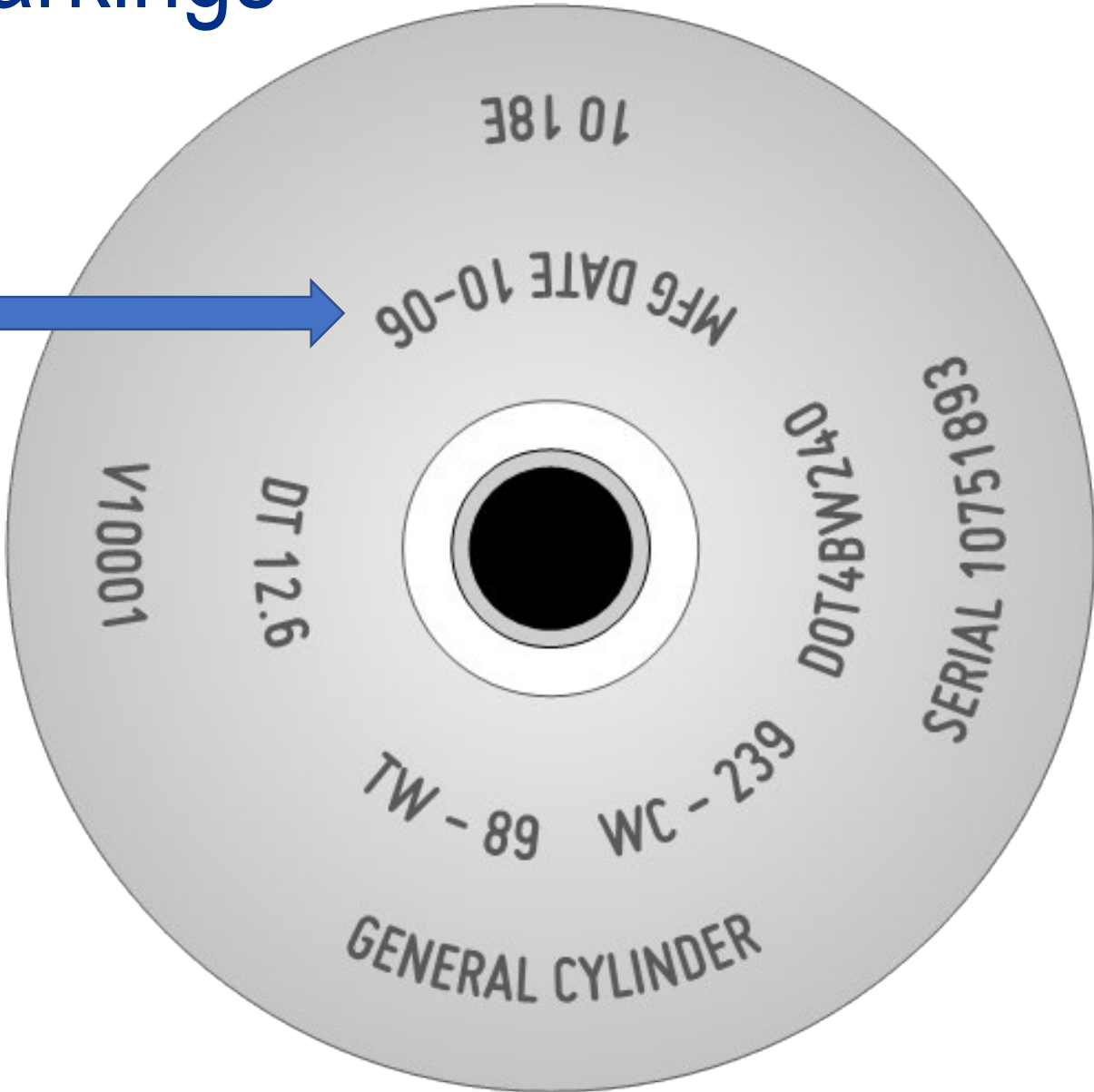
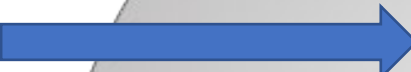
Cylinder Markings

Requalification Date



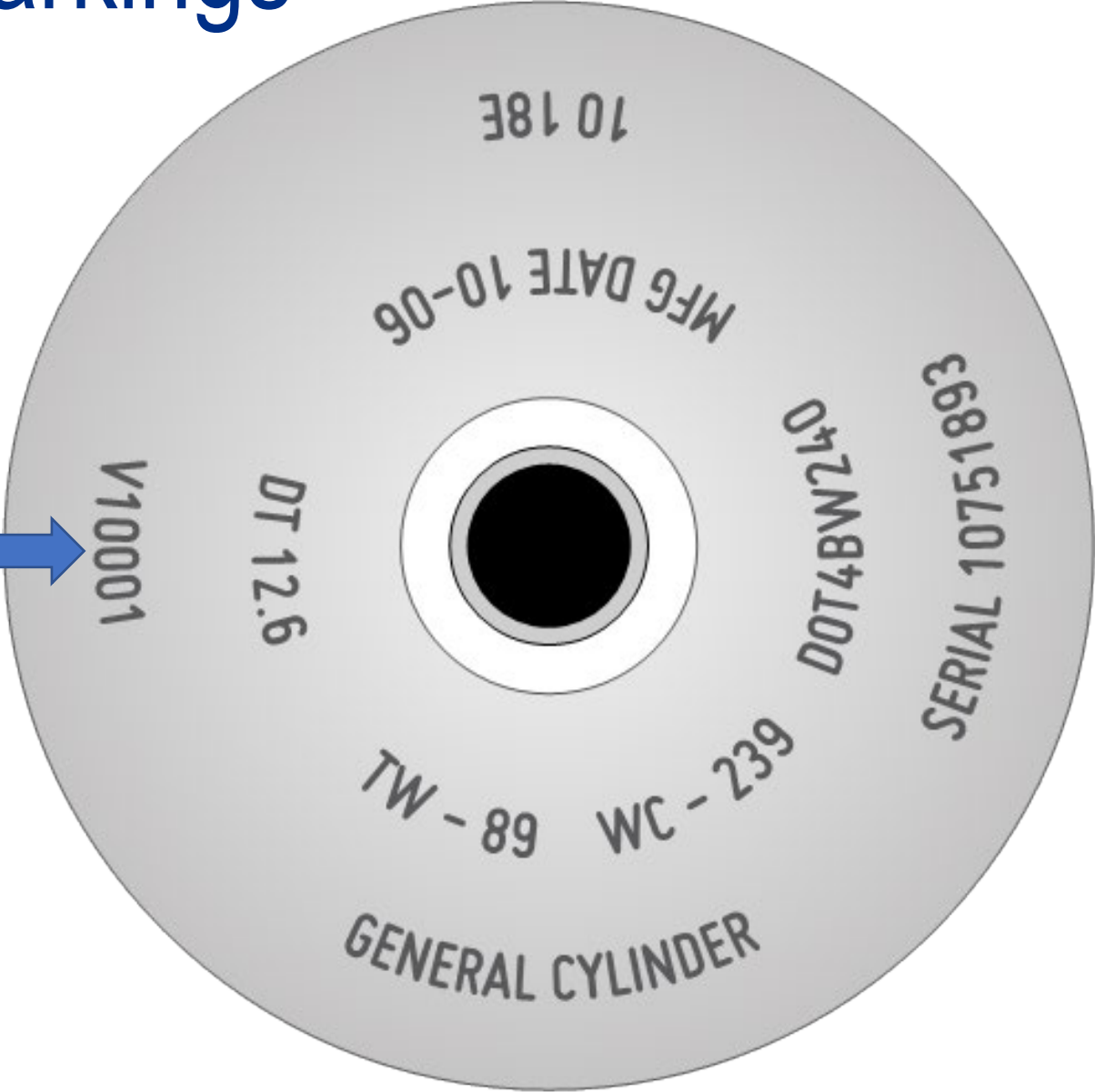
Cylinder Markings

Date of Manufacture

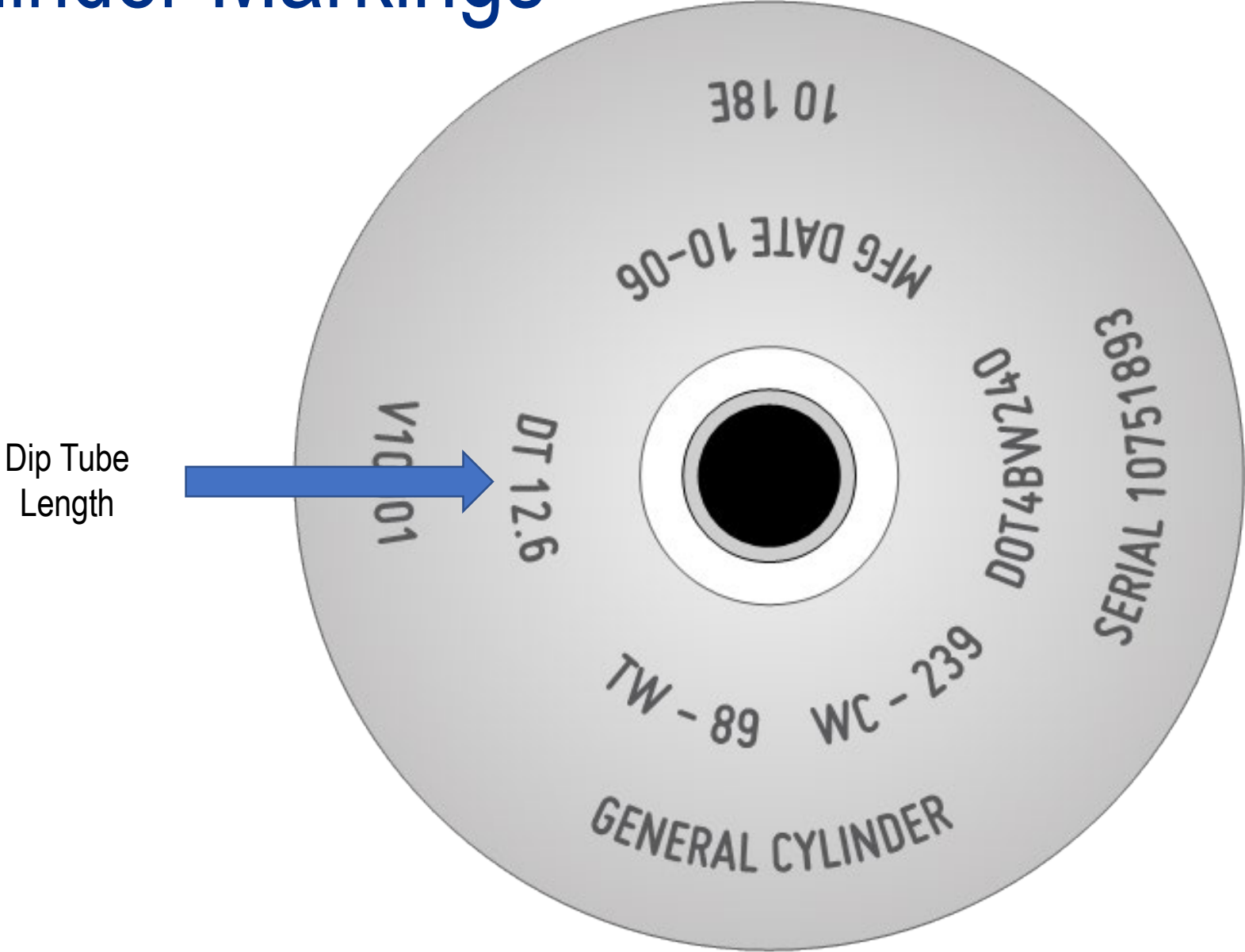


Cylinder Markings

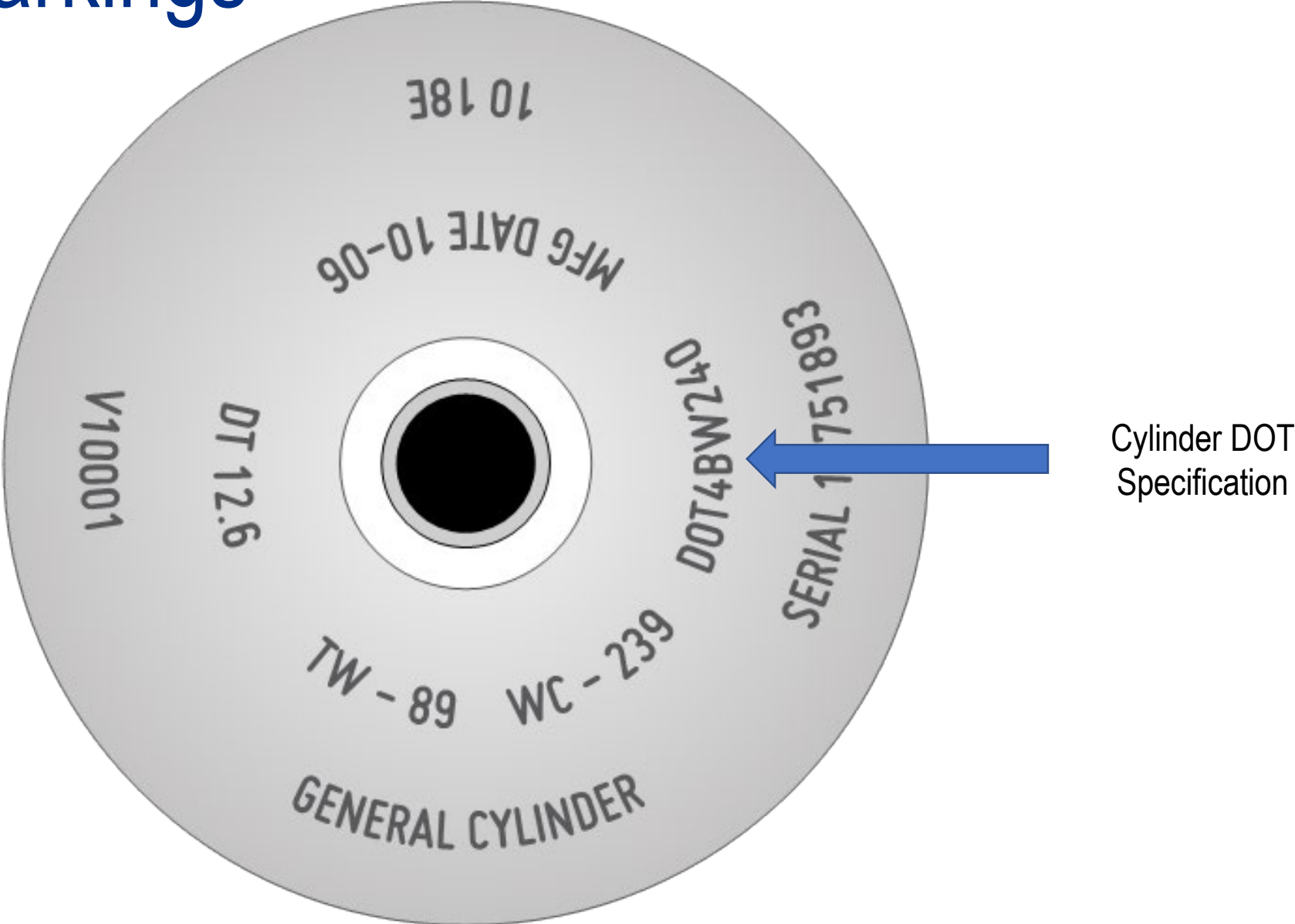
Requalification
Identification
Number



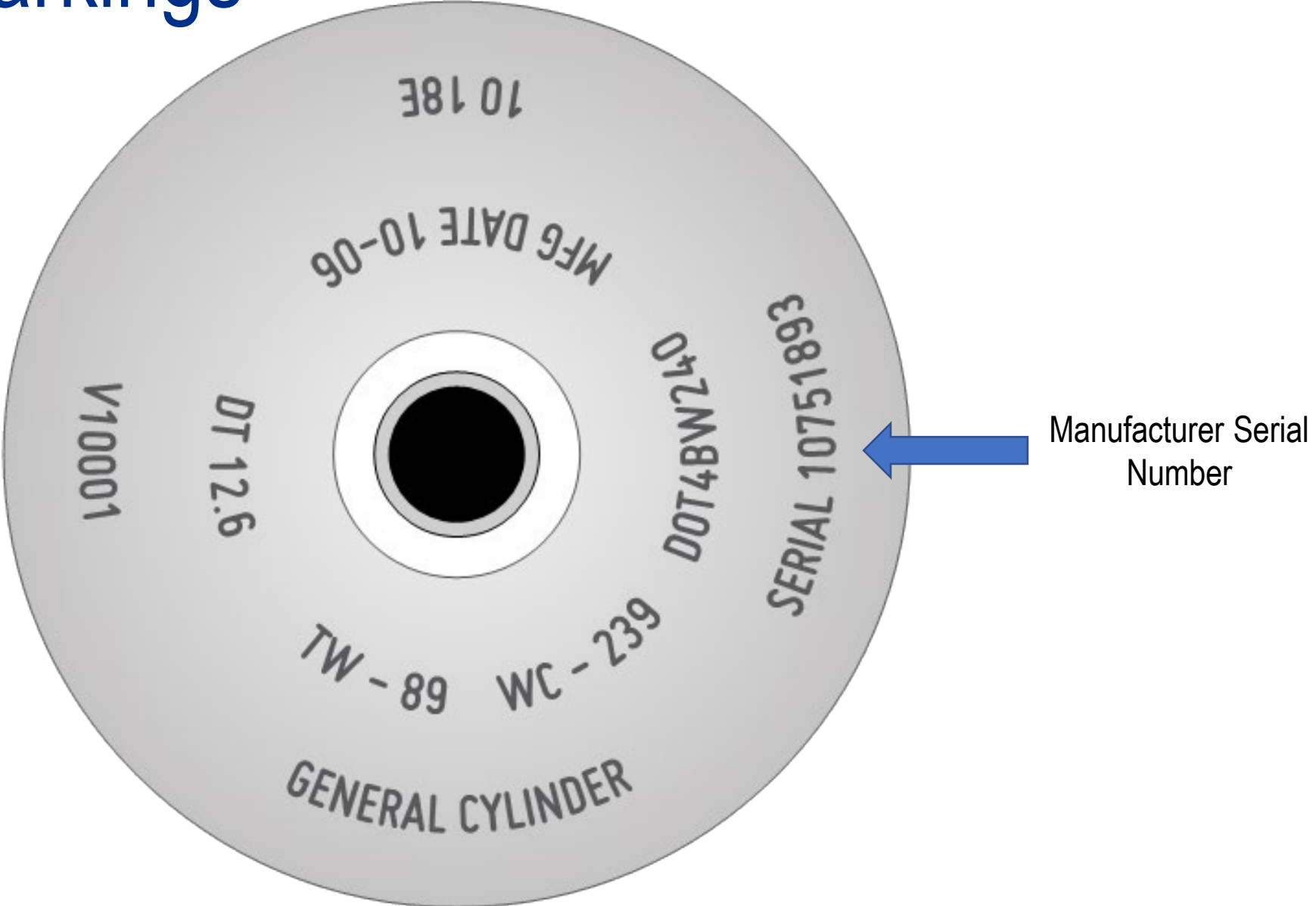
Cylinder Markings



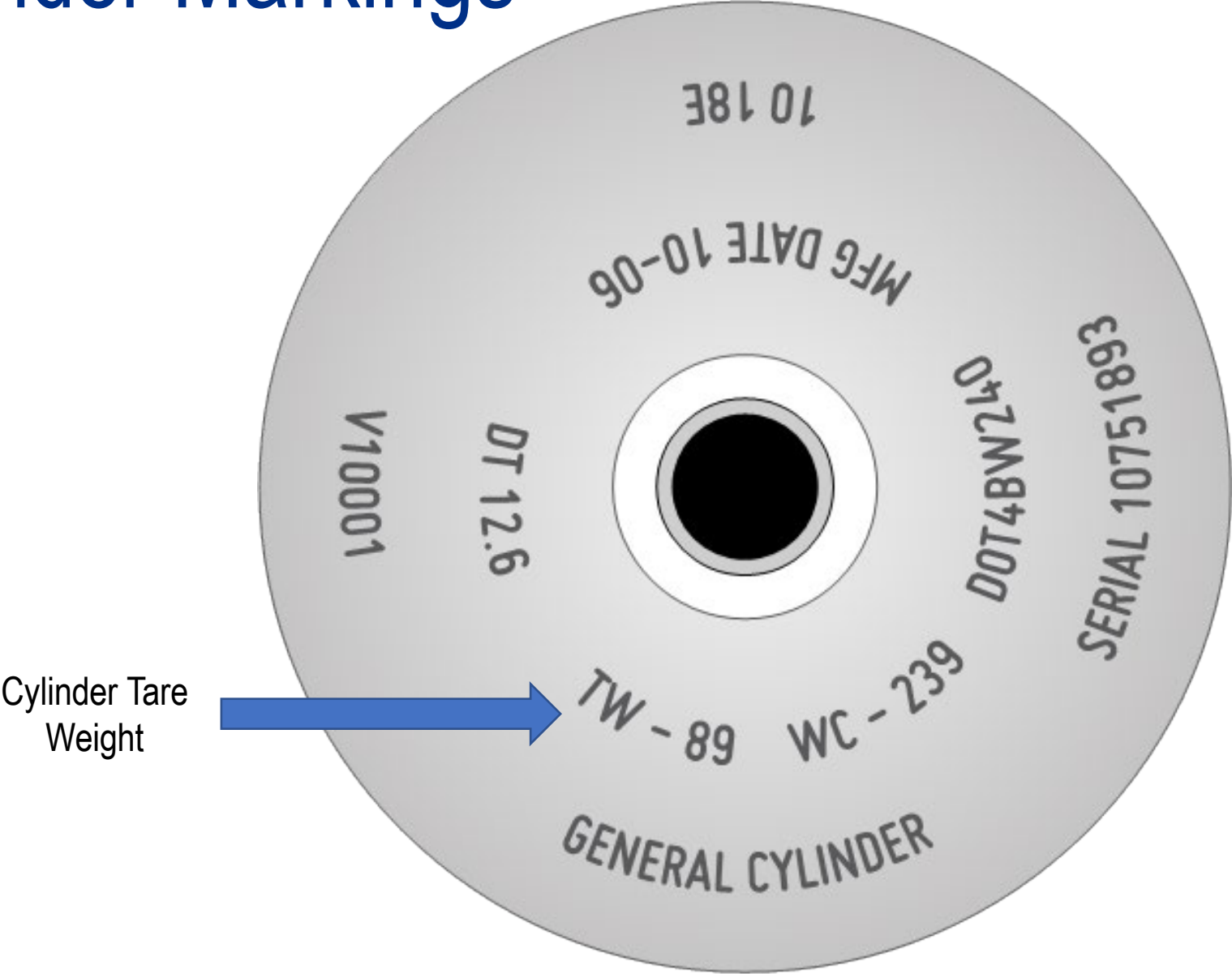
Cylinder Markings



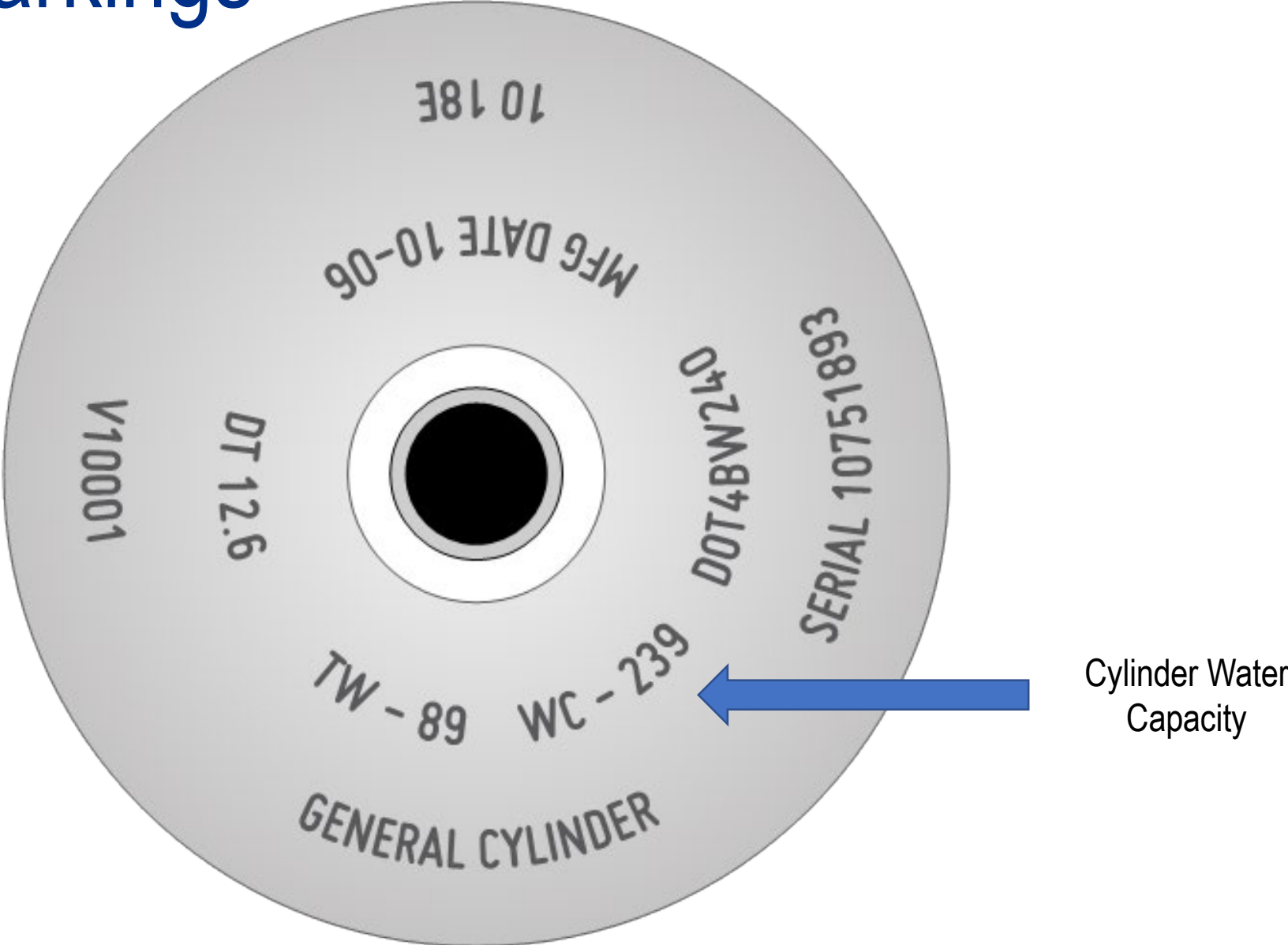
Cylinder Markings



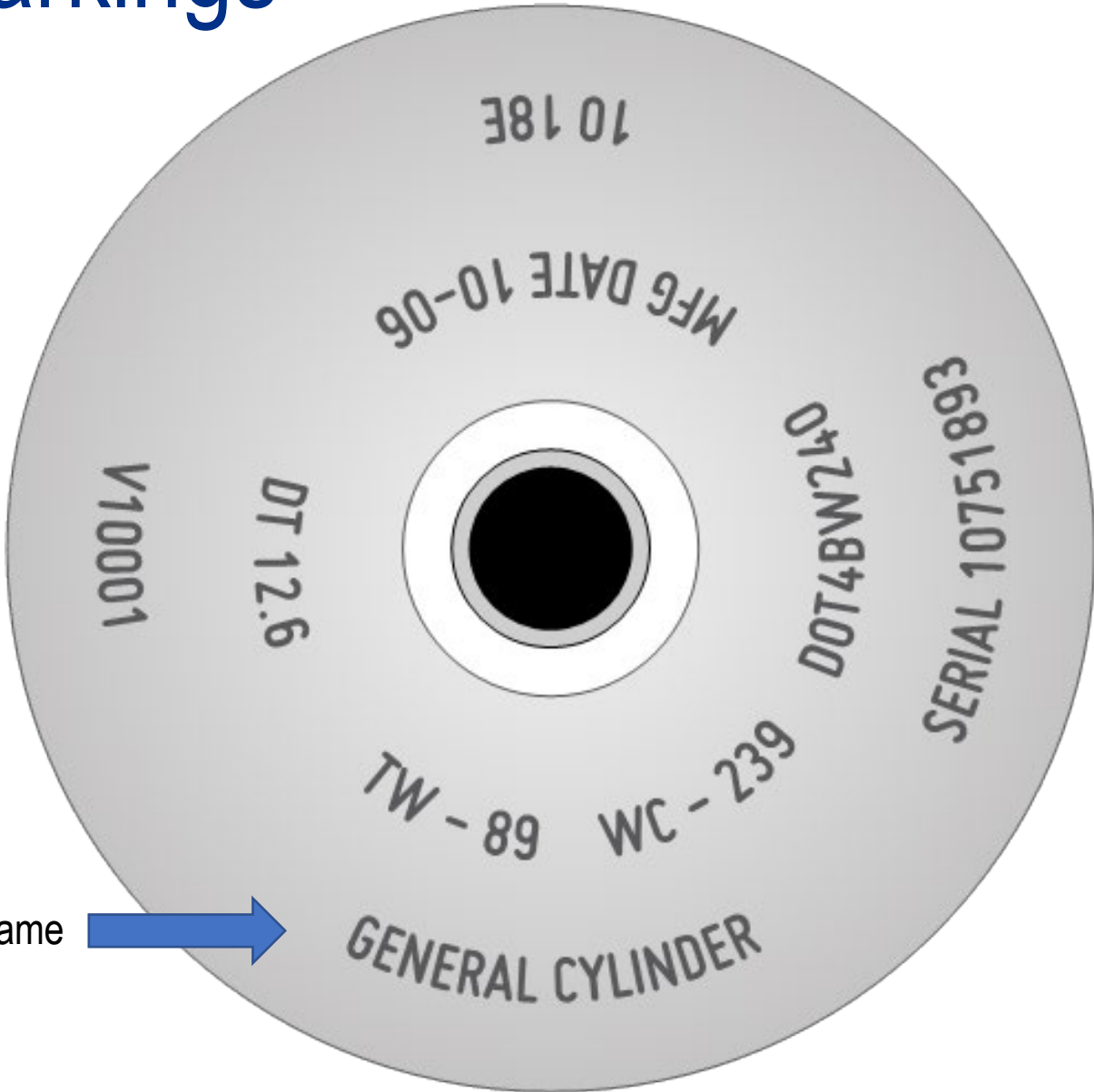
Cylinder Markings



Cylinder Markings



Cylinder Markings



Manufacturer Name 

Review: Take the Quiz

Multiple Choice

An OPD serves as a _____.

- primary means of preventing overfilling of cylinders
- secondary means of preventing overfilling of cylinders
- means of protection for the cylinder valves
- handle for lifting the cylinder

Multiple Choice

An OPD serves as a _____.

- primary means of preventing overfilling of cylinders
- secondary means of preventing overfilling of cylinders
- means of protection for the cylinder valves
- handle for lifting the cylinder

Multiple Choice

To protect the valves, portable cylinders use a _____.

foot ring

NTP fitting

collar

OPD (overfill prevention device)

Multiple Choice

To protect the valves, portable cylinders use a _____.

foot ring

NTP fitting

collar

OPD (overfill prevention device)

Multiple Choice

The _____ is a wide metal band welded to the bottom of the cylinder and used to protect the cylinder body from corrosion or damage.

foot ring

valve opening

pressure-relief valve

OPD (overfill prevention device)

Multiple Choice

The _____ is a wide metal band welded to the bottom of the cylinder and used to protect the cylinder body from corrosion or damage.

foot ring

valve opening

pressure-relief valve

OPD (overfill prevention device)