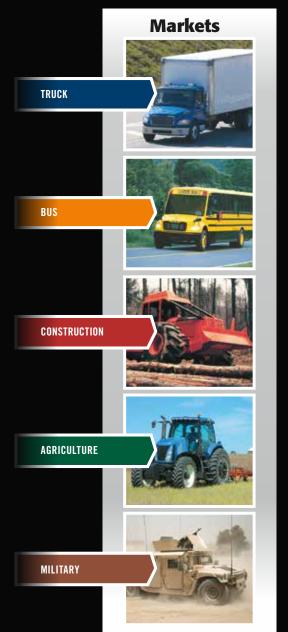
# check » shift » accelerate » park







#### **Orschein Products LLC**

1177 N. Morley St. P.O. Box 280 Moberly, MO 65270

Phone: +1 660-263-4377 Fax: +1 660-269-3910 Email: sales@orscheln.com www.orschelnproducts.com

#### **Orscheln Europe**

Unit 1 Pelham Road Central Park, Rugby, England CV23 OPB Phone: +44 (0) 1788 561400 Fax: +44 (0) 1788 567555 Email: sales@orschelneurope.co.uk Fax: +86 021 22157889 www.orschelneurope.co.uk

#### **Orscheln China**

1447/1090 Century Avenue Suncome Cinic Tower Pudong, Shanghai 200120 China

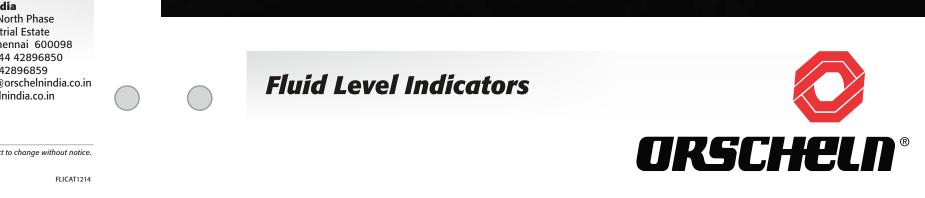
Phone: +86 021 22157766 Email: sales@orschelnchina.com.cn www.orschelnproducts.com

#### **Orscheln India**

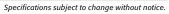
Plot No. 28, North Phase SIDCO Industrial Estate Ambattur, Chennai 600098 Phone: +91 44 42896850 Fax: +91 44 42896859 Email: sales@orschelnindia.co.in www.orschelnindia.co.in







21



## Delivering Global Solutions for Fluid Level Indicators



Custom End Fittings-Plastic-to-Metal Combination



Formed Metal Tubing



Customer-specific blade & markings



### 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
- Up to 2" tube bending capability

- 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 five million units in the field and growing
- More than dipsticks,
   FLIs are a system



## F2 Series

F1 Series

Application: Engine Oil & Transmission Fluid Check/Fill

**Application:** . . . . . Engine Oil Check **Tube Materials:** . . . . Polymer or Metal

Tube Sizes: 3/8", 12mm, 1/2", 15mm O.D. Handle Options: . . . . . "T" Handle

**Tube Materials:** ..... Polymer or Metal (Based on temperature in routing)

**Tube Sizes:** .... 1/2", 5/8", 3/4", 1" O.D. **Handle Options:** ...... "T" Handle or

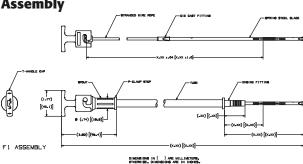
Round Cap



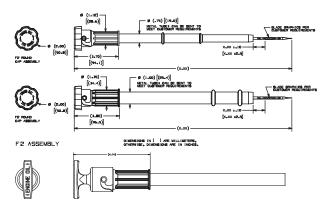
## F3 Series

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

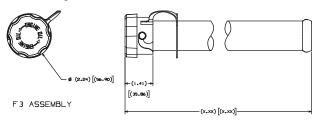




## Typical Assembly



#### Typical Assembly

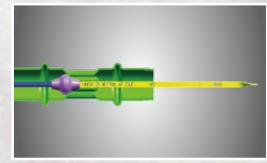


DIMENSIONS IN [ ] ARE MILLIMETERS, OTHERWISE, DIMENSIONS ARE IN INCHES,

## PUSH 2 SEAL



### **Self-Gauging Feature**



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

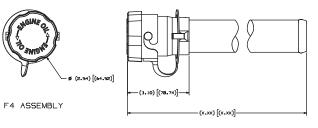
US Patent 7134220, EU Patents Pending.



## F4 Series

Application:	Engine Oil Fill
Tube Materials:	Metal
<b>Tube Sizes:</b> 1", 1	1/2", 1 5/8" O.D.
Handle Options:	Round Cap

## Typical Assembly



DIMENSIONS IN [ ] ARE MILLIMETERS, OTHERWISE, DIMENSIONS ARE IN INCHES.