

Complete Tractor 2806-6205

Complete Tractor Radiator Instruction Manual

Model: 2806-6205

Compatible with Yanmar YM1100, YM1300, YM135, YM1500, YM155

1. PRODUCT OVERVIEW

The Complete Tractor 2806-6205 Radiator is a high-quality replacement component designed to maintain optimal engine temperature in compatible Yanmar tractor models. This radiator features a durable copper core and is engineered to meet or exceed OEM specifications, ensuring efficient heat dissipation and reliable performance for your agricultural equipment.

It is a direct replacement for Yanmar part number 124160-44501.

2. KEY FEATURES AND SPECIFICATIONS

- **Inlet and Outlet Outside Diameter:** 1.09 inches
- **Height Overall (HOA):** 14 1/2 inches with bracket, 14 3/8 inches without bracket
- **Width Overall (WOA):** 13 3/8 inches
- **Side Frame Width:** 2 3/4 inches
- **Core Height:** 9 1/2 inches
- **Rows:** 2
- **Fins per Inch (FPI):** 7
- **Core Material:** Copper
- **Compatibility:** Yanmar YM1100, YM1300, YM135, YM1500, YM155
- **OEM Quality:** 100% new radiator designed to meet OEM standards.



Figure 2.1: Front view of the Complete Tractor 2806-6205 Radiator, showing the core and cap.



Figure 2.2: Rear view of the Complete Tractor 2806-6205 Radiator, highlighting the inlet and outlet ports.

3. INSTALLATION GUIDE

Safety First: Always ensure the engine is cool and the tractor is turned off before beginning any work. Disconnect the battery. Wear appropriate personal protective equipment (PPE), including gloves and eye protection.

3.1. Tools Required

- Wrench set
- Pliers
- Drain pan
- Hose clamps
- New coolant
- Funnel

3.2. Removal of Old Radiator

1. Place a drain pan under the radiator drain cock. Open the drain cock and allow the coolant to drain completely.
2. Carefully disconnect the upper and lower radiator hoses from the engine and radiator.
3. Disconnect any transmission cooler lines (if applicable) and cap them to prevent fluid loss and contamination.
4. Remove any shrouds, fan guards, or other components obstructing access to the radiator.
5. Unbolt the radiator from its mounting points. Note the location of all bolts and brackets.
6. Carefully lift and remove the old radiator from the tractor.

3.3. Installation of New Radiator

1. Inspect the new radiator for any shipping damage.
2. Position the new radiator into the tractor's radiator support. Ensure it aligns correctly with mounting holes.
3. Secure the radiator with the mounting bolts, ensuring they are tightened to the manufacturer's specifications.
4. Reconnect the upper and lower radiator hoses. Secure them with new hose clamps if the old ones are worn.
5. Reconnect any transmission cooler lines (if applicable).
6. Reinstall any shrouds, fan guards, or other components that were removed.
7. Close the radiator drain cock.
8. Refill the cooling system with the appropriate type and amount of coolant as specified by your tractor's manufacturer. Use a funnel to prevent spills.
9. Bleed the cooling system to remove any trapped air. This typically involves running the engine with the radiator cap off until the thermostat opens, then topping off the coolant. Refer to your tractor's service manual for specific bleeding procedures.
10. Reinstall the radiator cap.
11. Reconnect the battery.

4. OPERATION AND FUNCTION

Once installed, the radiator functions as a critical component of your tractor's engine cooling system. It dissipates heat from the engine coolant to the ambient air, preventing overheating. Monitor your tractor's temperature gauge during operation to ensure the engine is running within its normal operating range. An abnormally high temperature indicates a potential issue with the cooling system that requires immediate attention.

5. MAINTENANCE

Regular maintenance of your radiator and cooling system is essential for longevity and performance.

- **Coolant Level Check:** Regularly check the coolant level in the radiator and overflow reservoir. Top up with the correct coolant type if necessary.
- **Coolant Quality:** Periodically inspect the coolant for discoloration or debris. Flush and replace coolant according to your tractor manufacturer's recommendations, typically every 2-3 years.
- **Radiator Fins:** Keep the radiator fins clean and free of dirt, debris, and insects. Use compressed air or a soft brush to gently clean the fins, being careful not to bend them.
- **Hoses and Clamps:** Inspect radiator hoses for cracks, bulges, or softness. Ensure hose clamps are tight and free of corrosion. Replace any worn or damaged hoses and clamps.
- **Radiator Cap:** Check the radiator cap for a worn or cracked seal. A faulty cap can lead to coolant loss and overheating.

6. TROUBLESHOOTING

If you experience issues with your cooling system, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Engine Overheating	Low coolant level, clogged radiator fins, faulty thermostat, worn water pump, air in system.	Check coolant, clean fins, test/replace thermostat, inspect water pump, bleed air from system.
Coolant Leakage	Loose hose clamps, cracked hoses, damaged radiator, faulty water pump seal.	Tighten clamps, replace hoses, inspect radiator for damage (repair or replace if necessary), check water pump.
Poor Heater Performance	Low coolant level, air in heater core, clogged heater core.	Check coolant, bleed air, flush heater core.

If troubleshooting steps do not resolve the issue, consult a qualified mechanic or your tractor's service manual.

7. WARRANTY INFORMATION

This Complete Tractor radiator is covered by a **1-year warranty**. This warranty covers manufacturing defects and ensures the product's performance throughout typical planting and harvesting seasons. For warranty claims or further details, please refer to your purchase documentation or contact Complete Tractor customer support.

8. CONTACT AND SUPPORT

For technical assistance, parts inquiries, or warranty support, please visit the official Complete Tractor website or contact their customer service department. Always have your product model number (2806-6205) and purchase information ready when contacting support.

Manufacturer: Complete Tractor

Model Number: 2806-6205

ASIN: B07B19WJTR

© 2024 Complete Tractor. All rights reserved.

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/B07B19WJTR>

More documents and user manuals: <https://manuals.plus/>