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 - > SCITOO Front Lower Control Arm Kit (K620486+K620487) for Ford Edge, Lincoln MKX, Mazda CX-9

SCITOO K620486+K620487

SCITOO Front Lower Control Arm Kit Instruction Manual

Model: K620486 + K620487

1. PRODUCT OVERVIEW

This SCITOO 2-piece Front Lower Control Arm and Ball Joint Kit is designed as a direct replacement for specific vehicle applications, ensuring proper fit and function. The kit includes one driver-side and one passenger-side front lower control arm with integrated ball joints.



Image 1.1: SCITOO Front Lower Control Arm and Ball Joint Kit (K620486+K620487)

2. INCLUDED COMPONENTS

The SCITOO Front Lower Control Arm Kit (K620486+K620487) contains the following parts:

- **1 x K620487 Front Lower Control Arm and Ball Joint-** Driver Side
- **1 x K620486 Front Lower Control Arm and Ball Joint-** Passenger Side

Some end parts with grease zerks are pre-greased. Sealed end parts are filled with sufficient oil by the manufacturer to ensure a long service life.

3. VEHICLE COMPATIBILITY

This suspension kit is compatible with the following vehicle models and years:

- **Ford Edge:** 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015
- **Lincoln MKX:** 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015
- **Mazda CX-9:** 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014

Important: Always verify compatibility with your specific vehicle's make, model, and year before installation.

4. WHEN TO REPLACE SUSPENSION COMPONENTS

It is recommended to inspect and replace suspension components if you observe any of the following symptoms:

- **Steering Noise:** Snapping, popping, creaking, or groaning sounds when turning.
- **Rough Ride:** Feeling every bump on the road, indicating reduced shock absorption.
- **Suspension Noise:** Clunking, rattling, or popping sounds when driving over rough surfaces.
- **Steering Difficulty:** Experiencing "memory steer" or poor steering return, where the vehicle does not easily return to a straight path after turning, often due to binding in the upper mount.
- **Uneven Tire Wear:** Irregular wear patterns on tires can indicate alignment issues caused by worn suspension parts.
- **Poor Braking Performance:** Reduced stability or increased stopping distances during braking.



Image 4.1: Visual indicators for suspension kit replacement.

5. INSTALLATION GUIDELINES

Professional installation is strongly recommended for this product. Improper installation can lead to vehicle damage, personal injury, or unsafe driving conditions. SCITOO is not liable for losses or damages resulting from unprofessional installation.

This suspension kit is designed to directly replace the original assembly. While specific steps may vary by vehicle, general installation involves:

1. Safely lifting and securing the vehicle.
2. Removing the wheel and any obstructing components.
3. Disconnecting the old control arm from the steering knuckle and chassis.
4. Installing the new SCITOO control arm, ensuring all bolts are torqued to manufacturer specifications.

- 5. Reassembling removed components and the wheel.
- 6. Performing a wheel alignment after installation to ensure proper vehicle handling and tire wear.

Video 5.1: Overview of SCITOO Suspension Kit components and their function in a vehicle's suspension system.

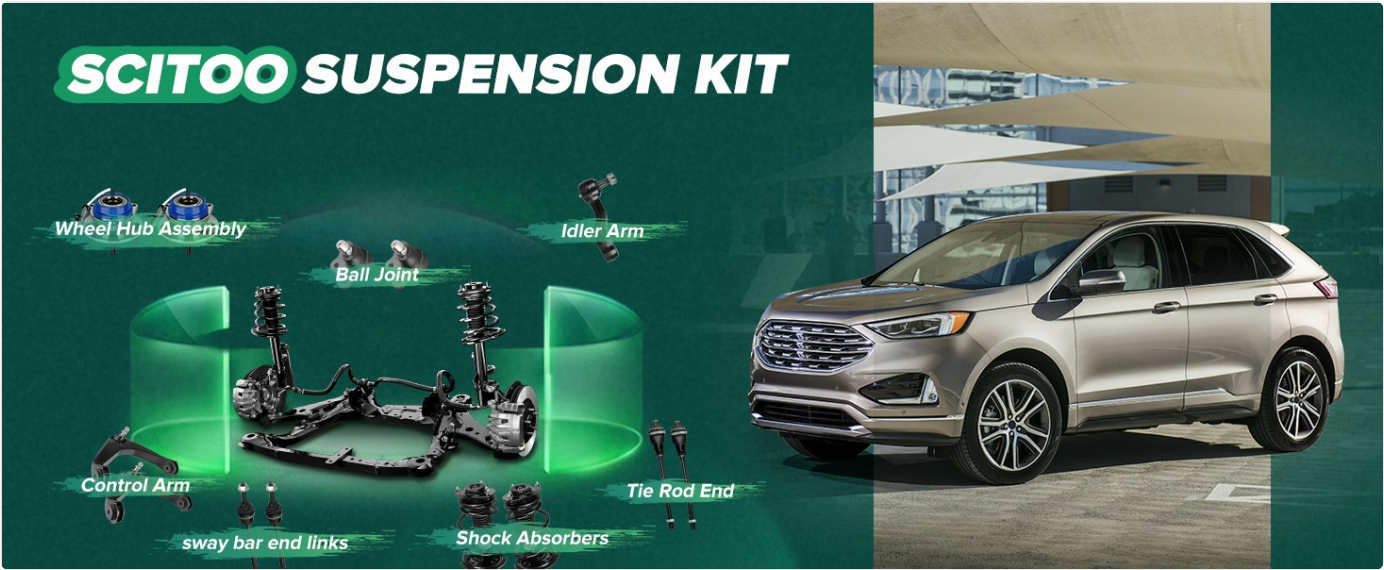


Image 5.2: Comparison of vehicle condition before and after suspension kit installation.

6. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	SCITOO
Model Number	K620486, K620487
Part Position	Front Lower
Fit Type	Vehicle Specific Fit
Item Weight	12.4 Kilograms
UPC	840366487158

7. WARRANTY AND SUPPORT

This SCITOO product comes with a **1 Year Manufacturer Warranty**. For warranty claims or technical support, please contact SCITOO customer service through their official channels or the retailer where the product was purchased.

8. IMPORTANT SAFETY INFORMATION AND LEGAL DISCLAIMER

Safety First:

- Always wear appropriate personal protective equipment (PPE) when working on vehicles.
- Ensure the vehicle is properly supported and stable before beginning any work.
- Refer to your vehicle's service manual for specific torque specifications and procedures.
- If you are unsure about any step, seek assistance from a qualified professional mechanic.

Legal Disclaimer:

All references to brand names and models are for compatibility purposes only and do not imply any affiliation or endorsement by the original manufacturer. This part should be installed by professionals. The correct use of professional techniques and tools can ensure correct and effective completion of the installation. SCITOO shall not be liable for any losses or damages arising from unprofessional installation.

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