



Fluid Level Indicators



ORSCHN®

Delivering Global Solutions for Fluid Level Indicators



Custom End Fittings—
Plastic-to-Metal Combination



Formed Metal Tubing



Customer-specific
blade & markings



"Plug-n-Seal" Customer Design Option

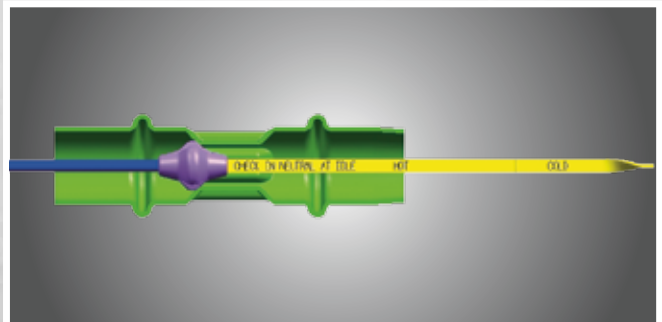


The Twist2Lock™ Fluid Level Indicator design

accommodates check, check/fill, or fill-only applications for medium and heavy-duty engines and transmissions. The unit is manufactured as a complete system and can be customized to meet the customer's requirements.

- **Fully calibrated system**, not just parts
- **Repeatable accuracy** available in checking engines and transmissions
- Design **eliminates oil leakage "blow-by"** at cap and at engine block
- Locking cap **eliminates loose or lost sticks** caused by vibration
- **Color options** available
- **One-stop shop** for all your FLI needs
- **Tier one solution source** for the world's top engine and chassis builders
- **In-house** design, engineering, DVP&R
- Over **one million** units in the field and growing
- More than dipsticks, **FLIs are a system**

Self-Gauging Feature



Optional Orscheln Products patented self-gauging feature ensures consistent and accurate fluid level readings for large tubes and complex tube routings.

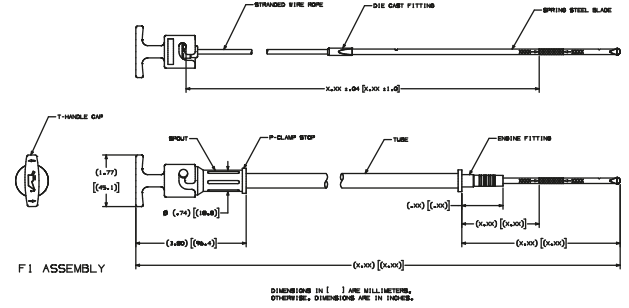
US Patent 7134220, EU Patents Pending.



F1 Series

Application:..... Engine Oil Check
Tube Materials:..... Polymer or Metal
(Based on temperature in routing)
Tube Sizes:..... 1/2" O.D.
Handle Options:..... "T" Handle

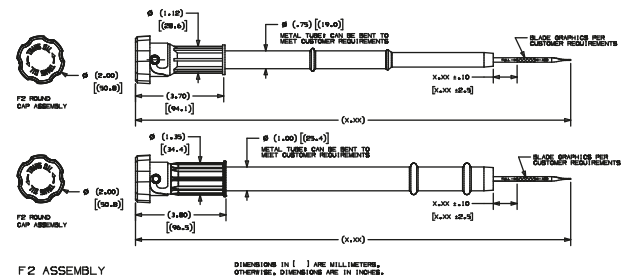
Typical Assembly



F2 Series

Application:..... Engine Oil &
 Transmission Fluid
 Check/Fill
Tube Materials: Polymer or Metal
(Based on temperature in routing)
Tube Sizes: 1/2", 3/4", 1" O.D.
Handle Options: "T" Handle or
 Round Cap

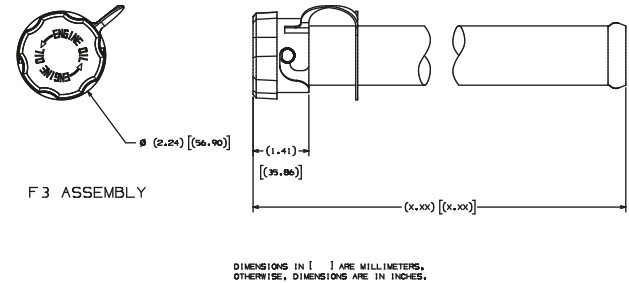
Typical Assembly



F3 Series

Application: Engine Oil Check/Fill
Tube Materials: Metal
Tube Sizes: 1-1/2" O.D.
Handle Options: Round Cap

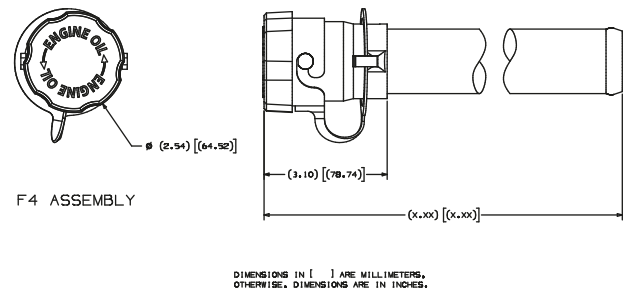
Typical Assembly



F4 Series

Application:..... Engine Oil Fill
Tube Materials: Metal
Tube Sizes:..... 1-5/8" O.D.
Handle Options:..... Round Cap

Typical Assembly





check » shift » accelerate » park

Markets

TRUCK



BUS



CONSTRUCTION



AGRICULTURE



MILITARY



Products

PARK BRAKE SYSTEMS



MECHANICAL CONTROL CABLES



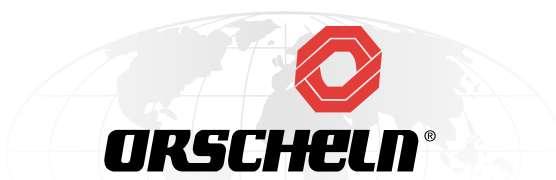
FLUID LEVEL INDICATORS



ELECTRONIC THROTTLE CONTROL SYSTEMS



SHIFT CONTROL SYSTEMS



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Specifications subject to change without notice.

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