

acura tlx type s manual transmission

Acura TLX Type S Manual Transmission: A Deep Dive into Performance and Driving Dynamics

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Introduction: The Acura TLX Type S, a performance-oriented sedan, made waves when it was initially released, but its unique appeal lies in the offering of a six-speed manual transmission – a rarity in the modern luxury sports sedan segment. This article delves deep into the Acura TLX Type S manual transmission, exploring its engineering, performance characteristics, driving experience, and its place within the broader automotive landscape.

1. The Engineering Marvel: A Detailed Look at the Six-Speed Manual

The Acura TLX Type S manual transmission is not just a repurposed unit from a less powerful vehicle. It's been specifically engineered to handle the increased torque and power output of the Type S's 3.0L twin-turbocharged V6 engine. This necessitates robust internal components, including stronger gear teeth, reinforced shafts, and a more substantial clutch assembly. The gear ratios have been meticulously chosen to optimize acceleration, while still providing a usable top gear for highway cruising. Acura has focused on minimizing shift throws for quick, precise gear changes, a crucial aspect of the manual transmission experience. This attention to detail contributes to the engaging and rewarding driving experience that sets the TLX Type S apart.

2. Performance and Driving Dynamics: Unleashing the Beast

The Acura TLX Type S manual transmission directly impacts the car's performance. The ability to precisely control engine RPM through manual shifting allows the driver to maximize acceleration

and maintain optimal power delivery throughout the rev range. The short throws and precise shifting action enhance the overall dynamic feel, allowing for quicker and more controlled gear changes during spirited driving. Furthermore, the manual transmission fosters a more engaging connection between driver and machine, amplifying the feedback from the road and the engine. This heightened engagement contributes significantly to the overall driving enjoyment offered by the TLX Type S. The car's handling characteristics are further enhanced by the manual transmission, providing a more responsive and engaging driving experience.

3. Shift Feel and Engagement: A Driver-Centric Approach

Acura hasn't just focused on the mechanical aspects of the Acura TLX Type S manual transmission; they've meticulously tuned the shift feel. The throw length is relatively short, yet deliberate, avoiding the overly vague or notchy feel often encountered in some manual transmissions. The clutch engagement is also well-calibrated, providing a smooth take-off and precise control while maintaining a substantial feeling of engagement. This driver-centric approach highlights Acura's commitment to creating a rewarding driving experience. The precise weighting of the shifter and its smooth action contribute to an overall sense of refinement and control, further distinguishing the Type S from its competitors.

4. The Acura TLX Type S Manual Transmission in Context: A Rare Breed

In a landscape increasingly dominated by automatic transmissions, including sophisticated dual-clutch and continuously variable transmissions (CVTs), the inclusion of a manual transmission in the Acura TLX Type S is a significant statement. It caters to a specific segment of enthusiasts who value the direct engagement and control afforded by a manual gearbox. It represents Acura's recognition of the enduring appeal of the manual transmission and its relevance to the driving experience. This commitment to driver engagement is a key differentiator for the Acura TLX Type S in its competitive market segment.

5. Maintenance and Considerations: Caring for Your Manual Transmission

Owning a car with a manual transmission necessitates slightly different maintenance practices compared to automatic transmission vehicles. Regular clutch fluid changes are crucial to maintain proper clutch operation and prevent premature wear. The use of high-quality transmission oil is also recommended to ensure optimal performance and longevity of the transmission components. Understanding these maintenance needs is vital for extending the lifespan of the Acura TLX Type S manual transmission. Furthermore, proper driving techniques, such as avoiding harsh shifting and prolonged slipping of the clutch, can significantly contribute to the overall health of the transmission.

Conclusion:

The Acura TLX Type S manual transmission is more than just a component; it's a defining feature that elevates the driving experience. Its precise engineering, engaging shift feel, and overall

contribution to the car's dynamics make it a compelling choice for enthusiasts seeking a performance-oriented luxury sedan with a manual gearbox. In a world of automatics, it remains a rare and highly valued option.

FAQs:

1. What is the fuel economy of the Acura TLX Type S with the manual transmission? Fuel economy will be slightly lower than the automatic version due to driving style and the inherent inefficiencies of a manual transmission. However, the difference is usually minimal and offset by the enhanced driving experience.
1. Is the Acura TLX Type S manual transmission difficult to drive? The shift feel is designed to be smooth and precise, making it relatively easy to drive. While it requires more driver involvement than an automatic, it is not overly challenging.
1. How durable is the Acura TLX Type S manual transmission? Acura has engineered the transmission for durability, but proper maintenance and driving habits are crucial for long-term reliability.
1. What are the advantages of a manual transmission over an automatic? Manual transmissions offer greater driver engagement, control, and potentially better fuel economy (depending on driving style).
1. What is the warranty on the Acura TLX Type S manual transmission? Consult your Acura dealership for details on the specific warranty coverage.
1. Are there any specific maintenance requirements for the manual transmission? Regular fluid changes are essential for optimal performance and longevity. See your owner's manual for recommended intervals.
1. How does the manual transmission affect the car's handling? The more direct connection to the powertrain can enhance the feeling of feedback and control, contributing to a more engaging driving experience.

1. Is the clutch heavy in the Acura TLX Type S manual? The clutch is designed for a balance of engagement and ease of use; it's not overly heavy.
1. Is it difficult to find an Acura TLX Type S with a manual transmission? Due to the limited availability of manual transmission vehicles, finding one may require more searching than for an automatic model.

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experience, Acura TLX Type S manual transmission, six-speed manual, sports sedan manual, luxury sports sedan. Abstract: This article provides a comprehensive analysis of the Acura TLX ...

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(8)ACURA Service Bulletin 16-065 - National Highway ...

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GPS-linked 18 climate control S - - - - - Tilt/telescopic steering column S (manual) S (manual) S (manual) S (manual); A (power) S (power) S (manual) S Heated steering wheel - S A S S S ...

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doesn't suffer: The TLX obtained a class-leading 24/35/28 EPA fuel- economy rating.1 8 Speed DUAL-CLUTCH The 2.4L TLX houses the world's first 8-speed Dual-Clutch Transmission ...

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Acura TLX Owner's Guide - Acura Owners

n Parking Brake Keep the vehicle from moving when parked. To apply: 1. Pull the parking brake switch up. To release: 1. Depress the brake pedal. 2. Press the parking brake

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12-way power adjustable driver's and front passenger's seat including 4-way power lumbar support Heated front seats Interior accent lighting, white (4 light up areas) Leatherette-trimmed ...

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2011-2015 (except 2015 TLX) SL001 ATF DW-1 MaxLife ATF (Except in CVT) NO 2015: TLX w/V6 Engine ATF-TYPE 3.0 MaxLife ATF NO 2015: TLX w/L4 Engine ATF-TYPE 2.0 Available from ...

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Type S performance to return. Now, the wait is over. Introducing the Acura TLX Type S and the first-ever Type S SUV, the MDX Type S. Each has been painstakingly scrutinized and ...

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Vehicle's Transmission(s) Audi Audi A3 40 PC 1% 53% G G H G Audi Audi A4 allroad 45 MPV 1% 44% G 15% H G H G Audi Audi A4 40 PC 1% 48% G 17% H G H G ... Acura TLX Type-S Perf ...

Towing a Trailer - Acura Owners

Refer to the trailer owner's manual for additional information. Break-in Period Avoid towing a trailer during your vehicle's first 600 miles (1,000 km). Never exceed the gross weight ratings. ...

In the United States - Acura Owners

If you feel your new Acura qualifies for consideration under the lemon law in your area, we suggest you check the laws in your state. We want you to be satisfied with your Acura ...

SPECIFICATIONS - Acura

TLX 2015 SPECIFICATIONS ENGINE Engine 2.4-litre, 16-valve, Direct Injection DOHC, i-VTEC® 4-cylinder Horsepower 206 hp @ 6800 rpm Torque 182 lb.-ft. @ 4500 rpm

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U.S. models *1: If a Maintenance Minder Indicator and message does not appear more than 12 months after the display is reset, change the engine oil every year. #: See information on ...

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• = Included, - = Not Available, T = Technology Package, A = Advance Package, AS = A-Spec, TS = Type S ENGINE/MOTOR TLX 2.0T TLX 2.0T SH-AWD Engine Type DOHC ...

How to Update Wirelessly - Acura Owners

The audio system's firmware can be updated with the telematics control unit (TCU) through the subscription-based service. Wireless connection mode setup 1. Press the (home) button. 2. ...

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Acura TLX Owner s Guide

U.S. Canada Brake system (red) • Brake fluid is low. • There is a malfunction in the brake system. Press the brake pedal lightly to check pedal pressure. If normal, check the brake fluid level ...

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