

ford escape 2017 parts diagram

ford escape 2017 parts diagram is an essential resource for vehicle owners, mechanics, and automotive enthusiasts seeking to understand the intricate layout and components of the Ford Escape model released in 2017. This comprehensive guide offers detailed insights into the various parts that make up this popular compact SUV, enabling easier repairs, maintenance, and upgrades. With the help of a well-structured parts diagram, users can visually identify components such as the engine, transmission, suspension, and electrical systems. Understanding the ford escape 2017 parts diagram not only enhances troubleshooting efficiency but also supports proper part replacement and ensures vehicle longevity. This article delves into the key sections of the vehicle's parts, providing a clear breakdown of each system. The following table of contents outlines the main areas covered, facilitating straightforward navigation through the complex network of the Ford Escape's components.

- Engine and Transmission Components
- Suspension and Steering System
- Brake System Parts
- Electrical and Wiring Diagram
- Interior and Exterior Body Parts

Engine and Transmission Components

The engine and transmission system form the heart of the Ford Escape 2017, responsible for delivering power and ensuring smooth vehicle operation. The ford escape 2017 parts diagram for the

engine section typically includes the engine block, cylinder head, intake manifold, exhaust manifold, fuel injectors, and various sensors that regulate performance. The transmission components detailed in the diagram cover the gearbox, torque converter, transmission fluid pump, and clutches, which collectively manage power transfer from the engine to the wheels.

Engine Block and Cylinder Head

The engine block is the central framework housing the cylinders that power the vehicle. The cylinder head sits atop the engine block, containing vital components such as valves and spark plugs. Both parts are crucial for combustion and mechanical efficiency. The Ford Escape 2017 parts diagram clearly illustrates their placement and connectivity with other engine parts.

Transmission Assembly

The transmission assembly in the Ford Escape 2017 includes automatic or manual options depending on the trim level. It features key parts such as gears, shafts, and the transmission control module. The parts diagram assists in identifying these elements, providing guidance for maintenance or replacement tasks.

- Engine block and cylinder head
- Intake and exhaust manifolds
- Fuel injection system
- Transmission gearbox and torque converter
- Transmission fluid pump and clutch packs

Suspension and Steering System

Understanding the suspension and steering components is vital for ensuring vehicle stability and handling. The Ford Escape 2017 parts diagram outlines the suspension system, including coil springs, shock absorbers, control arms, and sway bars. Additionally, steering parts such as the steering rack, tie rods, and power steering pump are depicted, all contributing to precise vehicle control.

Coil Springs and Shock Absorbers

Coil springs support the vehicle's weight and absorb road shocks, while shock absorbers control spring oscillations to maintain ride comfort. The diagram identifies these components' exact locations in the front and rear suspension systems of the Ford Escape 2017.

Steering Mechanism

The steering system enables directional control and responsiveness. Key parts include the steering wheel, column, rack and pinion assembly, and tie rods. The parts diagram provides a visual reference to these elements, aiding in diagnosis of steering issues.

- Front and rear coil springs
- Shock absorbers and struts
- Control arms and ball joints
- Sway bars and bushings

- Steering rack, tie rods, and power steering pump

Brake System Parts

The braking system is critical for vehicle safety. The Ford Escape 2017 parts diagram includes all major brake elements such as brake pads, rotors, calipers, master cylinder, and brake lines. Identifying these parts through the diagram helps in performing timely maintenance and ensures optimal braking performance.

Brake Pads and Rotors

Brake pads press against rotors to create the friction necessary to slow or stop the vehicle. The diagram shows the front and rear brake assemblies, highlighting the location and relationship between pads, rotors, and calipers.

Hydraulic Brake Components

The master cylinder and brake lines form the hydraulic system that transmits force from the brake pedal to the wheels. The parts diagram clarifies how these components connect throughout the vehicle's braking system.

- Brake pads and rotors
- Brake calipers and pistons
- Master cylinder and brake booster

- Brake lines and hoses
- Parking brake assembly

Electrical and Wiring Diagram

The electrical system in the Ford Escape 2017 involves a complex network of wiring harnesses, sensors, control modules, and power sources. The Ford Escape 2017 parts diagram for electrical components provides an organized layout of these elements, facilitating troubleshooting and repair of electrical faults.

Wiring Harness and Connectors

The wiring harness bundles multiple wires to connect various electrical parts. The diagram details the routing of harnesses and location of connectors essential for communication between the engine control unit and sensors.

Control Modules and Sensors

Multiple control modules manage systems such as ABS, airbags, and engine performance. The diagram pinpoints these modules and their sensor inputs, assisting in diagnostics and replacement procedures.

- Main wiring harness routes
- Battery and fuse box locations

- Engine control module (ECM)
- ABS and airbag control units
- Various sensors including oxygen, temperature, and speed sensors

Interior and Exterior Body Parts

The Ford Escape 2017 parts diagram also encompasses the vehicle's interior and exterior body components. This includes doors, windows, seats, dashboard assembly, and exterior panels such as fenders, bumpers, and the roof. Understanding the placement and connection of these parts is crucial for body repairs and interior upgrades.

Interior Components

Interior parts such as the dashboard, center console, seats, and airbags are mapped out in the diagram. This assists in locating wiring, mounting points, and related hardware needed during disassembly or replacement.

Exterior Panels and Trim

The exterior body includes structural panels and trim pieces that define the vehicle's appearance and aerodynamics. The parts diagram shows how doors, hood, fenders, bumpers, and lighting fixtures are assembled and interconnected.

- Dashboard and instrument cluster

- Seats and seat belts
- Doors, windows, and mirrors
- Fenders, hood, and roof panels
- Bumpers, grilles, and lighting units

Frequently Asked Questions

Where can I find a detailed parts diagram for the 2017 Ford Escape?

You can find detailed parts diagrams for the 2017 Ford Escape on official Ford service manuals, authorized dealer websites, or automotive parts websites like FordParts.com and online repair forums.

Does the 2017 Ford Escape parts diagram include both mechanical and electrical components?

Yes, comprehensive parts diagrams for the 2017 Ford Escape typically include both mechanical parts such as engine and suspension components, as well as electrical parts like wiring harnesses and sensors.

How can I use a 2017 Ford Escape parts diagram to identify a replacement part?

By locating the specific part on the diagram, you can find its part number and description, which helps you order the correct replacement from dealers or parts suppliers.

Are there online tools that allow interactive viewing of the 2017 Ford Escape parts diagram?

Yes, websites like FordParts.com and some third-party automotive parts retailers offer interactive parts diagrams where you can zoom and click on parts for more details.

Is the 2017 Ford Escape parts diagram available in PDF format?

Official service manuals often include parts diagrams in PDF format, which can sometimes be purchased or accessed through Ford's official service portals or third-party manual providers.

Can I find the 2017 Ford Escape parts diagram for specific systems like the braking system or HVAC?

Yes, parts diagrams are usually organized by systems, so you can find detailed diagrams for the braking system, HVAC, engine, transmission, and more.

Are there differences in parts diagrams for various trims of the 2017 Ford Escape?

Some parts diagrams may vary slightly depending on the trim level or engine option, so it's important to specify your exact model and trim when searching for diagrams.

How accurate are aftermarket 2017 Ford Escape parts diagrams compared to OEM diagrams?

Aftermarket diagrams can be accurate but may lack some details found in OEM diagrams. For precise repairs or restorations, OEM diagrams from Ford are recommended.

Can a 2017 Ford Escape parts diagram help with DIY repairs?

Absolutely, parts diagrams provide visual guidance on component locations and part numbers, making

them very useful for DIY repairs and maintenance.

Additional Resources

1. *Ford Escape 2017: Complete Parts and Repair Manual*

This comprehensive guide provides detailed parts diagrams and repair instructions specifically for the 2017 Ford Escape. It covers everything from engine components to electrical systems, making it an essential resource for both DIY enthusiasts and professional mechanics. The manual includes step-by-step procedures, troubleshooting tips, and maintenance schedules to keep your vehicle running smoothly.

2. *Ford Escape 2017 Electrical Wiring Diagrams*

Focusing on the electrical system of the 2017 Ford Escape, this book offers clear and detailed wiring diagrams to assist with diagnostics and repairs. It includes information on the battery, alternator, lighting, and electronic control modules. This guide is invaluable for anyone looking to understand or fix electrical issues within the Escape.

3. *Ford Escape 2017 Engine and Transmission Parts Catalog*

This parts catalog provides an extensive list and diagrams of engine and transmission components for the 2017 Ford Escape. Perfect for mechanics and parts suppliers, it helps identify exact part numbers and placement for repairs or replacements. The detailed illustrations make it easier to locate and understand each component's function.

4. *DIY Repair Guide: Ford Escape 2017 Suspension and Steering*

This book covers the suspension and steering systems of the 2017 Ford Escape in detail, including parts identification and repair procedures. It features exploded diagrams of key components such as shocks, struts, tie rods, and control arms. With clear instructions and maintenance advice, it is ideal for owners wanting to perform their own repairs.

5. *Ford Escape 2017 Body and Interior Parts Diagram Manual*

Designed for body shop technicians and restorers, this manual provides detailed diagrams of the 2017

Escape's body panels and interior parts. It includes information on doors, seats, dashboard components, and trim pieces. The book helps with accurate part replacement and restoration work.

6. Ford Escape 2017 HVAC System Parts and Repair Guide

This guide explains the heating, ventilation, and air conditioning (HVAC) system of the 2017 Ford Escape, complete with parts diagrams and repair instructions. Readers will find detailed descriptions of components such as the blower motor, evaporator, and climate control modules. It is an excellent resource for diagnosing and fixing HVAC issues.

7. Ford Escape 2017 Brake System Parts and Maintenance Manual

Focusing on the braking system, this manual includes detailed parts diagrams and maintenance procedures for the 2017 Ford Escape. It covers disc brakes, drum brakes, brake lines, and ABS components. The book is designed to help vehicle owners and technicians maintain optimal braking performance.

8. Ford Escape 2017 Fuel System Parts and Troubleshooting Guide

This book provides an in-depth look at the fuel system components of the 2017 Ford Escape, including fuel pumps, injectors, and filters. It includes detailed diagrams and troubleshooting tips to address common fuel-related problems. The guide is aimed at improving fuel efficiency and engine performance through proper maintenance.

9. Ford Escape 2017 Maintenance and Parts Identification Handbook

A practical handbook designed to help owners identify key parts and perform routine maintenance on their 2017 Ford Escape. It features illustrated parts diagrams along with schedules for oil changes, filter replacements, and inspections. This book is an excellent starting point for anyone looking to better understand their vehicle's components.

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