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› SuperATV Drive Clutch Puller - DCP15 User Manual

SuperATV DCP15

SuperATV Drive Clutch Puller - DCP15 User Manual

Model: DCP15 | Brand: SuperATV

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your SuperATV Drive Clutch Puller, model DCP15. Designed for Textron and Arctic Cat UTVs and Snowmobiles, this tool is engineered for precise and reliable clutch removal.

Please read this manual thoroughly before operation to ensure proper usage and to prevent damage to the tool or your vehicle.

2. PRODUCT OVERVIEW



Figure 2.1: SuperATV DCP15 Drive Clutch Puller. This image shows the full length of the gold-colored alloy steel tool, highlighting its robust construction and precision-machined features, including the hexagonal head for wrench application and the threaded shaft for engaging the clutch.

Key Features:

- **Model:** DCP15
- **Compatibility:** Textron and Arctic Cat UTVs / Snowmobiles, including 2018-2021 Wildcat XX, 2018 Wildcat 1000, 2018 Trail/Sport 700, and various 2010-2021 600, 800, 500 models, and 2007-2011 1000, 2010-2018 570 models.
- **Material:** Annealed, cold-rolled alloy steel.
- **Durability:** Oil Quenched, tempered, with a Rockwell hardness between 50-55.

- **Finish:** Zinc plated for corrosion resistance.
- **Precision:** Machined to exact specifications in the U.S.A.
- **Strength:** Offers 31% higher tensile strength and 19% higher yield strength compared to existing OEM pullers.

3. SETUP

Before using the clutch puller, ensure your vehicle is safely secured and the engine is off and cool. Refer to your vehicle's service manual for specific instructions on accessing the drive clutch.

1. **Vehicle Preparation:** Park the vehicle on a level surface and engage the parking brake. For UTVs, ensure the transmission is in neutral or park.
2. **Access Clutch:** Remove any covers, guards, or components necessary to gain clear access to the drive clutch. This may involve removing side panels or floorboards.
3. **Clean Clutch Area:** Thoroughly clean any dirt, debris, or grease from around the clutch and the clutch bolt hole. This prevents contamination and ensures proper engagement of the puller.
4. **Inspect Clutch Bolt Hole:** Verify that the internal threads of the clutch bolt hole are clean and free of damage.

4. OPERATING INSTRUCTIONS

Follow these steps carefully to safely remove your drive clutch using the DCP15 puller.

1. **Remove Clutch Bolt:** Locate and remove the existing clutch retaining bolt from the center of the drive clutch. Set it aside.
2. **Insert Puller:** Carefully thread the SuperATV DCP15 Drive Clutch Puller into the clutch bolt hole by hand. Ensure it threads smoothly and does not cross-thread.
3. **Tighten Puller:** Once the puller is hand-tight, use an appropriate wrench (not included) on the hexagonal head of the puller. Slowly and steadily turn the puller clockwise.
4. **Apply Pressure:** Continue to turn the puller. You will feel increasing resistance as the puller begins to exert pressure on the clutch. The clutch will eventually pop free from the crankshaft taper. This may occur with a loud "pop" sound, which is normal.
5. **Remove Clutch and Puller:** Once the clutch is free, unthread the puller counter-clockwise and remove it. Then, carefully remove the drive clutch from the crankshaft.

Caution: Always wear appropriate personal protective equipment, including safety glasses, when using this tool. Do not use impact wrenches or excessive force, as this can damage the clutch, crankshaft, or the puller itself. If the clutch does not release, re-check your vehicle's service manual for specific procedures or consult a qualified mechanic.

5. MAINTENANCE

Proper maintenance will extend the life of your SuperATV Drive Clutch Puller.

- **Cleaning:** After each use, clean the puller thoroughly to remove any dirt, grease, or metal shavings. Use a clean cloth and a mild degreaser if necessary.
- **Lubrication:** Apply a light coat of anti-seize compound or grease to the threads of the puller before

storage to prevent corrosion and ensure smooth operation for future use.

- **Storage:** Store the puller in a dry, clean environment to prevent rust and damage.
- **Inspection:** Periodically inspect the puller for any signs of wear, bending, or thread damage. Do not use a damaged puller.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Puller will not thread into clutch.	Cross-threaded, dirty threads, incorrect puller for clutch.	Ensure correct puller model. Clean clutch threads. Start threading by hand carefully.
Clutch does not release.	Insufficient force, seized clutch, incorrect procedure.	Ensure puller is fully engaged. Apply steady, increasing pressure. Consult vehicle service manual. Do not use impact tools.
Puller feels like it's stripping.	Cross-threading, excessive force, damaged puller/clutch threads.	Stop immediately. Inspect threads on both puller and clutch. If damaged, replace components as necessary.

7. SPECIFICATIONS

- **Model:** DCP15
- **Material:** Annealed, cold-rolled alloy steel
- **Hardness:** Rockwell 50-55
- **Finish:** Zinc plated
- **Product Dimensions:** 0.11 x 0.03 x 0.01 inches (approximate, as per product listing)
- **Item Weight:** 1 Pound
- **Country of Origin:** USA

8. WARRANTY AND SUPPORT

SuperATV stands behind the quality of its products. For specific warranty information, product support, or to purchase replacement parts, please visit the official SuperATV website or contact their customer service directly.

You can find more information and contact details by visiting the [SuperATV Store on Amazon](#).

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