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› GT03-701 Fuel Tank Instruction Manual

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GT03-701 Fuel Tank Instruction Manual

Brand: Golden Star Auto

1. PRODUCT OVERVIEW

The Golden Star Auto GT03-701 Fuel Tank is a high-quality replacement component designed for specific classic vehicle models. This fuel tank is engineered to meet original equipment specifications, ensuring proper fit and function for your vehicle's fuel system.

It features a built-in filler neck and is equipped with triple vents, specifically designed for vehicles utilizing Evaporative Emissions Controls (EEC) systems. This design helps manage fuel vapor emissions effectively.

Compatible Vehicle Models:

- 1970-1972 Chevelle
- 1970 Monte Carlo



Figure 1: Top view of the GT03-701 Fuel Tank. This image displays the Golden Star Auto GT03-701 Fuel Tank from a top-down perspective. The tank is made of metal and features a circular opening for the filler neck at the top right, along with integrated vent lines for Evaporative Emissions Controls (EEC) systems. A long, cylindrical outlet pipe extends from the bottom center of the tank.

2. SETUP AND INSTALLATION

Installation of a fuel tank requires specialized knowledge and tools. It is highly recommended that this product be installed by a qualified automotive professional to ensure safety and proper functionality. Improper installation can lead to fuel leaks, fire hazards, and damage to the vehicle.

2.1 Pre-Installation Checks

- Verify that the GT03-701 fuel tank is the correct part for your vehicle's make, model, and year.
- Inspect the new fuel tank for any shipping damage, dents, or imperfections before beginning installation.
- Ensure all necessary ancillary components (fuel lines, sending unit, straps, gaskets, etc.) are available and in good condition.
- Disconnect the vehicle's battery before starting any work on the fuel system.

2.2 Installation Steps (General Guidelines)

1. Safely drain all fuel from the old tank into an approved container.

2. Disconnect all fuel lines, electrical connections (e.g., fuel sending unit), and vent lines from the old tank.
3. Carefully remove the old fuel tank from the vehicle, noting the routing of all lines and connections.
4. Transfer the fuel sending unit and any other reusable components from the old tank to the new GT03-701 tank, ensuring new gaskets are used where appropriate.
5. Position the new GT03-701 fuel tank into the vehicle's chassis.
6. Reconnect all fuel lines, electrical connections, and vent lines to the new tank. Ensure all connections are secure and free of leaks. Pay particular attention to the triple vent lines for EEC systems.
7. Secure the fuel tank using appropriate straps and mounting hardware.
8. Reconnect the vehicle's battery.
9. Add a small amount of fuel to the new tank and check for any leaks before fully filling.
10. Start the vehicle and check for proper fuel system operation and any warning lights.

Note: Always refer to your vehicle's specific service manual for detailed, model-specific installation procedures and safety precautions.

3. OPERATING CONSIDERATIONS

Once installed, the GT03-701 fuel tank operates as an integral part of your vehicle's fuel delivery and emissions system. Proper operation primarily involves ensuring the fuel system remains sealed and free of leaks.

- **Fuel Type:** This tank is designed for gasoline. Ensure only the correct octane gasoline specified by your vehicle manufacturer is used.
- **Fuel Filling:** Always ensure the vehicle's engine is off when refueling. Avoid overfilling the tank, as this can interfere with the evaporative emissions system.
- **Emissions System:** The triple vents are crucial for the Evaporative Emissions Controls (EEC) system. Ensure these lines are properly connected and not obstructed to allow the system to function correctly and prevent pressure buildup or vacuum issues within the tank.

4. MAINTENANCE

Regular inspection of the fuel tank and its associated components is essential for long-term reliability and safety.

- **Visual Inspection:** Periodically inspect the exterior of the fuel tank for signs of corrosion, dents, or damage. Check the fuel lines, vent lines, and connections for any signs of leaks, cracks, or deterioration.
- **Strap and Mounting Hardware:** Ensure the tank straps and mounting hardware remain secure and free from rust or damage. Loose mounting can lead to tank movement and potential damage to lines.
- **Fuel Cap:** Ensure your fuel cap is in good condition and seals properly. A faulty fuel cap can affect the evaporative emissions system and may trigger a "Check Engine" light.
- **Cleaning:** If the exterior of the tank becomes dirty, clean it with mild soap and water. Avoid harsh chemicals that could damage the tank's finish or protective coatings.

5. TROUBLESHOOTING

While the GT03-701 fuel tank is a passive component, issues related to its installation or integrity can manifest in various ways. Always prioritize safety when troubleshooting fuel system problems.

- **Fuel Odor:** A strong smell of gasoline around the vehicle is a serious concern. Immediately check for visible leaks from the tank, fuel lines, or connections. Do not operate the vehicle if a leak is detected.
- **Visible Fuel Leaks:** Any visible dripping or pooling of fuel requires immediate attention. This indicates a breach in

the fuel system.

- **"Check Engine" Light (EVAP System):** If the "Check Engine" light illuminates and diagnostic codes point to an evaporative emissions system (EVAP) fault, it could be related to improperly connected vent lines, a faulty fuel cap, or a leak in the tank or its associated lines.
- **Fuel Gauge Inaccuracy:** While typically related to the fuel sending unit, ensure the sending unit is properly installed and sealed in the new tank.

Warning: Fuel system issues can be dangerous. If you suspect a fuel leak or a serious malfunction, do not attempt to repair it yourself unless you are a qualified professional. Seek immediate assistance from a certified mechanic.

6. SPECIFICATIONS

Attribute	Detail
Model Number	GT03-701
Brand	Golden Star Auto
OEM Part Number	GT03-701
UPC	013103001546
Manufacturer	Golden Star
Item Weight	32 pounds
Product Dimensions (L x W x H)	41 x 9 x 38 inches
Fuel Type	Gasoline
Product Grade	Replacement Part

7. WARRANTY AND SUPPORT

Specific warranty terms for the Golden Star Auto GT03-701 Fuel Tank are typically provided by the retailer or manufacturer at the time of purchase. Please retain your proof of purchase for any warranty claims. For technical support, installation guidance, or warranty inquiries, please contact the authorized dealer or the manufacturer, Golden Star Auto, directly. Contact information can usually be found on their official website or through your purchase documentation.

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