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> TRQ 8-Piece Front Suspension and Steering Kit for Ford Escape, Mercury Mariner, Mazda Tribute (Model PSA59683) Instruction Manual

TRQ PSA59683

TRQ 8-Piece Front Suspension and Steering Kit Instruction Manual

Model: PSA59683

1. PRODUCT OVERVIEW

This TRQ 8-Piece Front Suspension and Steering Kit (Model PSA59683) is designed as a direct, maintenance-free replacement for original equipment components. It includes all necessary parts to restore the front suspension and steering performance of compatible vehicles, offering improved road-feel and handling. Each component is manufactured using premium raw materials and coatings for extended service life and is pre-greased for convenience.

2. COMPATIBILITY AND FITMENT

This kit is compatible with the following vehicle models:

- **2009-2012 Ford Escape** (Front)
- **2010-2011 Mercury Mariner** (Front)
- **2010-2011 Mazda Tribute** (Front)

Important: Always verify fitment for your specific vehicle before installation. Refer to your vehicle's service manual for detailed compatibility information.



Image: A graphic emphasizing the importance of verifying product fitment before proceeding with installation.

3. KIT CONTENTS

The TRQ 8-Piece Front Suspension and Steering Kit includes the following components:

KIT PART DETAILS

Includes 8 total parts



2x Front Inner Tie Rods

2x Front Lower Control Arms w/ Ball Joints

2x Front Outer Tie Rods

2x Front Sway Bar Links

Image: An overview of all 8 components included in the kit, clearly labeled.

- **(2) Front Inner Tie Rods:** Essential for steering control.
- **(2) Front Lower Ball Joints:** Critical for suspension movement and wheel alignment.
- **(2) Front Outer Tie Rods:** Connect the steering rack to the wheel hub.
- **(2) Front Sway Bar Links:** Stabilize the vehicle during turns.



Image: Detailed view of the two front outer tie rods.



Image: Detailed view of the two front inner tie rods.



Image: Detailed view of the two front sway bar links.



IMPORTANT



VERIFY FITMENT BEFORE PLACING YOUR ORDER.

Complete fitment information
in the Product Description below.

Image: Detailed view of the two front lower ball joints with accompanying bolts and nuts.

4. INSTALLATION

Installation of suspension and steering components requires specialized tools and automotive knowledge. TRQ strongly recommends that installation be performed by a qualified professional mechanic.

General Guidelines:

- Always consult your vehicle's specific service manual for detailed, step-by-step installation procedures, torque specifications, and safety precautions.
- Ensure the vehicle is properly supported on jack stands or a lift before beginning any work.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Replace components in pairs or sets to ensure balanced performance and extend the life of your steering and suspension system.
- After installation, a professional wheel alignment is highly recommended to ensure proper vehicle handling and tire wear.

TRQ provides installation videos for many of its parts. While specific videos are not embedded here, you can often find relevant guides by searching for 'TRQ' and the specific part or kit on their official channels or website. These resources are designed to help you 'View Before You Do'.

5. MAINTENANCE

TRQ suspension components are designed for extended service life with minimal maintenance. The components in this kit are pre-greased, eliminating the need for initial lubrication.

Recommendations:

- Regularly inspect all suspension and steering components for signs of wear, damage, or loose fasteners during routine vehicle maintenance.
- Address any unusual noises, vibrations, or changes in steering feel promptly.
- While these parts are designed to be maintenance-free, extreme operating conditions may warrant more frequent inspections.

6. TROUBLESHOOTING

If you experience issues after installation, consider the following general troubleshooting steps:

- **Noise or Clunking:** Re-check all fasteners for proper torque. Ensure no components are contacting other parts of the vehicle.
- **Poor Handling or Uneven Tire Wear:** This often indicates an alignment issue. A professional wheel alignment is crucial after replacing steering and suspension components.
- **Loose Steering:** Verify all tie rod ends and ball joints are securely fastened and that there is no excessive play in the steering rack or column.
- **Vibration:** Check for proper wheel balance and ensure all components are installed correctly and free from damage.

If problems persist, it is recommended to consult a certified automotive technician for diagnosis and repair.

7. SPECIFICATIONS

Attribute	Value
Manufacturer	TRQ
Model Number	PSA59683
Kit Quantity	8 Pieces
Product Dimensions	10.16 x 15.24 x 7.62 cm
Item Weight	4.43 kg
Position	Front
Fit Type	Vehicle Specific Fit
Country of Origin	China
UPC	191213596838

8. WARRANTY AND SUPPORT

TRQ products are designed and tested to meet high standards of quality and reliability. While specific warranty details are not provided in this manual, TRQ stands by its promise of Trusted Reliable Quality.

For any questions regarding installation, compatibility, or product performance, please contact TRQ customer support through their official website or authorized retailers. Always provide your product model number (PSA59683) and vehicle information when seeking support.