



Service Bulletin

PRELIMINARY INFORMATION

Subject: New Model Features and Information

Models: 2015 Chevrolet Trax

Equipped with 4 Cylinder, 1.4L, MFI, DOHC, Turbocharged, VVT, Gasoline Engine — RPO LUV

Equipped with Hydra-Matic™ Automatic 6 Speed 6T40 FWD Transmission — RPO MH8

Equipped with Hydra-Matic™ Automatic 6 Speed 6T40 AWD Transmission — RPO MHB

Equipped with Manual 6 Speed M32 FWD Transmission — RPO MR5 (Canada Only)

Introduction to the 2015 Chevrolet Trax



The purpose of this bulletin is to help the Service and Sales Personnel become familiar with some of the features of the 2015 Chevrolet Trax.

With the utility of an SUV and the agility of a compact car, the 2015 Chevrolet Trax is Chevrolet's smallest crossover utility vehicle. Trax has a 100.6-inch (2.56 m) wheelbase and 60.6-inch (1.54 m) front and rear track, which contributes to a more-confident driving experience, while a tight 36.7-foot (11.2 m) turning circle enhances maneuverability helping make the Trax easy to park.

The five-door vehicle with seating for up to five and up to eight seating/cargo-carrying configurations, is equipped with a 4 cylinder, 1.4L turbocharged engine, 6 speed automatic transmission with front wheel drive or available all wheel drive. In Canada, a 6 speed manual transmission is standard on the LS.



Standard technology for U.S. models (available on LT, LTZ in Canada) includes the Chevrolet MyLink™ infotainment system with a 7-inch (178mm) diagonal color-touch screen, with rear vision camera (RVC) and 4G LTE with built-in Wi-Fi hotspot. 4G LTE with the built-in Wi-Fi hotspot provides a mobile hub for drivers and passengers to stay connected, allowing the connection of up to seven multiple personal devices such as smartphones, laptops and tablets to high-speed wireless Internet. The hotspot is on whenever the vehicle is on and comes with a three-month/three gigabyte data trial (whichever comes first), after which the customer can purchase additional data. Also standard is a USB port with MP3 playback and iPod® music device support. The USB port also enables users to upload photos and videos on the Chevrolet MyLink™ screen.

Chevrolet MyLink™ offers Siri® Eyes Free for iPhone® iOS 6, iOS 7 and iOS 8 users which enhances connectivity and convenience. Siri® Eyes Free enables voice-controlled connectivity so customers can keep phones stored and their hands on the wheel.

The Trax for U.S. comes with *Chevrolet Complete Care* which includes two-years/24,000 miles (whichever comes first) of scheduled maintenance, a three-year/36,000 mile bumper-to-bumper warranty and five-year/100,000 mile powertrain warranty - whichever comes first.

The Trax for Canada comes with *Chevrolet Complete Care* which includes two-years/40,000 km (whichever comes first) of scheduled maintenance, a three-year/60,000 km base warranty coverage and five-year/160,000 km powertrain warranty - whichever comes first.

Trax Trim Packages

The 2015 Trax will be offered in three trim level packages for both the FWD and AWD versions. The trim levels offered are the LS, LT and LTZ. The AWD version is not available on the LS in Canada.

Available Service Training

The majority of the systems found on the 2015 Chevrolet Trax are taught in GM's core curriculum from a conceptual theory and operation perspective.

In the United States, to access all of the available training courses visit the following website: www.centerlearning.com

In Canada, to access all of the available training courses visit the following website: www.gmprocanada.com

Training Course Name and System RPO - Course Number and Description

Course Name	Course Number
2015 Trax New Model Launch	#10315.12W (U.S. only)

Engine



The Trax is equipped with a 4 Cylinder, 1.4L, MFI, DOHC, Turbocharged, VVT, Gasoline Engine — RPO LUV.

Engine Specifications

Description	Specification
Displacement	83.2 cu. in. (1364 cc)
Bore and stroke	2.85 x 3.25 in. (72.5 x 82.6 mm)
Block material	Cast iron
Cylinder head material	Cast aluminum
Valvetrain	Dual overhead camshafts, four valves per cylinder, dual continuous variable cam phasing
Ignition system	Coil on plug
Fuel delivery	Sequential multi-port fuel injection with electronic throttle actuator control
Horsepower	138 hp (103 kW) @ 4900 rpm (SAE certified)
Torque	148 lb-ft (200 Nm) @ 1850 rpm (SAE certified)
Compression ratio	9.5:1
Max engine speed	6500 rpm
Emissions controls	Close-coupled and underfloor catalytic converters; pre and post oxygen sensors
EPA - estimated fuel economy	26 city, 34 hwy (FWD) 24 city, 31 hwy (AWD)

Canada - gasoline fuel consumption rating	9.1L/100 km city, 6.9L/100 km hwy (FWD - M/T 6 speed) 9.2L/100 km city, 7.0L/100 km hwy (FWD - A/T 6 speed) 9.7L/100 km city, 7.6L/100 km hwy (AWD - A/T 6 speed)
Recommended fuel	Regular unleaded

dexos® Engine Oil



GM Powertrain engineers developed the dexos® engine oil specification to meet the increasing demands of today's engines.

dexos® licensed products are easy to identify. Simply look for one of the dexos® icons shown above on the front label and the 11-digit alphanumeric dexos® license number on the back label. As long as an oil package displays these two markings, the engine oil is an authentic, licensed dexos® product and is recommended for use in GM vehicles.

Refer to this General Motors website for information about the different licensed brands that are currently available: <http://www.gmdexos.com>

Viscosity Grade

Use SAE 5W-30 viscosity grade engine oil. In an area of extreme cold, where the temperature falls below -20°F (-29°C), an SAE 0W-30 oil may be used. An oil of this viscosity grade will provide easier cold starting for the engine at extremely low temperatures.

Hydra-Matic™ Automatic 6 Speed 6T40 Transmission — RPO MH8 and MHB



The Hydra-Matic™ 6 speed 6T40 transmission — RPO MH8 is used on the front wheel drive (FWD) Trax and is an electronically controlled, automatic overdrive transaxle with an electronically controlled torque converter clutch.

The Hydra-Matic™ 6 speed 6T40 transmission — RPO MHB is used on the all wheel drive (AWD) Trax and is an electronically controlled, automatic overdrive transaxle with an electronically controlled torque converter clutch.

The available AWD system provides extra traction and maneuverability when driving conditions are challenging. The automatically engaging system seamlessly

splits torque between the front and rear wheels when required, for better traction and handling. When it isn't needed, the AWD system automatically shifts into FWD to maximize efficiency.

Use DEXRON®-VI automatic transmission fluid in the FWD and AWD transmissions.

Gear Ratios

Gear	Gear Ratio
First	4.58
Second	2.96
Third	1.91
Fourth	1.45
Fifth	1.00
Sixth	0.75
Reverse	2.94
Final Drive Ratio	3.87

Manual 6 Speed M32 FWD Transmission — RPO MR5 (Canada Only)



The manual 6 speed M32 transmission — RPO MR5 is used on the front wheel drive (FWD) Trax LS. All of the gears including reverse (**R**) are synchronized.

Use BOT 303 Manual Transmission Fluid, GM P/N 19259104, in Canada P/N 19259105.

Gear Ratios

Gear	Gear Ratio
First	4.27
Second	2.35
Third	1.47
Fourth	1.06

Fifth	0.87
Sixth	0.74
Reverse	3.81
Final Drive Ratio	3.83

Airbags

Trax comes equipped with 10 standard air bags:

- Driver and front passenger frontal air bags.
- Driver and front passenger knee air bags.
- Front and rear thorax air bags for all outboard positions, including rear seat mounted thorax air bags.
- Side curtain air bags for front and rear outboard passengers.

Antilock Brakes — StabiliTrak®

The FWD Trax has antilock brakes (ABS) with front disc brakes with ventilated rotors and rear drum brakes.

The AWD Trax has ABS with four-wheel disc brakes with ventilated front rotors and solid rear rotors.

Brake features include electronic brake force distribution, as well as cornering brake control and brake assist. Electronic brake force distribution optimizes the distribution of force to each of the four wheels during braking while driving through turns, depending on the radius of the turn.

The StabiliTrak® electronic stability control system incorporates traction control and rollover mitigation features.

Driver Information Center



The contemporary interior environment features an instrument cluster with a large, performance style analog tachometer combined with a prominent digital display for the speedometer and other readouts. It also includes a 3.5-inch (89 mm) diagonal driver information center (DIC) display with ice blue backlighting.

Electrical Power Management

The vehicle has electrical power management that estimates the battery's temperature and state-of-charge. Electrical power management adjusts the voltage for best performance and extended life of the battery. When the battery's state-of-charge is low, the voltage is raised slightly to quickly bring the state-of-charge back up. When the state-of-charge is high, the voltage is lowered slightly to prevent overcharging. If the vehicle has a voltmeter gauge or a voltage display on the DIC, the driver may see the voltage move up or down. This is normal.

Electrical power management works to prevent excessive discharge of the battery. It does this by balancing the generator's output and the vehicle's electrical needs. It can increase engine idle speed to generate more power, whenever needed. It can temporarily reduce the power demands of some accessories. Normally, these actions occur in steps or levels, without being noticeable. At the highest levels of corrective action, this action may be noticeable to the driver.

Seating — Cargo — Interior Storage



Seating for up to five with up to eight seating/cargo-carrying configurations.



A 60/40-split, flat-folding rear seat and a fold-flat front passenger seat combine to allow storage of long items such as skis or a surfboard, up to 8 feet (2.4 m) long.

Up to 48.4 cubic feet (1,371 L) of cargo space with the rear seat folded and 18.7 cubic feet (530 L) of storage space behind the split-folding rear seatbacks. Standard features include a rigid, removable cargo security cover and a storage area under the rear cargo floor. Dealer available accessory items include a collapsible cargo organizer and cargo net.

Interior Storage



The Trax has 15 interior storage compartments (not all storage compartments are shown), including upper and lower storage in each door, upper and lower glove box, upper and lower center stack, left and right of the center stack and left of the steering wheel.

Folding the Rear Seats

Either side of the 60/40 seatbacks can be folded down for additional cargo space. Fold a seatback only when the vehicle is not moving.

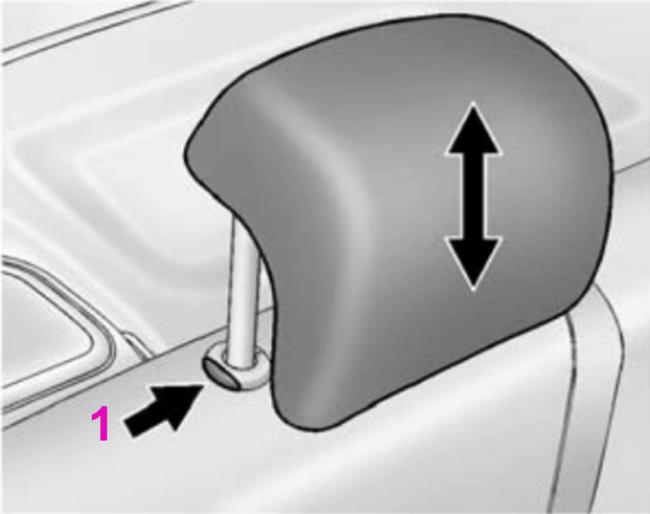
Caution:

- Folding a rear seat with the safety belts still fastened may cause damage to the seat or to the safety belts. Always unbuckle the safety belts and return them to their normal stowed position before folding a rear seat.
- Folding the rear seatback prior to tilting the bottom seat cushion forward may damage the rear seat. Always tilt the rear seat cushion forward before folding the seatback.

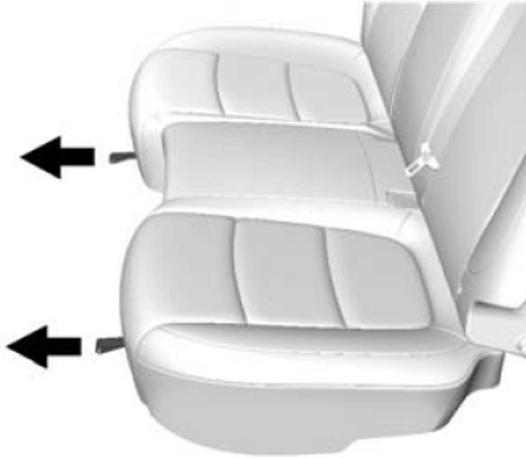
To fold a seatback down:

1. Slide the front seat fully forward and place the front seatback in the upright position.

2. Unbuckle the rear seat safety belt and return it to the normal stowed position.
3. Make sure the floor area in front of the rear seat is clear.



4. Fully lower the rear seat head restraint by pressing the release button (1) located on the top of the seatback and push the head restraint down.



5. Pull the strap on the front edge of the rear seat cushion to release the cushion.



Notice: The rear seat cushion must be tilted forward before the seatback is folded down. Only one seat cushion is shown tilted forward in this view.

6. Tilt the seat cushion (1) forward toward the front of the vehicle.



7. Make sure the safety belt is in the retainer hook on top of the seatback.



8. Reach under the safety belt and pull the lever (1) on top of the seatback. A tab near the seatback lever will raise. When the **red marking on the tab is visible**, the seatback is unlatched.
9. Fold the seatback forward and down.



10. Place the outboard safety belt in the safety belt clip (if equipped) on the side trim of the vehicle.

Suspension — Electric Power Steering

The MacPherson strut front suspension is used with coil-over springs, a direct-acting large stabilizer bar, side-load-compensated front strut modules with a steel 6-point rigid attachment front cross member. This combination delivers ride comfort with sporty, direct responsiveness.

The rear suspension features compound crank (torsion beam) design, with a double-wall, tubular V-shape beam profile and gas-charged twin-tube shocks that combines all the advantages of a conventional torsion beam axle, including minimal space requirements, with low weight and consistent camber control. Noise-damping urethane spring isolators dampen noise.

Electric Power Steering

FWD and AWD models feature rack-and-pinion gear (straight ratio), with a direct-acting, fuel saving column-mounted electric power steering system that helps save fuel by drawing energy only when the steering wheel is turned.

Wheels/Tires — Tire Pressure Monitor System

Wheels/Tires

Wheels	16 x 6.5-inch steel with wheel cover (LS FWD) 16 x 6.5-inch aluminum (LS AWD, LT) 18 x 7-inch aluminum (LTZ)
Tires	P205/70R16 P215/55R18

Tire Pressure Monitor System

The tire pressure monitor system (TPMS) uses radio and sensor technology to check tire pressure levels. The TPMS sensors monitor the air pressure in the tires and transmits tire pressure readings to a receiver located in the vehicle. TPMS will illuminate a low tire pressure telltale lamp when one or more of the tires are significantly under-inflated. TPMS does not monitor the air pressure in the spare tire.

Immobilizer Operation

The immobilizer light should turn **ON** briefly as the engine is started. If the system is working normally, the indicator light will turn **OFF**.

Special Tools

The following tools were released for the 2015 Trax:

Tool #	Description
DT-50839	Transmission Adapter Plate Bushing Replacer
DT-50840	Input Shaft Seal Installer
DT-50937	Spline Protector-IDS Shaft Seal at Right Ext Housing
DT-50985	IDS Excluder Seal Installation - into IDS Flange

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