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Dorman 921-226

Dorman 921-226 Engine Oil Dipstick User Manual

Model: 921-226 | Brand: Dorman

1. PRODUCT OVERVIEW

This Dorman 921-226 engine oil dipstick is engineered to provide a precise fit and reliable function, mirroring the original equipment dipstick in specific vehicle applications. It features clearly marked and accurately gauged level indicators for proper oil measurement.

Key features include:

- **Ideal replacement:** Designed to match the fit and function of an original equipment dipstick.
- **Accurate measurement:** Level marks are clearly distinguished and properly gauged for accuracy.
- **Durable construction:** Manufactured to strict specifications for reliable performance.
- **Quality assurance:** Backed by a team of product experts with extensive automotive experience.
- **Vehicle compatibility:** Compatible with Ford Escape (2005-2008) and Mercury Mariner (2005-2008).

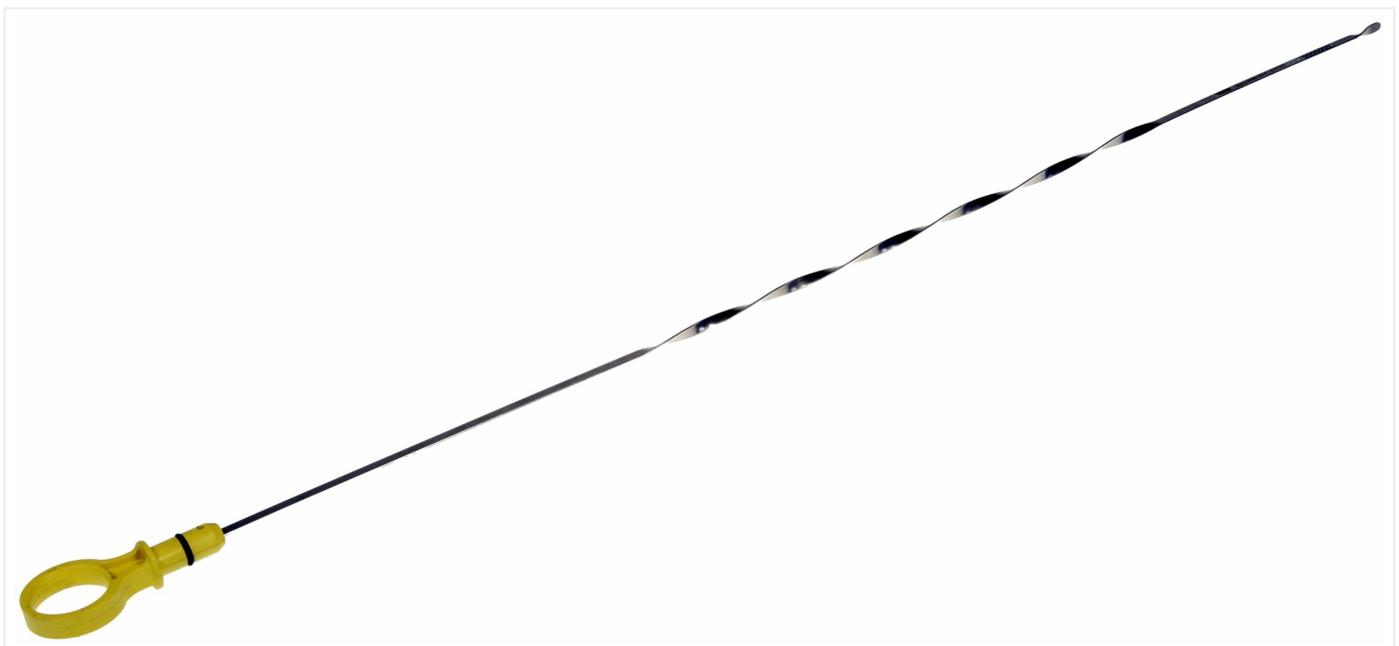


Figure 1.1: Full view of the Dorman 921-226 Engine Oil Dipstick, showing the yellow handle and the metal shaft with measurement markings.

2. SAFETY INFORMATION

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Always ensure the engine is cool before checking or adding oil to prevent burns. Use appropriate personal protective equipment, such as gloves and eye protection, when working on vehicle engines.

3. PACKAGE CONTENTS

The Dorman 921-226 Engine Oil Dipstick package includes:

- 1 x Dorman 921-226 Engine Oil Dipstick

4. INSTALLATION GUIDE

This dipstick is designed as a direct replacement for the original equipment part. Installation typically involves inserting the dipstick into the designated dipstick tube on the engine.

1. **Locate the Dipstick Tube:** Identify the engine oil dipstick tube on your vehicle's engine. It is usually marked with an oil can symbol or a yellow/orange handle.
2. **Remove Old Dipstick (if applicable):** If replacing an existing dipstick, firmly pull the old dipstick out of the tube.
3. **Insert New Dipstick:** Carefully insert the Dorman 921-226 dipstick into the dipstick tube. Ensure it is fully seated until the handle rests securely against the top of the tube. Do not force it.

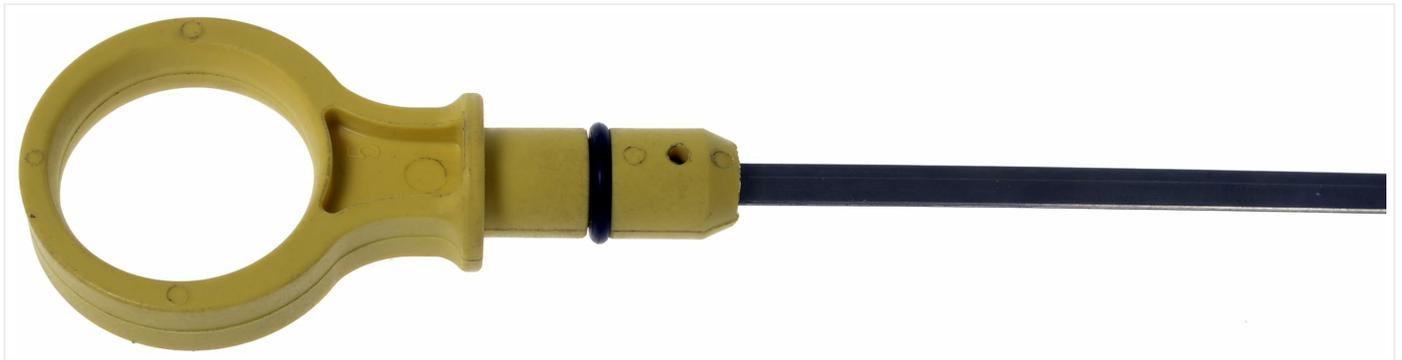


Figure 4.1: Close-up view of the dipstick handle, which should be fully seated in the dipstick tube.

Note: Always refer to your vehicle's specific service manual for detailed instructions on dipstick replacement and oil level checking procedures.

5. OPERATING INSTRUCTIONS: CHECKING ENGINE OIL LEVEL

Regularly checking your engine oil level is crucial for vehicle maintenance. Use the Dorman 921-226 dipstick to accurately monitor your oil.

1. **Park on Level Ground:** Ensure your vehicle is parked on a flat, level surface to get an accurate reading.
2. **Engine Temperature:** For most accurate readings, check the oil when the engine is cool, or at least 5-10 minutes after the engine has been turned off to allow oil to drain back into the oil pan.
3. **Locate and Remove Dipstick:** Pull the dipstick completely out of its tube.
4. **Wipe Clean:** Use a clean, lint-free cloth or paper towel to wipe all oil from the dipstick.
5. **Reinsert Dipstick:** Fully reinsert the dipstick into its tube until the handle is seated.

6. **Remove and Read:** Pull the dipstick out again and observe the oil level. The oil should be between the "ADD" (or MIN) and "FULL" (or MAX) marks on the dipstick.



Figure 5.1: The measurement end of the dipstick, showing the "ADD" and "FULL" markings for accurate oil level assessment.

If the oil level is below the "ADD" mark, add the recommended type and amount of engine oil as specified in your vehicle's owner's manual. Do not overfill.

6. MAINTENANCE

The Dorman 921-226 Engine Oil Dipstick requires minimal maintenance. Periodically inspect the dipstick for any signs of damage, bending, or corrosion. Ensure the rubber O-ring on the handle (if present) is intact and provides a good seal to prevent contaminants from entering the engine.

Clean the dipstick with a clean, lint-free cloth before each use to ensure accurate readings. Avoid using abrasive materials or harsh chemicals that could damage the dipstick's surface or markings.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Inaccurate Oil Reading	Vehicle not on level ground; engine not cooled sufficiently; dipstick not fully inserted/removed; old oil residue on dipstick.	Ensure vehicle is level. Allow engine to cool for 5-10 minutes. Fully insert and remove dipstick. Wipe dipstick clean before reading.
Dipstick Difficult to Insert/Remove	Bent dipstick; debris in dipstick tube; incorrect dipstick for vehicle.	Inspect dipstick for bends. Check dipstick tube for obstructions. Verify the dipstick is the correct model for your vehicle (Dorman 921-226).
Oil Leaking from Dipstick Tube	Damaged O-ring on dipstick handle; dipstick not fully seated; excessive crankcase pressure.	Inspect and replace O-ring if damaged. Ensure dipstick is fully seated. Consult a mechanic if excessive crankcase pressure is suspected.

8. SPECIFICATIONS

Attribute	Value
Brand	Dorman
Model Number	921-226
Material	Metal
Item Dimensions (L x W x H)	0.7 x 2.75 x 29.52 inches
Item Weight	1.12 ounces
Measurement Accuracy	±0.25 inches
UPC	889245323712

Attribute	Value
Country of Origin	China
Compatible Vehicles	Ford Escape (2005-2008), Mercury Mariner (2005-2008)

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, product support, or technical assistance, please contact Dorman Products directly or visit their official website. Keep your purchase receipt as proof of purchase for any warranty claims.

Dorman Products Official Website: www.dormanproducts.com

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This manual is for informational purposes only. Always consult a qualified mechanic for complex repairs or if you are unsure about any procedure.