Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Ford TA-30

Ford Genuine Fluid TA-30 Silicone Gasket and Sealant User Manual

Model: TA-30

1. Product Overview

The Ford Genuine Fluid TA-30 Silicone Gasket and Sealant is a room temperature curing (RTV) silicone rubber designed for various engine gasketing applications. It functions as a form-in-place gasket and a multi-purpose adhesive/sealant. This product is formulated to be non-corrosive and does not release acetic acid during curing, ensuring it does not harm oxygen sensors. It is supplied in a cartridge designed to fit standard caulking guns.
Note: This sealant is recommended for all engine RTV gasketing applications, with the exception of 3.5L/3.7L, 5.8L (4V), 7.3L Power Stroke, 6.0L, and 6.4L diesel engines.

2. Safety Information

Always read and understand the Safety Data Sheet (SDS) before using this product. The following are general safety precautions:

- **Eye Protection:** Wear appropriate eye protection, such as safety glasses or goggles, to prevent contact with eyes.
- **Skin Protection:** Wear chemical-resistant gloves to prevent skin contact. Wash hands thoroughly after handling.
- **Ventilation:** Use in a well-ventilated area. If adequate ventilation is not available, use respiratory protection.
- **Ingestion:** Do not ingest. If swallowed, seek immediate medical attention.
- **Inhalation:** Avoid breathing vapors. If inhaled, move to fresh air.
- **Storage:** Store in a cool, dry place away from direct sunlight and heat sources. Keep container tightly closed when not in use.
- **Disposal:** Dispose of contents and container in accordance with local, regional, national, and international regulations.

First Aid:

- **Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
- **Skin:** Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

- **Inhalation:** Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
- **Ingestion:** Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Get medical aid immediately.

3. Setup and Preparation

Proper preparation is crucial for optimal sealant performance and adhesion.

1. **Surface Cleaning:** Ensure all surfaces to be sealed are clean, dry, and free from oil, grease, old gasket material, dirt, and other contaminants. Use a suitable solvent cleaner if necessary, and allow it to evaporate completely.
2. **Temperature:** For best results, apply the sealant at room temperature (typically between 40°F to 100°F / 4°C to 38°C).
3. **Tooling:** Prepare a standard caulking gun for dispensing the sealant.
4. **Nozzle Preparation:** Cut the nozzle tip to the desired bead size, typically at a 45-degree angle.



Figure 1: Front view of the Ford Genuine Fluid TA-30 Silicone Gasket and Sealant tube, showing the product label and nozzle.

4. Operating and Application

Follow these steps for effective application of the sealant:

1. **Insert Cartridge:** Place the sealant cartridge into the caulking gun.
2. **Apply Bead:** Apply a continuous, even bead of sealant to one of the mating surfaces. For gasketing applications, ensure the bead completely encircles all bolt holes.
3. **Assembly:** Assemble parts immediately while the sealant is still wet. Do not allow the sealant to skin over before assembly.
4. **Curing:** The sealant will begin to cure upon exposure to atmospheric moisture. Full cure time can vary depending

on temperature, humidity, and bead thickness. Refer to product specifications for typical cure times.

5. **Excess Sealant:** Wipe away any excess sealant immediately after assembly before it cures.



Figure 2: Rear view of the Ford Genuine Fluid TA-30 Silicone Gasket and Sealant tube, showing product information and warnings.

5. Maintenance and Storage

- **Storage:** Store the sealant in its original, tightly sealed container in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Shelf Life:** Adhere to the manufacturer's recommended shelf life. Check the product packaging for expiration dates.
- **Post-Use:** After use, clean the nozzle and seal the cartridge opening to prevent the remaining sealant from curing.

6. Troubleshooting

Problem	Possible Cause	Solution
Poor adhesion	Surfaces not clean or dry; sealant applied too late (skinned over); incompatible surface material.	Thoroughly clean and dry surfaces. Apply sealant immediately after preparation. Ensure product is suitable for material.
Sealant not curing	Insufficient humidity; low temperature; excessive bead thickness; expired product.	Ensure adequate ventilation and humidity. Apply at recommended temperatures. Apply thinner bead if possible. Check expiration date.
Leaking after application	Incomplete bead application; improper surface preparation; insufficient cure time before pressure/fluid introduction.	Re-apply sealant ensuring a continuous bead. Re-clean and prepare surfaces. Allow full cure time before use.

7. Product Specifications

Attribute	Detail
Manufacturer	Ford
Brand	Ford
Model Number	TA-30
Item Weight	5.6 ounces
Product Dimensions	4.8 x 2 x 2 inches
Manufacturer Part Number	TA-30
OEM Part Number	TA-30
ASIN	B000NUB7PY
First Available Date	February 25, 2013

8. Warranty and Support

For specific warranty information or technical support regarding the Ford Genuine Fluid TA-30 Silicone Gasket and Sealant, please contact Ford customer service or refer to the official Ford automotive parts documentation. Information regarding product warranty is typically provided with the purchase or can be found on the manufacturer's official website.

© 2024 Ford Motor Company. All rights reserved.
This manual is for informational purposes only. Always refer to the latest product documentation and safety data sheets.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B000NUB7PY

More documents and user manuals: **https://manuals.plus/**