T-REX RR 24

OWNER'S MANUAL

CAMPAGNA MOTORS
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T-REX RR® OWNER'S MANUAL

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OWNER'S SATISFACTION

Your satisfaction is important to your authorized Campagna dealer and to us. If you have a problem concerning warranty or maintenance of your vehicle, do not hesitate to contact the service department of your Campagna dealer. Fully explain your problem and ask for assistance in resolving the situation. The owner of the retail outlet is concerned with your satisfaction and your future business.

Also, all warranty and service matters are handled and resolved through the authorized Campagna dealer network.

If you are unsatisfied after working with your Campagna dealer and feel you still require further assistance, write us an email at customerservice@campagnamotors.com. Please be certain to provide the model, product identification number, mileage and accessories, dates the events occurred and what action has been taken by both you and your dealer. Include name and address of the retail outlet. To assist us in resolving your inquiry, please include copies of related receipts resolution of your problem. Upon receipt of your correspondence, we will contact the retail outlet and work with them in resolving your problem.

In order to provide a permanent record, all warranty and service resolution take place only through written correspondence.

APPLY CONTACT INFORMATION STICKER HERE

FOREWORD

Thank you for purchasing a T-REX RR. Your new T-REX RR was carefully designed to give many years of dependable and reliable enjoyment.

This manual offers many safe-driving tips, but its purpose is not to provide instruction in all techniques and skills required to drive the vehicle safely. We suggest that you practice driving your vehicle in a non-traffic environment until you are thoroughly familiar with your machine and its controls. Remember, practice makes perfect.

To ensure a long, trouble-free life of your T-REX RR, give it the proper care and maintenance described in this manual.

Always keep this owner's manual aboard your vehicle so that you can refer to it whenever you need information.

This manual should be considered a permanent part of the vehicle and should remain with the vehicle if it is sold.

In a few cases, due to improvements in design and performance during production, there may be minor discrepancies between the actual vehicle and the illustrations and texts in this manual.

REGISTERING YOUR T-REX RR

To ensure warranty support, and satisfaction, please, take the time to register your T-REX RR with Campagna Motors by filling the registration information in the table on the next page and faxing it or mailing it to Campagna Motors. Our coordinates (fax and address information) can be found on the back of the front cover. You can also register your vehicle by using the Campagna Motors' website at the address https://campagnamotors.com/register-your-vehicle/.

OWNER INFORMATION					
FIRST NAME					
LAST NAME					
STREET ADDRESS					
STREET (CONT'D)					
CITY					
STATE/PROVINCE		COUNTRY		ZIP/POSTAL CODE	
PHONE NUMBER					
EMAIL					
VEHICLE INFORMATION					
VIN					
MODEL					
DATE OF PURCHASE					
DEALERSHIP NAME					

IMPORTANT INFORMATION ABOUT THIS MANUAL

Whenever you see the symbols shown below, heed their instructions! Always follow safe operation and maintenance practices.

CAUTION
This caution symbol identifies special instructions or procedures which, if not strictly observed, could result in damage to or destruction of equipment.

WARNING
This warning symbol identifies special instructions or procedures which, if not correctly followed, could result in personal injury or loss of life.

NOTE
This note symbol indicates points of particular interest for more efficient and convenient operation.

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Table des matières

TABLES LIST

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TECHNICAL SPECIFICATIONS

DIMENSIONS

OVERALL LENGTH	138 IN	3505 MM
OVERALL WIDTH	78 IN	1981 MM
OVERALL HEIGHT	42 IN	1067 MM
WHEELBASE	90 IN	2286 MM
GROUND CLEARANCE	4.12 IN	114 MM

ENGINE

TYPE	DOHC, 4-CYLINDER, 4-STROKE, LIQUID-COOLED
DISPLACEMENT	1441 CC (87.93 CU IN)
BORE AND STROKE	84.0 MM X 65.0 MM (3.3 X 2.6 IN)
COMPRESSION RATIO	12.3 : 1
STARTING SYSTEM	ELECTRIC STARTER
CYLINDER NUMBERING METHOD	LEFT TO RIGHT, 1-2-3-4
FIRING ORDER	1-2-4-3
CARBURETOR SYSTEM	F.I. (FUEL INJECTION)

IGNITION SYSTEM	BATTERY AND COIL (TRANSISTORIZED IGNITION)
LUBRICATION SYSTEM	FORCED LUBRICATION (WET SUMP)
ENGINE OIL	CASTROL POWER 1 RACING or MOTUL 300V 4T FACTORY LINE – API SG, SH, SJ, SL or SM with JASO MA, MA1 or MA2 (Viscosity: SAE 10W-40)
ENGINE OIL CAPACITY	4.6 L
COOLANT CAPACITY	5.7 L
SPARK PLUG	NGK CR9EIA-9

TRANSMISSION

TRANSMISSION TYPE	6-SPEED, CONSTANT MESH, RETURN SHIFT
CLUTCH TYPE	WET, MULTI-DISC
DRIVING SYSTEM	CHAIN DRIVE
REDUCTION RATIO	3.412
SPROCKETS FRONT / REAR	17 / 58

GEAR RATIOS

1ST	2.611
2ND	1.947
3RD	1.545
4TH	1.333
5TH	1.154
6TH	1.036
REVERSE	2.470

FRAME

MULTI-TUBULAR STEEL FRAME

WHEEL SIZE AND FUEL TANK CAPACITY

FRONT TIRE SIZE	205/45R16
REAR TIRE SIZE	295/40R18
FRONT WHEEL SIZE	16 IN X 7 IN
REAR WHEEL SIZE	18 IN X 10.5 IN
FUEL TANK CAPACITY	30 L (7.9 US. GAL)

ELECTRICAL EQUIPMENT

BATTERY	12 V, 18 AH, 310 CCA
HI-BEAM AND LOW-BEAM HEADLIGHTS	12 V/24 V, 25 W LOW/12 W HIGH (X 2)
FRONT TURN SIGNAL	12 V/24 V, 7.8 W TURN SIGNAL/0.8 W POSITION LIGHT (X 2)
TAIL BRAKE LIGHT/REAR TURN SIGNAL	12 V, 4 W STOP LIGHT/0.8 W REAR LIGHT (X 2)
THIRD BRAKE LIGHT	LED 12 V, 3 W
BACKUP LIGHT	12 V, P21W (X 2)

CONSUMER INFORMATION

Vehicle minimum stopping distance on dry pavement

These figures indicate braking performance that can be met or exceeded by the vehicle to which they apply, without locking the wheels. The information presented shows results obtainable by skilled drivers under controlled road and vehicle conditions.

TABLE 1 - FULLY OPERATIONAL SERVICE BRAKE MINIMUM STOPPING DISTANCE

	STOPPING DISTANCE	
	FT	M
FROM 70 MPH (113 KM/H) TO 0 MPH (0 KM/H)	167	51

Manufacturer: CAMPAGNA MOTORS

SERIAL NUMBER'S LOCATIONS

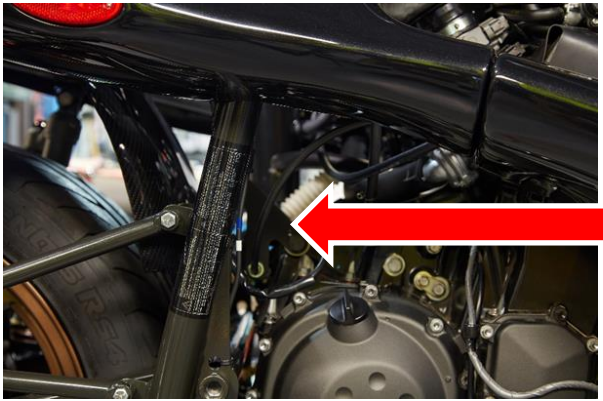
The engine and frame serial numbers are used to register the T-REX RR. They are the only means of identifying your particular machine from others of the same model. These serial numbers may be needed by your dealer when ordering parts.

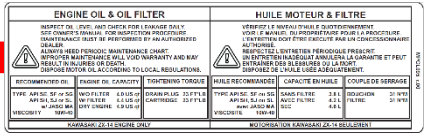
Frame (Vehicle) Serial Number Location

Engine Serial Number Location

LOCATION OF LABELS

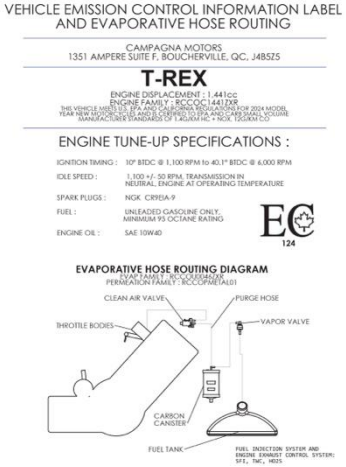
Engine Oil and Filter





Vehicle Emission Control Information Label

(If equipped)



VEHICLE EMISSION CONTROL INFORMATION LABEL
AND EVAPORATIVE HOSE ROUTING

CAMPAGNA MOTORS
1351 AMPERE SUITE F, BOUCHERVILLE, QC, J4B5Z5

T-REX

ENGINE DISPLACEMENT : 1.441cc
ENGINE FAMILY : RCCC1441ZKR
THIS VEHICLE MEETS U.S. EPA AND CALIFORNIA REGULATIONS FOR 2024 MODEL YEAR NEW LIGHT-DUTY MOTOR VEHICLES. IT IS CERTIFIED TO OPERATE ON GASOLINE. MANUFACTURER STANDARDS OF 1.4GJOUR HC + NOX, 12GJOUR CO

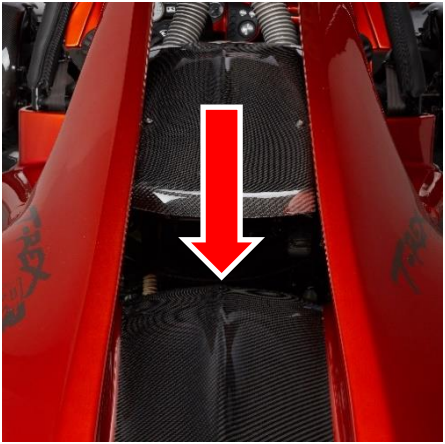
ENGINE TUNE-UP SPECIFICATIONS :

IGNITION TIMING :	10° BTDC @ 1,100 RPM to 40.1° BTDC @ 6,000 RPM
IDLE SPEED :	1,100 +/- 50 RPM, TRANSMISSION IN NEUTRAL, ENGINE AT OPERATING TEMPERATURE
SPARK PLUGS :	NGK CR9EIA-9
FUEL :	UNLEADED GASOLINE ONLY, MINIMUM 93 OCTANE RATING
ENGINE OIL :	SAE 10W40

E 124

EVAPORATIVE HOSE ROUTING DIAGRAM
CVAP FAMILY : RCCC0144ZKR
PERMEATION FAMILY : RCCCPME1A01

CLEAN AIR VALVE
PURGE HOSE
THROTTLE BODIES
VAPOR VALVE
CARBON CANISTER
FUEL TANK
FUEL INJECTION SYSTEM AND ENGINE EXHAUST CONTROL SYSTEM: SFI, TWC, MDS



Important Drive Chain Information

IMPORTANT DRIVE CHAIN INFORMATION

INSPECT DRIVE CHAIN DAILY
VEHICLE MUST BE STANDING UNLOADED ON A LEVEL SURFACE
MEASURE DRIVE CHAIN DEFLECTION MIDWAY BETWEEN SPROCKETS, ON THE LOWER RUN
ADJUST AS NECESSARY TO ACHIEVE PROPER DEFLECTION
LUBRICATE EVERY 400 MI OR AFTER OPERATION INTO WET OR DIRTY CONDITIONS
REPLACE WHEN SERVICE LIMIT IS REACHED
REPLACE USING ONLY GENUINE PARTS
REFER TO OWNER'S MANUAL FOR DETAILS

DEFLECTION	
DEFLECTION	3/4 - 1 IN

SERVICE WEAR	
LENGTH	12.7 IN
20 LINKS SEGMENT	

INFORMATIONS IMPORTANTES CONCERNANT L'ENTRAINEMENT PAR CHAÎNE

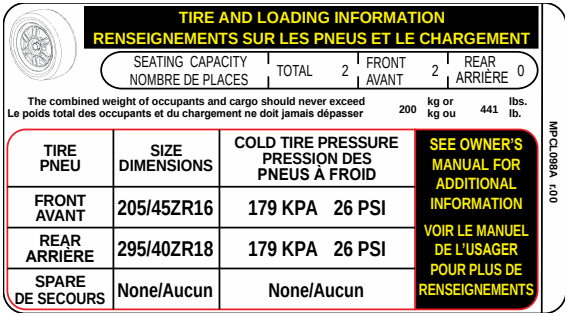
INSPECTEZ L'AJUSTEMENT QUOTIDIENNEMENT
IMMOBILISEZ LE VÉHICULE SUR UNE SURFACE AU NIVEAU
MESURER LA DÉFLECTION DE LA CHAINE SUR LE SEGMENT INFÉRIEUR, À MI-CHEMIN ENTRE LES ROUES DENTÉES
AJUSTEZ POUR MAINTENIR LA DÉFLECTION RECHERCHÉE
LUBRIFIEZ AU 600 KM OU APRÈS CONDUITE SOUS LA PLUIE OU DANS DES CONDITIONS ABRASIVES
REMPLACEZ LORSQUE LA LIMITE D'USURE EST ATTEINTE
REMPLACEZ PAR LA PIÈCE D'ORIGINE UNIQUEMENT
VOIR LE MANUEL DU PROPRIÉTAIRE

DEFLECTION	
DEFLECTION	19 -25 MM

LIMITE D'USURE	
LONGUEUR	323 MM
SEGMENT DE 20 MAILLONS	

MP-CDS1 R3 202

Payload and tire pressure



The maximum recommended load is 200 kg (441 lb). This includes any type of load: driver, passenger, luggage and accessories. Failure to comply with payload limits or tire pressure could adversely affect vehicle handling and performance, resulting in loss of control. Check the tire pressure on a regular basis with a precise gauge.

NOTE
Be sure to replace the air valve cap after checking the pressure.
Measure tire pressure when the tires are cold (i.e. when the vehicle has not been driven more than 1.6 km (1 mi) in the last 3 hours).
Tire pressure is affected by changes in temperature and altitude. Tire pressure should be checked and adjusted when your journey involves large variations in temperature or altitude

CMVSS 208

NOTE
• This vehicle does not comply with the requirements of the dynamic crash test set out in CMVSS208. • This information label does not apply to U.S. vehicles.

LOADING INFORMATION

! WARNING !
Incorrect loading, improper installation or use of accessories or modification of your T-REX RR may result in an unsafe riding condition. Before you ride, make sure it is not overloaded.

NOTE
T-REX RR parts and accessories have been specially designed to be used on a T-REX RR. We strongly recommend that all parts and accessories you add on to your vehicle be genuine or approved T-REX RR components.

With the exception of genuine T-REX RR parts and accessories, Campagna has no control over the design or application of the accessories. In some cases, improper installation of or use of the accessories, or vehicle modification, will void the T-REX RR warranty. In selecting and using accessories, and in loading the T-REX RR, you are personally responsible for your own safety and the safety of any other person involved.

You should instruct any passenger before driving to correctly fasten the seat belt and keep his or her arms and legs inside the vehicle. Do not carry a passenger unless he or she is tall enough to have the seat belt fitted snugly. DO NOT USE ANY BABY SEAT!

Baggage should be securely positioned to prevent baggage movement while you are driving. Check baggage security as often as possible (when the vehicle is in park position) and adjust as necessary.

Do not install accessories or carry baggage that impairs the functionality of the vehicle. Make sure that you have not adversely affected any lighting components, ground clearance, control operation, wheel travel and shock-absorbing movement or any other aspect of the vehicle's operation.

This T-REX RR was not designed to tow any trailer or any other vehicle. Campagna does not design nor manufacture trailers for your T-REX RR and cannot predict the effect of such accessory on the handling or the stability. Campagna can only warn that the effects can be adverse and that Campagna rejects responsibility for the result of such unintended use of the vehicle. Furthermore, any adverse effects on the components caused by the use of such accessory will not be serviced under warranty.

Always perform suspension preload and ride height adjustment after performing significant loading modifications.

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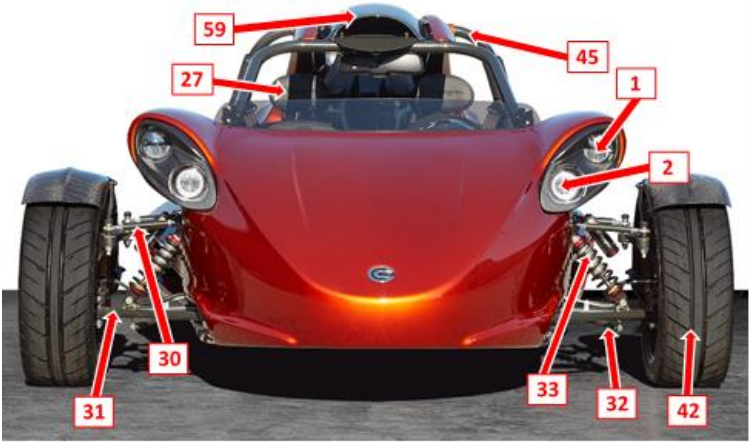
VEHICLE ANATOMY

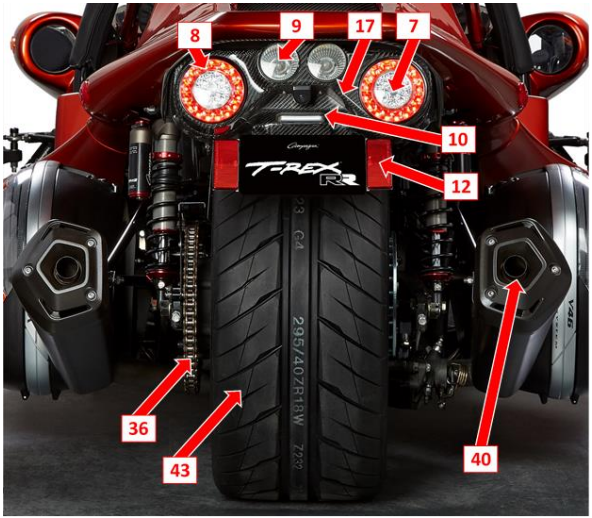


Picture 1 - T-REX RR Front View

ITEM	DESCRIPTION	PICTURE NO
1	HI-BEAM AND LOW-BEAM HEADLIGHTS	1
2	FRONT TURN SIGNAL	1
27	HEADREST	1
30	UPPER A-ARM	1
31	LOWER A-ARM	1
32	ANTI-SWAY BAR	1
33	FRONT SHOCK ABSORBERS	1
42	FRONT WHEEL	1
45	ROLL PROTECTION LOOP	1
59	ENGINE AIR INTAKE	1

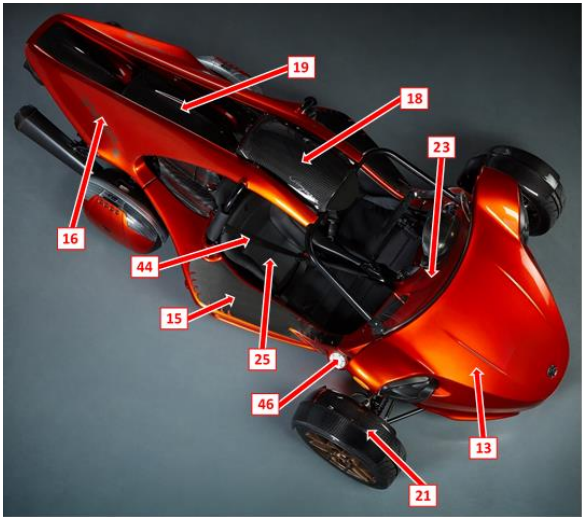
Picture 2 - T-REX RR Left Side View

ITEM	DESCRIPTION	PICTURE NO
4	FRONT SIDE MARKER / FRONT LATERAL SIDE MARKER	2
5	MID-WAY SIDE MARKER	2
6	TAIL SIDE MARKER / REAR LATERAL FLASHERS	2
11	THIRD BRAKE LIGHT	2
17	TAILLIGHT FAIRING	2
29	AIR INTAKE HOSES	2
35	REAR SHOCK ABSORBERS	2
37	RADIATOR	2
38	RADIATOR AIR DEFLECTOR	2
39	FILLER CAP OF THE RADIATOR RESERVOIR	2
61	LEFT LOWER AIR INTAKE (RADIATOR AIR INTAKE)	2
65	BATTERY CHARGER CONNECTOR	2



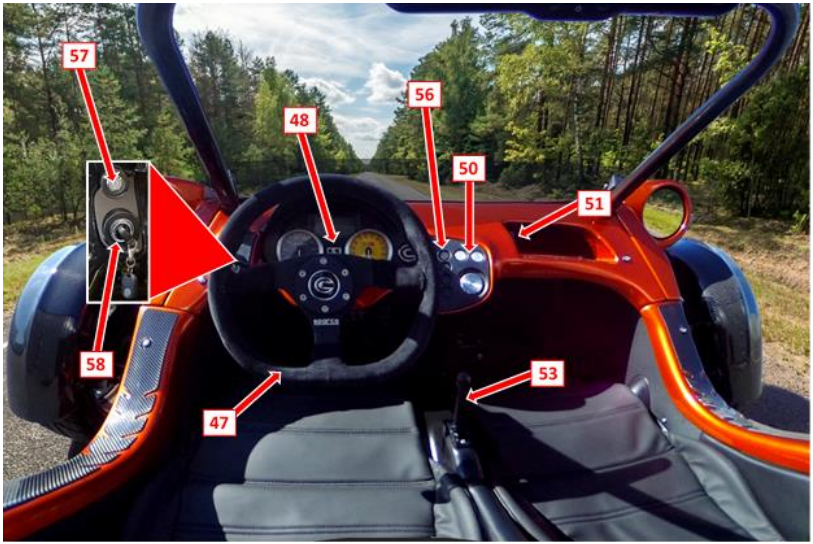
Picture 3 - T-REX RR Rear View

#	DESCRIPTION	PICTURE NO
7	REAR TURN SIGNAL	3
8	TAIL BRAKE LIGHT	3
9	BACKUP LIGHT	3
10	LICENSE PLATE LIGHT	3
12	REAR REFLECTORS	3
17	TAILLIGHT FAIRING	3
36	DRIVE CHAIN	3
40	EXHAUST MUFFLER	3
43	REAR WHEEL	3



Picture 4 - T-REX RR Top View

ITEM	DESCRIPTION	PICTURE NO
13	FRONT HOOD	4
15	SIDE PANEL	4
16	TAIL	4
18	SCOOP	4
19	ENGINE COVERS	4
21	FRONT FENDER	4
23	WIND DEFLECTOR	4
25	SEAT BACKREST	4
44	SEAT BELTS	4
46	FUEL CAP	4

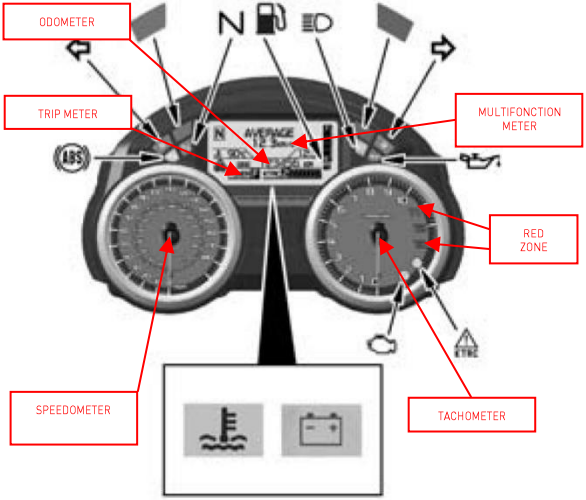


Picture 5 – T-REX RR Passenger's Compartment View

ITEM	DESCRIPTION	PICTURE NO
47	STEERING WHEEL	5
48	METER INSTRUMENTS	5
50	MULTIFUNCTION BUTTONS	5
51	12V POWER OUTLET	5
53	SHIFTER LEVER	5
56	ADDITIONAL INDICATORS	5
57	ENGINE START BUTTON	5
58	IGNITION SWITCH	5

GENERAL INFORMATION

Meter Instruments



Analog Displays / Instruments
Speedometer and Tachometer

The speedometer shows the speed of the vehicle.

The odometer shows the total distance the vehicle has been driven.

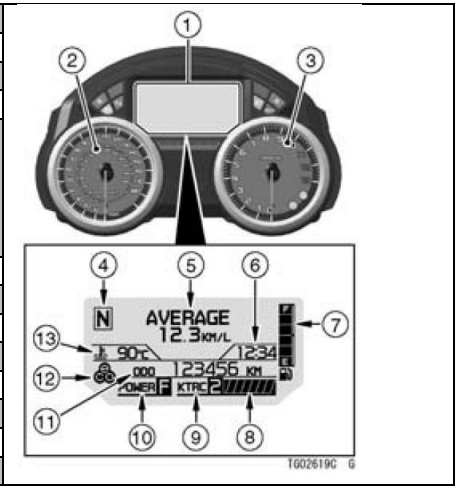
The trip meter shows the distance traveled since it was reset to zero.

The tachometer shows engine speed in revolutions per minutes (rpm). On the right-hand side of the tachometer is a portion called the "red zone". Engine rpm in the red zone is above maximum recommended engine speed and is also above the range for good performance.

CAUTION
Engine revolution speed (rpm) should not be allowed to enter the red zone. Operation in the red zone will overstress the engine and may cause serious engine damage.

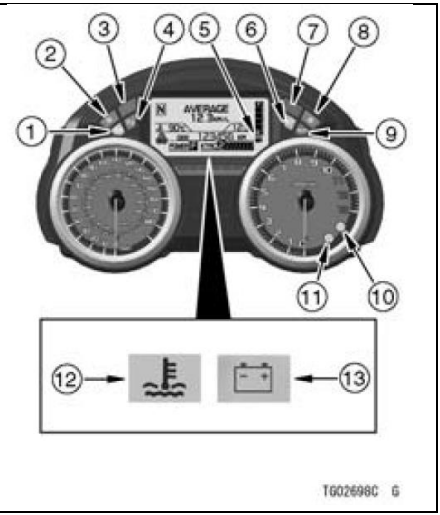
Multi-Function Display (Digital)

1	MULTIFUNCTION METER
2	SPEEDOMETER
3	TACHOMETER
4	GEAR POSITION INDICATOR
5	MULTIFUNCTION DISPLAY AVERAGE MILEAGE/CURRENT MILEAGE/CRUISING RANGE BATTERY VOLTAGE OUTSIDE TEMPERATURE
6	CLOCK
7	FUEL GAUGE
8	KTRC LEVEL INDICATOR
9	KTRC MODE INDICATOR
10	POWER MODE INDICATOR
11	ODOMETER/TRIP METER
12	ECONOMICAL RIDING INDICATOR
13	COOLANT TEMPERATURE METER



Indicators

1		ABS WARNING LIGHT (YELLOW)
2		LEFT TURN SIGNAL INDICATOR (GREEN)
3		WARNING INDICATOR (RED)
4	N	NEUTRAL INDICATOR (GREEN)
5		FUEL LEVEL WARNING INDICATOR (BLACK)
6		HIGH BEAM INDICATOR (BLUE)
7		ENGAGE/SHIFT UP INDICATORS (YELLOW)
8		RIGHT TURN SIGNAL INDICATOR (GREEN)
9		OIL PRESSURE (RED)
10	KTRC	KTRC WARNING INDICATOR (YELLOW)
11		ENGINE WARNING INDICATOR (YELLOW)
12		COOLANT TEMPERATURE WARNING INDICATOR (BLACK)
13		BATTERY WARNING INDICATOR (BLACK)



	When the turn signal switch is pushed to the left, this indicator blinks.
N	When the transmission is in neutral, this indicator goes on.
	When the headlight is on high beams, this indicator goes on.
	When engage indicator and/or the shift up indicator is preset timing, this indicator goes on or blinks. Refer to the Engage/Shift Up Indicator Lighting Mode Setting section for more information and follow instructions in it.
	When the turn signal switch is pushed to the right, this indicator blinks.

NOTE
Do not shift the multifunction meter display while riding for safe operation

Warning Indicators

When warning indicators appear, there could be a problem with vehicle function. Follow actions in the table after stopping the vehicle in a safe place.
*: The numbers in this column corresponds to reference numbers on the Indicators table.

*No.	Indicators	Status	Actions
1		ON	This indicator will initially be ON when the vehicle is turned on. It will turn off once the vehicle is moving. It will turn back ON if a fault is detected. Conventional brakes will still work, but you may not have ABS functionality available. Drive carefully.
3 12		ON	These indicators go on whenever the coolant temperature rises to about 115°C (239°F). Refer to the Coolant Temperature Meter section for more information and follow instructions in it.

*No.	Indicators	Status	Actions
3 13		ON	These indicators go on if the battery voltage is less than 11.0 V or more than 16.0 V. If the voltage is less than 11.0 V, charge the battery. If the voltage is more than 16.0 V, or if indicators still go on after charging the battery, have the battery and/or charging system checked by a Campagna dealer.
5		Blink	The lowest segment and fuel-level warning indicator blink in the multifunction display when approximately 3.25 L (0.9 US gal) of usable fuel remains. Refuel at the earliest opportunity.
		Blink (including all segments)	The fuel level warning system has malfunctioned. Have the fuel level warning system checked by a Campagna dealer.

*No.	Indicators	Status	Actions
9		ON	This indicator turns on when the oil pressure is low. It must turn on when the engine is not running. If it turns on while the engine is running, stop the engine as soon as possible and have the engine checked by an authorised Campagna dealer.
10		ON	The KTRC system is not working and the KTRC mode/level indicator and Power mode indicator blink. Have the system checked by a Campagna dealer.
11		ON	The DFI system has malfunctioned. Have it checked by a Campagna dealer.

Range

The range readout indicates how far you can ride with the fuel remaining in the tank. The figure for average consumption used to calculate the range is not shown and might not be the same as the average consumption reading that appears on the display. You must put at least five liters of fuel into the fuel tank for the new level to be registered correctly.

NOTE
The calculated range is only an approximate reading. Consequently, Campagna recommends that you should not try to use the full range before refueling.

Fuel Down to Reserve

Reserve-fuel symbol lights up.

NOTE
Lack of fuel can result in the engine misfiring and cutting out unexpectedly. Misfiring can damage the catalytic converter; a hazardous situation can result if the engine cuts out unexpectedly.
Do not run the fuel tank dry
Possible cause:
You still have to the maximum the fuel reserve. approx. 9 L (2.4 US gal).
Go fill the tank as soon as possible.

Coolant Temperature Too High

Warning Indicator lights up.

Coolant Temperature Warning Indicator lights up.

NOTE
Continuing to ride when the engine is overheated could result in engine damage. Compliance with the information set out below is essential.
Possible cause:
The coolant temperature is too high.
If possible, ride in the part-load range to cool down the engine.
In traffic jams, switch off the engine, but leave the ignition switched on so that the radiator fan continues to operate.
If the coolant temperature is frequently too high, have the fault rectified as soon as possible by a specialist workshop, preferably a Campagna dealer.

Engine Fault

 The engine symbol lights up.

Possible cause:

The engine control unit has diagnosed a fault.

NOTE
The engine is running in emergency operating mode. Unusual engine response is a possibility. Adapt your style of riding accordingly. Avoid accelerating sharply and overtaking. *If you continue to ride be prepared for unusual engine behavior (low power, poor throttle response, abrupt stalling, etc.)* *Have the fault rectified as quickly as possible by a specialist workshop, preferably a Campagna dealer.*

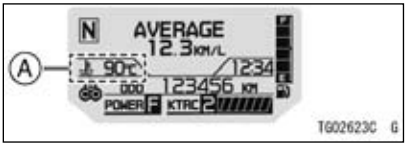
Battery Charge Current Insufficient

Warning Indicator lights up.
Battery Warning Indicator lights up.

NOTE
A discharged battery can render various systems unavailable, for example the lights or the engine.
This can result in dangerous situations. If possible, do not continue your journey.
Battery is not being charged. If you continue to ride the T-REX RR the on-board electronics will drain the battery.
Possible cause: Alternator or alternator drive defective
Have the fault rectified as quickly as possible by a specialist workshop, preferably a Campagna dealer.

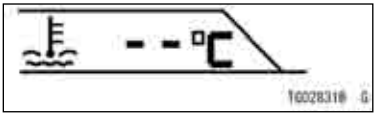
Coolant Temperature Meter

The coolant temperature meter indicates the temperature of the engine coolant.

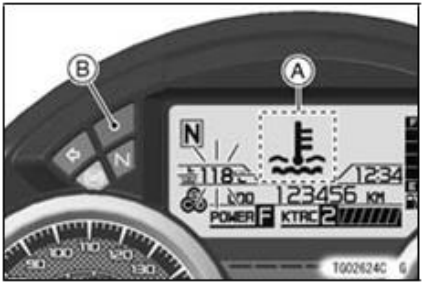


A. Coolant Temperature Meter

If the coolant temperature is below 40°C (104°F), "– –" is displayed.



If the coolant temperature rises to above 115°C (239°F) and below 120°C (248°F), the numerical value of the current coolant temperature starts blinking, the warning indicator and coolant temperature warning indicator also go on. This warns the operator that the coolant temperature is high.



A. Coolant Temperature Warning Indicator

B. Warning Indicator (Red)

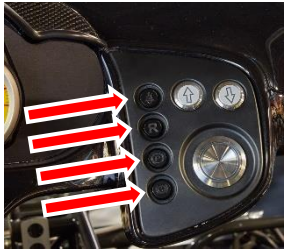
If the coolant temperature rises to 120°C (248°F) or more, "HI" is displayed and starts blinking, the warning indicator and coolant temperature warning indicator also go on. Stop the engine and check the coolant level in the reserve tank after the engine cools down. If the amount of the coolant is insufficient, add coolant to the reserve tank. If the coolant level is good, have the cooling system checked by a Campagna dealer.

! WARNING !

Stop the engine if the coolant temperature shows "HI." Prolonged engine operation will result in severe engine damage from overheating.

Additional Indicators

(At the right of the instrument panel)



The additional indicators (pointed by the red arrows) comprise 4 symbols that can lit while using the T-REX RR.

The symbol of belt is displayed in red.

This indicator shows that the driver is not attached when the vehicle is running

The symbol ''R'' is displayed in red.

This indicator shows that reverse in engaged and you are ready to go back

The symbol ''P'' is displayed in red.

This indicator shows that the parking brake is applied

The symbol ''BRAKE FAILURE'' is displayed in red.

This symbol turn on briefly when the contact key is turned on.

This indicator shows that the brake oil level is too low or the brake pedal goes too far

! WARNING !

As soon as you see the symbol ''BRAKE FAILURE'' stops the vehicle safely.

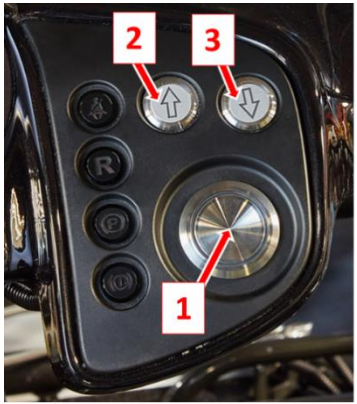
When this symbol appears, it is very risky to use the vehicle. At any time, it is possible to lose the vehicle's brakes.

Make an appointment immediately with a Campagna authorized dealer to fix this problem.

Multifunction Display: Menu Selection

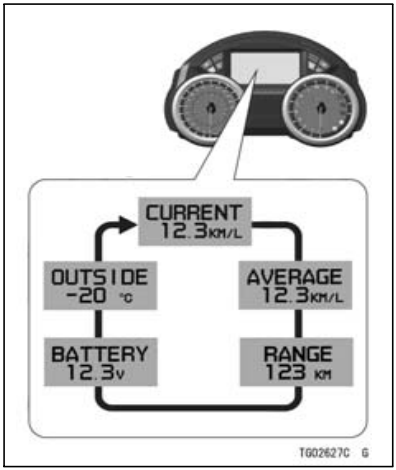
The multifunction buttons are used to operate the various functions displayed in the multifunction meter.

With these buttons, you can select desired functions.

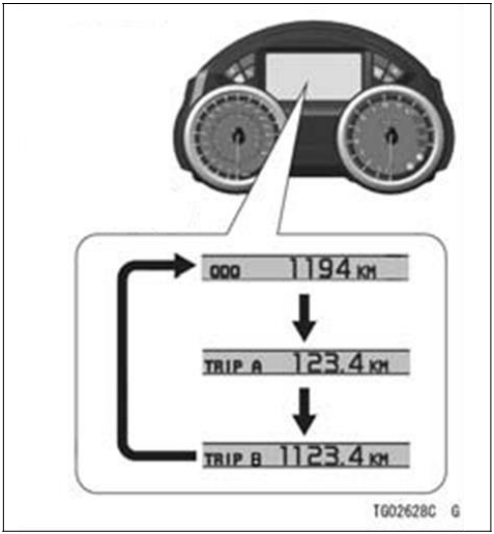


1. SELECT button
2. UP button
3. DOWN button

The picture on the right shows the flow of the display modes when pushing the UP button.

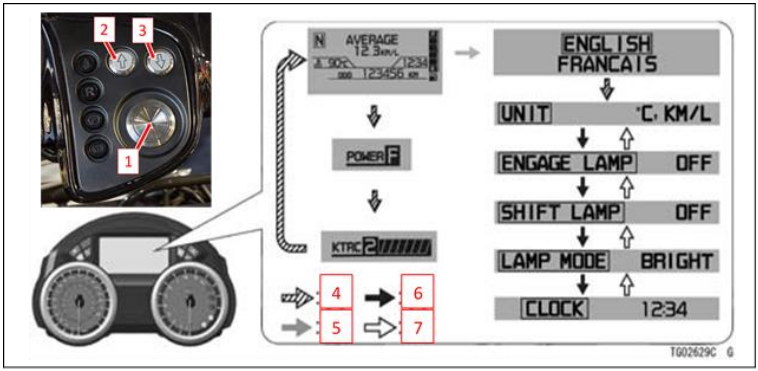


The picture on the right shows the flow of the display modes when pushing the DOWN button.



The picture below shows the flow of the display modes when pushing the SELECT button first. After, a combination

- SELECT Button
- UP button
- DOWN button
- Flow when pushing SELECT button
- Flow when pushing SELECT button for 2 seconds
- Flow when pushing UP button
- Flow when pushing DOWN button of multiple button selections is necessary to navigate thought all the display modes

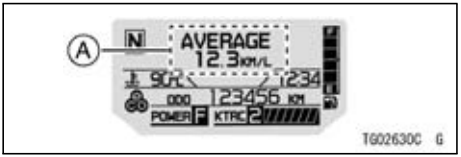


Average Mileage (AVERAGE)

This display shows the average fuel consumption from the reset. The average mileage display is renewed every 5 seconds.

Push the UP button to display the average mileage.

Resetting average mileage: Push the UP button. Hold it in until the average mileage value resets to "– –. –."



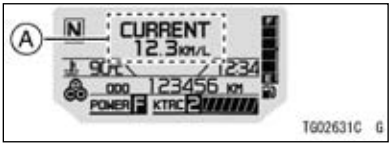
A. Average Mileage

NOTE
When the battery is disconnected, the average mileage resets to "– –.–."
After resetting the average mileage, the numerical value is not displayed until the vehicle has traveled 100 m (328 ft).

Current Mileage (CURRENT)

The current mileage display is renewed every 4 seconds.

Push the UP button to display the current mileage.



A. Current Mileage

NOTE
When the ignition switch is turned on, the numerical value shows "– –.–." After a few seconds of riding the numerical value is displayed.

Cruising Range (RANGE)

This display shows the cruising range by numerical value, and indicates the cruising range from the remaining fuel in the fuel tank. This cruising range display is renewed every 20 seconds.

Push the UP button to display the cruising range.

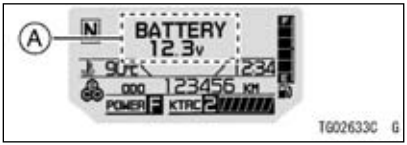
A. Cruising Range

NOTE
The cruising range value is no longer shown if the fuel level gets too low after the fuel level warning indicator starts blinking. *To recover the cruising range value display, add fuel to at least the level needed for the fuel level warning indicators to stop blinking. The cruising range may still be displayed with a low fuel level, but it will not be accurate until enough fuel is added to stop the fuel level warning indicator from blinking.*

Battery Voltage (BATTERY)

This display shows the battery voltage.

Push the UP button to display the battery voltage.



A. Battery Voltage

NOTE
The battery voltage may not be displayed correctly in this meter when the battery voltage is less than 9.0 V or more than 16.0 V.
The battery voltage shown in this display may differ from the numerical value measured by another device.

Outside Temperature (OUTSIDE)

This display shows the outside temperature by numerical value. The outside temperature display is renewed every 5 seconds.

Push the UP button to display the outside temperature.

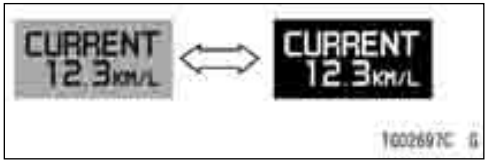
A. Outside Temperature

NOTE
The outside temperature can be displayed from –20°C (–4°F) to 60°C (140°F). The outside temperature may not be displayed correctly in this meter when the speed is less than 20 km/h (12 mph), or the outside temperature sensor gets wet. The display value of the outside temperature does not increase when the speed 20 km/h (12 mph) or less.

Multifunction Display Color Setting

Push the UP button for more than 2 seconds to change the display color of the multifunction display.

NOTE
The display color of the multifunction display can be changed when the CURRENT, RANGE, BATTERY or OUTSIDE displayed.



Odometer and trip meters

The odometer shows the total distance. This meter cannot be reset.

To reset the trip meter:

- Push the DOWN button
- Hold it in until the display turns to 0.0

NOTE
When the odometer comes to 999999, the display is stopped and locked. *When the trip meter reaches 9999.9 while riding, the meter resets to 0.0 and continues counting.*

System Menu Setting

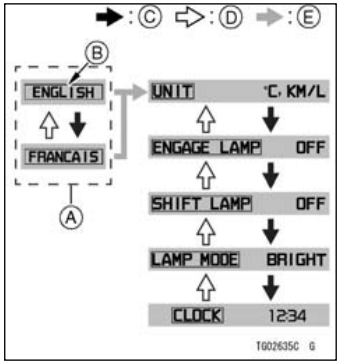
NOTE
These settings cannot be shifted while riding. Operate these setting with the vehicle stopped. *The unit setting in the multifunction display can be changed according to local regulations. Make sure the unit setting is correctly displayed before riding.*

The settings you can choose are as follow:

- Language Setting: Language (ENGLISH, FRANCAIS)
- Unit Setting: UNIT (KM/L, L/100KM, MPG USA, MPG UK)
- Engage Indicator Setting: ENGAGE LAMP
- Shift Up Indicator Setting: SHIFT LAMP
- Engage/Shift Up Indicator Lighting Mode Setting: LAMP MODE
- Clock Setting: CLOCK

Language Setting: Language (ENGLISH, FRANÇAIS)

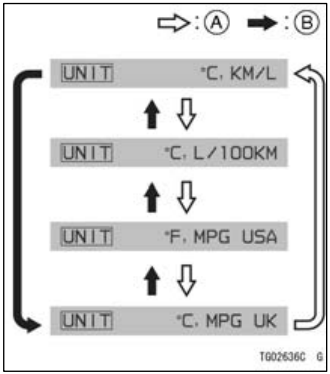
- The language displayed in the multifunction meter can be changed between English and French in this Language Setting Menu.
- Push the SELECT button for 2 seconds.
- Align the cursor and select language to display by pushing the UP or DOWN button.
- Push the SELECT button, if advancing to the unit setting for changing the unit of mileage or setting the engage indicator, shift up indicator, engage/shift up indicator lighting mode and the clock.
- Push the SELECT button for 2 seconds, if not advancing to the other unit setting.



A. Language Setting
B. Cursor
C. Flow when pushing DOWN button
D. Flow when pushing UP button
E. Flow when pushing SELECT button

Unit Setting: UNIT (KM/L, L/100KM, MPG USA, MPG UK)

- Push the UP or DOWN button to align the cursor to "UNIT" after setting the language.
- Push and hold the SELECT button until the previous unit setting blinks.
- Select the unit to display by pushing the UP or DOWN
- button. The unit shifts as the following order (see picture at the right).
- Push the SELECT button to set the display unit after setting.

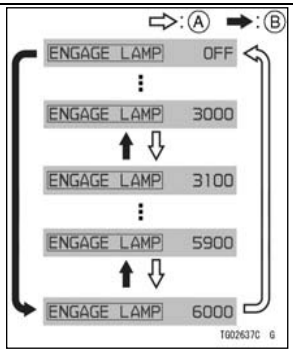


A. Flow when pushing UP button
B. Flow when pushing DOWN button

Engage Indicator Setting: ENGAGE LAMP

The engage indicator can be used in closed course competition. Do not use the engage indicator during everyday riding.
The engage indicator is used to indicate the preferred timing for clutch engagement under the following conditions: transmission is in 1st gear; the clutch lever is pulled in; the vehicle speed is less than 5 km (3.1 mph).
To adjust the engage indicator engine speed setting in the multifunction meter, do the following while the engine is stopped.

- Push the UP or DOWN button to align the cursor to "ENGAGE LAMP" after setting the language.
- Push and hold the SELECT button until the previous engage indicator setting blinks.
- Push the UP or DOWN button to adjust the engage indicator engine speed setting. The engine speed timing advances in 100 rpm increments up to its maximum setting.
- Select the OFF mode to disable the engage indicator when it is not required.
- The adjustment range for this function is between



A. Flow when pushing UP button
B. Flow when pushing DOWN button

1 200 to 6 000 rpm.

- Once the maximum engine speed setting for the engage indicator has been reached, the increments revert to the minimum setting engine speed.
- Push the SELECT button to confirm the engage indicator engine speed setting after adjustment.

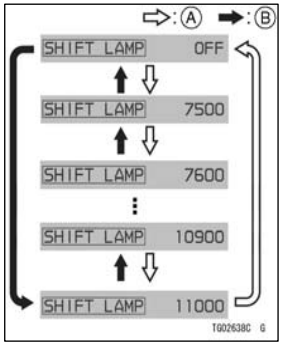
NOTE
Pushing and holding the UP or DOWN button advances the engage/shift up indicator engine speed continuously. *The data is maintained even if the battery is disconnected.*

Shift Up Indicator Setting: SHIFT LAMP

The shift up indicator can be used to indicate the timing for next up shift to prevent engine damage by illuminating the engage shift up indicator once a preset engine speed is reached. The engine speed controlling the switching on of the upshift warning light is adjustable.

To adjust the shift up indicator engine speed setting in the multifunction meter, do the following while the engine is stopped.

- Push the UP or DOWN button to align the cursor to “SHIFT LAMP” after setting the language.
- Push and hold the SELECT button until the previous shift up indicator setting blinks.
- Push the UP or DOWN button for adjusting the shift up indicator engine speed. The engine speed timing advances in 100 r/min (rpm) increments up to its maximum setting.
- Select the OFF mode to disable the shift up indicator function when it is not required.
- The engine speed adjustment range for this function is from 7 500 to 11 000 r/min (rpm).
- Once the maximum engine speed setting for the shift up indicator of 11 000 r/min (rpm) has



A. Flow when pushing UP button
B. Flow when pushing DOWN button

been reached, the increments revert to minimum engine speed.

- Push the SELECT button to confirm the shift up indicator engine speed setting after adjustment.

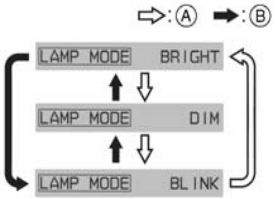
NOTE
Pushing and holding the UP or DOWN button advances the engage/shift up indicator engine speed continuously. *The data is maintained even if the battery is disconnected.* *Engine r/min (rpm) should not be allowed to enter the red zone; operation in the red zone will overstress the engine and may cause serious engine damage.*

! WARNING !

Failing to properly observe the road ahead increases the chance of an accident. Do not concentrate on the shift lamp by taking your eyes off the road, observe using peripheral vision. When shifting down to a lower gear, do not shift at such a high speed that the engine r/min (rpm) jumps excessively. Not only can this cause engine damage, but the rear wheel may skid and cause an accident. Downshifting should be done below 5 000 r/min (rpm) for each gear.

Engage/Shift Up Indicator Lighting Mode Setting: LAMP MODE

- The engage/shift up indicator lighting mode has 3 modes: light on (bright), light on (dim), and blinking.
- Push the UP or DOWN button to align the cursor to "LAMP MODE" after setting the language.
- Push and hold the SELECT button until the previous lighting mode setting blinks.
- Push the UP or DOWN button and lighting mode will shift among light on (bright), light on (dim) and blinking while engage/shift up indicator goes on or blinks.
- Push the SELECT button to confirm the engage/shift up indicator lighting mode setting after adjustment.



A. Flow when pushing UP button
B. Flow when pushing DOWN button

NOTE
The data is maintained even if the battery is disconnected.

Clock Setting: CLOCK

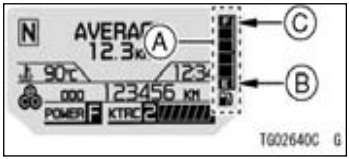
- To adjust the clock:
  - Push the UP or DOWN button to align the cursor to “CLOCK” after setting the language.
  - Push the SELECT button to select the hour or minute digits.
  - Push the UP or DOWN button to adjust the hour or minute digits.
  - To finish the adjustment, push the SELECT button.

NOTE
Pushing and holding the UP or DOWN button advances the hours or minutes continuously.
When the battery is disconnected, the clock is reset to 1:00 and starts working again when the battery is connected.

Fuel Gauge

The fuel level in the fuel tank is shown by the number of segments displayed between E (empty) and F (full).

When the fuel tank is full, all the segments are displayed. As the fuel level in the tank goes down, the segments disappear one by one from F (full) to E (empty).



A. Segments
B. E (Empty)
C. F (Full)

NOTE
When the lowest segment (E) starts blinking, refer to the Warning Indicators section.

Gear Position Indicator

This display shows the corresponding gear position when the transmission is shifted. As the transmission is shifted, the corresponding gear position (1st to 6th) is shown in this display. When the transmission is in neutral, "N" is displayed, and the neutral indicator goes on.

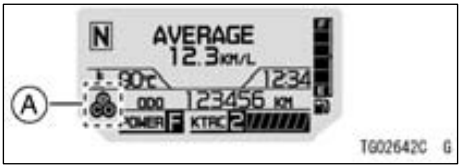
1	The transmission is in 1st gear.
N	The transmission is in neutral.
2	The transmission is in 2nd gear.
3	The transmission is in 3rd gear.
4	The transmission is in 4th gear.
5	The transmission is in 5th gear.
6	The transmission is in 6th gear.

A. Gear position indicator
B. Neutral indicator

NOTE
If the gear position display in the multifunction meter shows "□" the transmission is not properly shifted to 1st. Be sure to shift the transmission.

Economical Riding Indicator

When riding the vehicle efficiently, the economical riding indicator appears on the multifunction meter to indicate favorable fuel consumption. Monitoring the economical riding indicator can help the rider maximize fuel efficiency.



A. Economical Riding Indicator

! WARNING !

Failing to properly observe the road ahead increases the chance of an accident resulting in severe injury or death. Do not concentrate on the economical riding indicator by taking your eyes off the road; observe using peripheral vision.

Kawasaki Traction Control (KTRC)

KTRC is an intelligent system that calculates the slip level of the rear wheel (wheelspin) during acceleration and controls the optimum slip ratio to suit the riding conditions. KTRC can contribute to a stable ride not only for sports riding but also when riding on a rough or slippery road surface. KTRC is designed for use on public roads. KTRC cannot respond to every condition. Acceleration may be delayed under certain conditions.

Mode 1:
KTRC least intervenes among the three modes. This mode gives maximum acceleration for sports riding.

Mode 2:
KTRC intervention is at the intermediate level between the mode 1 and mode 3.

Mode 3:
KTRC intervenes early enough to prevent the rear wheel from spinning whenever possible. This mode is used in low grip situations.

Mode OFF:
Not recommended. This mode disables the KTRC completely and will not prevent any wheelspin at

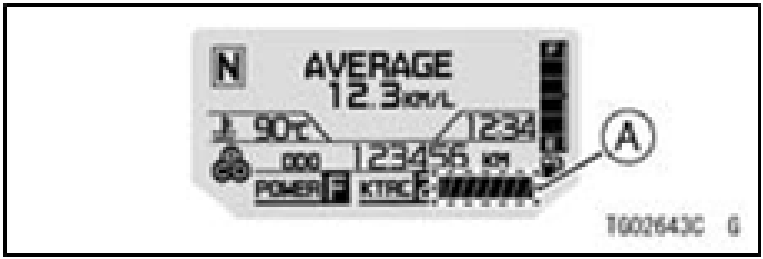
all. For experienced track driver, this mode leaves all the responsibility to the driver.

NOTE
If the user changes the dimensions of the wheels, he must get the KTRC calibration module to make sure that the system works correctly.

! WARNING !
Do not change the dimensions of the wheels/tires so as not to affect the KTRC.

KTRC Level Indicator

The instantaneous strength and weakness of the KTRC operation can be checked with the KTRC level indicator in the multifunction meter while the motorcycle is running. The stronger the traction control works, the more the segments go on.



A. KTRC Level Indicator

KTRC Mode Setting

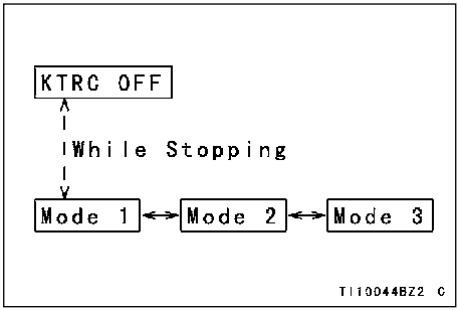
For more detailed information about the KTRC warning indicator, the KTRC mode indicator and the KTRC level indicator, see the Indicators section.

- Remove the foot from the throttle pedal completely.
- Push the SELECT button to select the KTRC mode indicator. When the KTRC mode indicator is selected, it blinks.
- Push the UP or DOWN button to select the KTRC mode. The KTRC OFF can be selected only when the vehicle is at a stop.
- Check the KTRC mode indicator to make sure that the mode has been changed. When the traction control is activated rear wheel starts to break traction, the segment(s) of the KTRC level indicator goes on.

A. KTRC Mode Indicator
B. KTRC Level Indicator
C. KTRC Warning Indicator (Yellow)

UP button:
Mode 3 → Mode 2 → Mode 1 → OFF

DOWN button:
OFF → Mode 1 → Mode 2 → Mode 3



NOTE

When changing the mode, stop the vehicle.

When 30 seconds have passed or the throttle is opened after the KTRC mode indicator starts blinking, it stops blinking and the selected mode is fixed.

The mode can be changed only when the foot is completely removed from the throttle pedal.

The display/mode is switched when the button is released. When the button is held for more than two seconds, the switching function does not work.

Operate the throttle carefully while the KTRC is OFF because wheel-spin of the rear wheel cannot be controlled.

NOTE
In the KTRC mode 1, 2 or 3, the selected mode is maintained even when the ignition switch is turned to "OFF" position, or the battery is discharged or removed. *In the KTRC OFF, the mode is automatically switched to 1, whenever the ignition switch is turned to "OFF" position. Also, the mode is automatically switched to 1, when the ignition switch is turned to "ON" position after the battery is discharged or removed.*

Power Mode

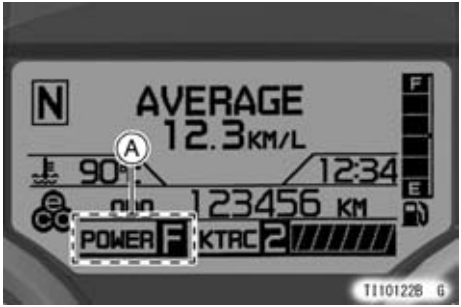
The Power mode determines the engine power output characteristics and has two settings. The Power mode and the KTRC can be set separately. By combining each setting, the rider can get various riding feelings. For further details on the combined use of the Power mode and the KTRC, refer to KTRC and Power Mode Combination section.

Mode F (Full Power):
The highest engine power output is achieved. The rider can feel the full throttle response of the engine.

Mode L (Low Power):
About 80% of the highest engine power output is achieved. The throttle response is milder than F mode

Power Mode Setting

- Bring the vehicle to a complete stop.
- Remove the foot from the throttle pedal completely.
- Push the SELECT button to select the Power mode indicator. When the Power mode indicator is selected, it blinks.
- Push the UP or DOWN button to select the Power mode.
- UP button: Mode F (Full Power)
- DOWN button: Mode L (Low Power)
- Check the Power mode indicator to make sure that the mode has been changed.



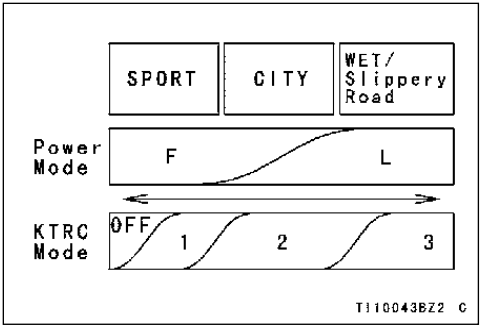
A. Power Mode Indicator

NOTE
Power mode setting is maintained if the ignition switch is turned to "OFF" position, or if the battery is disconnected.

NOTE
When changing the mode, stop the vehicle. *When 30 seconds have passed or the throttle is opened after the Power mode indicator starts blinking, it stops blinking and the selected mode is fixed.* *The mode can be changed only when the foot is completely removed from the throttle pedal.* *The display/mode is switched when the button is released. When the button is held for more than two seconds, the switching function does not work.*

KTRC and Power Mode Combination

By combining the KTRC mode and Power mode, the eight-pattern settings are available to suit the various conditions. For example, on a slippery road surface, combining the Power mode "L" with the KTRC mode "3" can reduce the rear wheelspin. The combination of each mode should be decided according to the driving skill and road conditions. Set the combination with reference to the following table.



Examples of combination modes

Anti-lock Braking System (ABS)

The anti-lock braking system (ABS) is designed to improve vehicle handling when braking. The role of this system is to automatically regulate the braking force. Brake force weighting helps prevent wheel lockup and maintains steering control when braking. The distribution of braking between the front and rear wheels is done automatically at the level of the brake pedal.

Although the anti-lock braking system increases control when braking, it is important to be aware of the following characteristics:

ABS cannot compensate for adverse road conditions, misjudgments, or improper brake application. You must exercise the same caution as with a vehicle without the ABS system.
ABS is not designed to shorten braking distance. Its function is to increase vehicle control during braking.
The anti-lock braking system cannot be deactivated.

! WARNING !

ABS is not a substitute for safe driving practices. Be aware of how the ABS system works and its limitations. It is the driver's responsibility to drive at speeds and in a manner suitable for weather conditions, road surface and traffic.

! WARNING !

Use of non-recommended tires may confuse computers, which may cause faulty ABS. Always use standard tires recommended for this vehicle.

NOTE

The ABS warning light may come on while driving. In this case, first turn the ignition key to "OFF" and then back to "ON". The ABS warning light goes out by this operation, but if the ABS warning light stays on after the vehicle is driven at a speed of about 6 km/h or less, you should have the ABS checked by an authorized Campagna Motors dealer.

When the ABS is activated, it is normal to feel a pulsation in the brake pedal. It is not necessary to suspend the application of the brakes. It is also normal to see the ABS warning light flash when the system is on.

ABS does not operate at speeds of approximately 6 km/h (4mph) or less.

ABS does not work if the battery is discharged. Normally, the ABS light comes on when the ignition is turned on and goes off shortly after the vehicle begins to move. If the light shows any of the following, a fault or faults may have occurred in the ABS. You should have the ABS checked by an authorized Campagna Motors dealer.

The warning light comes on and stays on after the vehicle is started. Remember that ABS does not work when the light is on, but if ABS fails, the conventional brake system still works normally.
The light does not come on when the ignition switch is turned on.
The warning light remains on after the vehicle is started.

Keys

Each T-REX RR has two keys: one is used for the ignition switch and the other locks the suitcase.

Blank keys are available at your Campagna dealers. Ask your dealer to make any additional spare keys you may need using your original key as a master.

Always log down your key numbers. You will need this information in case you need to buy a new set from your local Campagna dealer. Most of the keys have their number written directly on the key.

	Key number
Ignition Key	
Side cases	

CAUTION
The above table (Key Numbers) should not be left filled in the vehicle. Make a copy of it, then fill it and place it in a secure area. *Failure to keep those numbers in a safe place will provide an easy solution to thefts.* *Failure to log those numbers may complicate things up in the event that you lose your keys.*

NOTE
A maximum of five other duplicate keys can be repeated on a vehicle.

Ignition Switch

The contact has two positions. The key can be removed from the ignition in position 2.

POSITION	SYSTEMS
1 ON	ELECTRICAL CIRCUITS (ON)
2 OFF	ENGINE (OFF) ELECTRICAL CIRCUITS (OFF)

NOTE
The tail, running position, and license plate lights are on whenever the ignition switch is in the ON position. The headlights go on when the starter button is released after starting the engine. To avoid battery discharge, always start the engine immediately after turning the ignition switch to ON. If you leave the PARK position on for a long time (1 hour), the battery may become totally discharged.

Engine starting

To start the engine, proceed as follows:

- Turn the ignition switch to the "ON" position (see the Ignition Switch section).
- Press the immobilizer button on the key fob briefly.
- Set transmission to neutral.
- Push the clutch pedal.
- Press and hold down the starter button until the engine starts or for a maximum of 5 s.

CAUTION
Do not operate the starter continuously for more than 5 seconds or the starter will overheat and the battery power will drop temporarily. Wait 15 seconds between each operation of the starter to let it cool and the battery power recover.

CAUTION
Do not allow the engine to idle for more than five minutes or overheating and damage may occur.

NOTE
The vehicle is equipped with a starter lockout switch. This switch prevents the electric starter from operating when the clutch is not engaged or the transmission is not in neutral.

Engine stopping

To stop the engine, wait until the radiator cooling fan turn off, then put the key at position 2.

Applying and Removing the Parking Brake

The parking brake lever is located on the left-hand side, inside front body leg compartment.

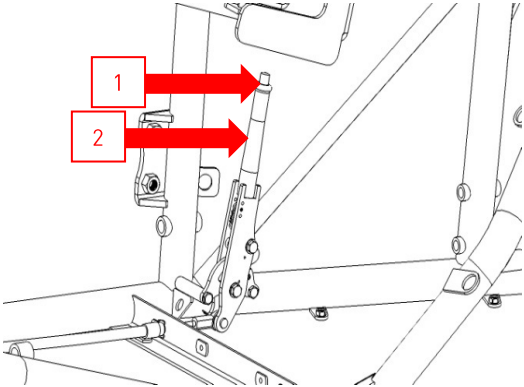
To apply the parking brake:

- Pull on the lever (2).

Before attempting to move the vehicle, fully release the parking brake.

To remove the parking brake:

- Push in the parking brake lever button on top of this lever
- Push lever fully forward.



Parking Brake Lever

CAUTION
The parking brake is designed to be applied when the vehicle is still (not in motion) and removed before the vehicle is driven.

CAUTION
Keeping the clutch pedal pushed for a long period may cause clutch overheating and damage. When the vehicle is stopped, shift into neutral and release the clutch.

NOTE
Always make sure the vehicle transmission is properly set to neutral before releasing the clutch.

Engine immobilizer

This engine immobilizer system is used to disable engine starter.

Normal use of the engine immobilizer key

After turning the ignition key to the “on” position, press briefly on the button on the key fob to allow engine starting.

The immobilizer reactivate itself after approximately 10 seconds after the ignition switch has been turned “off”.

Automatic transmission mode

Campagna Motors does not recommend the use of the automatic transmission mode.

The automatic transmission allows to start the vehicle without pressing the button on the key fob. This mode work by transmitting the signal every few seconds.

Activation and disabling the automatic transmission

Press continuously on the key fob button for approximately 5 seconds. The light on the key fob will flash initially then stop blinking.
If the light stays on, the automatic transmission is now enabled.
If the light stays off, the automatic transmission is now disabled. This is the recommended mode.

! WARNING !

The consumption of the battery of the engine immobilizer key is faster when the automatic transmission is activated. Change the battery every month. If the battery of the engine immobilizer key is completely discharged, the engine will not start.

! WARNING !

When the automatic transmission is activated and the engine immobilizer key is at a certain distance from the vehicle (even inside the house, for example), the signal can unlock the immobilizer. Make sure to deactivate the automatic transmission when it is desired to keep the immobilizer locked.

! WARNING !

Do not leave the engine immobilizer key inside the vehicle when it is parked and left unattended.

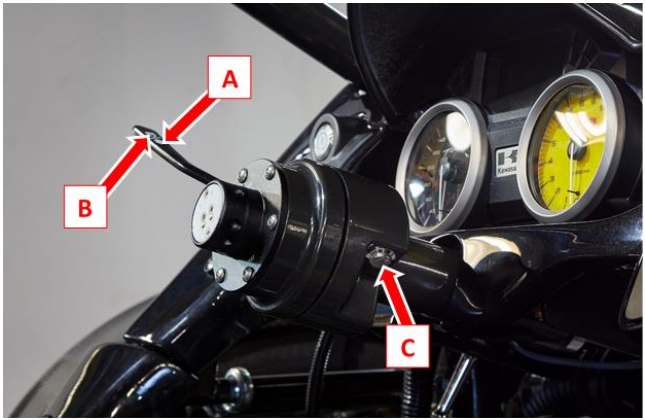
Battery replacement

The key fobs for the immobilizer can be opened with a razor blade or another sharp object.

- Insert the blade on the side of the fob, between the two halves.
- Pry to separate the parts.
- Replace the battery.
- Press the two halves together to close back the key fob.

NOTE
The use of a blade is only to split open the halves, not to cut. Do not use force. *Use a quality CR2032 battery. A lower quality cell can have a shorter life and may leak, which would damage the key fob.*

Steering Column Controls



Components:

A. Turn signals

B. High-Low beams

C. Hazard

Turn Signals Switch (A)
When the turn signal switch is pushed down (left) or up (right), the corresponding turn signal flashes on and off. To stop flashing, turn the wheel in the opposite direction of the signal.

High-Low Beams Switch (B)
This switch is used to select the appropriate headlight mode between high and low beams. Pull the switch to activate the high beams. When the headlights are on high beams (HI), the high beam indicator light is lit. Pull again to deactivate the high beams.

CAUTION
Always respect local regulations using the high beams of your vehicle.

Hazard Switch (C)
If an emergency requires you to signal your position or ask for help, turn on the hazard lights to warn other drivers of your location. Push in the hazard switch with the Ignition switch in ON position. All the turn signals and turn signal indicator lights will flash on and off. Once activated the ignition switch can be turned off and the key removed. To disable, simply press the button again.

NOTE
The hazard system stay enabled a few seconds after it get disabled. It is possible to reenable it during that time without the use of the key. *Hazard is an emergency signal and shall therefore be used only in emergency situations.* *Using the hazards for an extended period may totally discharge the battery when the engine is not running. A partially discharged battery might not be able to start the engine.*

Removing the steering wheel

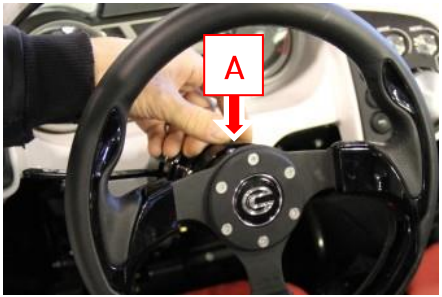
To get in the driver's seat, the steering wheel can momentarily be removed.

To remove the steering wheel:

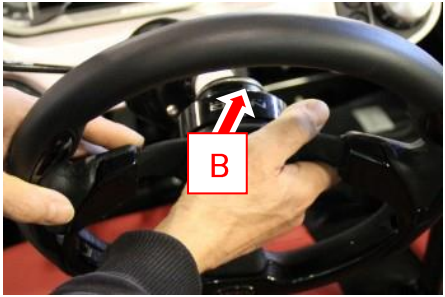
- Push button (A) located in the rear of the steering wheel.
- Holding the button (A) down, pull the ring (B) behind the steering wheel toward you.
- Remove the steering wheel.

To put back the steering wheel:

- Replace the steering wheel on the steering column.
- Turn the steering wheel until you hear a click.
- Make sure the button (A) is in closed position.



A = closed position



B = open position

! WARNING !

Always ensure that the steering wheel is properly bound to the steering column before driving your vehicle.

Getting into the Driver Seat

To slip into the driver seat:

- Remove the steering wheel as previously shown.
- STEP 1: Grab the frame tube with the right hand and sit down on the highest position of the side panel.
- STEP 2: Put your left hand on the air intake and rotate the two legs at the same time toward the inside of the vehicle.
- STEP 3: Change the position of the right hand on the frame tube (palm up) in order to slip into the driver seat while contracting lightly the biceps to slow down the movement.
- STEP 4: Securely fasten your seat belt and replace the steering wheel.

CAUTION
Before driving your vehicle, make sure your rear-view mirrors, backrest, pedal carriage and other components are properly adjusted.

Step # 1 **Step # 2** **Step # 3** **Step # 4**

Getting out of the Vehicle

To slip out of the driver seat:

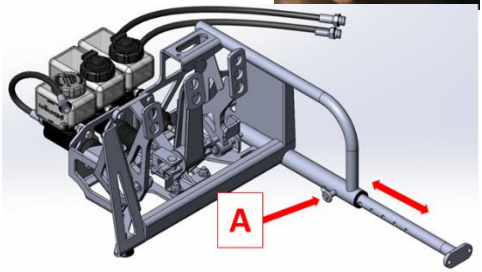
- Remove the steering wheel as previously shown.
- STEP 1: Detach the seat belt.
- STEP 2: Take the frame tube with the right hand and the bodywork with the left hand and lift you up by pushing the antiroll bar with the heels.
- STEP 3: Sit down on the air intake on the driver side and change the position of the right hand on the frame tube (palm down) to hold you well with the frame. Rotate the two legs at the same time toward the outside of the vehicle. Avoid hanging the turn signal lever.
- STEP 4: Put the two feet on the ground and replace the steering wheel.

Step # 1 Step # 2 Step # 3 Step # 4

Pedal Carriage Adjustment

To adjust the pedal box assembly position:

- Pull out the adjustment pin (A) on the pedal carriage by pressing the tip button with your thumb while holding the flange from behind with two fingers.
- Move the pedal box assembly and set the distance so that the driver's knees are slightly bent.
- Select the nearest adjustment hole and repeat step 2 to put back the adjustment pin while making sure it is fully secured in place and the carriage is blocked into position.



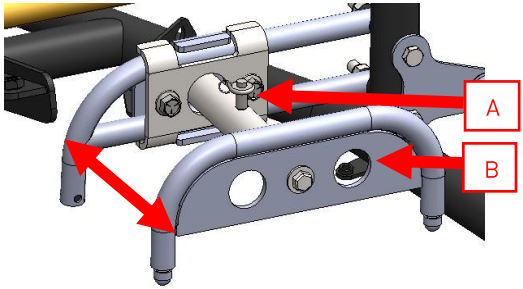
CAUTION

Before driving your vehicle, make sure that your pedal box is secured in place and that the pin goes all the way through the sliding cylinder.

Adjusting the Passenger Side Footrest

To adjust the footrest assembly position:

- Pull out the adjustment pin (A) on the footrest assembly (B) by pressing the tip button with your thumb while holding the flange from behind with two fingers and pull the pin from the footrest.
- Move the footrest and set the distance so that the passenger's knees are slightly bent.
- Select the nearest adjustment hole and repeat step 1 to put back the adjustment pin while making sure it is fully secured in place and the carriage is blocked into position.



CAUTION

Before driving your vehicle, make sure that your footrest is secured in place and that the pin goes all the way through the sliding cylinder.

Seat Backrest Adjustment

To adjust the backrest position, follow this procedure:

- Remove backrest adjustment pin by pressing the tip button with your thumb while holding the flange from behind with two fingers (See Removing the adjustment pin on the previous page).
- Slide backrest so that the driver/passenger is comfortable.
- Align the nearest hole and repeat step 1 to reinsert the pin making sure the backrest is secured in place.

CAUTION
Before driving your vehicle, make sure that your backrest is secured in place and that the pin goes all the way through the sliding cylinder.

Refueling

To open the fuel tank cap:
- Flip up the latch.
- Then turn the latch counterclockwise.
- Pull out the cap by grabbing it by the latch.

To close the fuel tank cap:
- Replace the fuel cap in the fuel trap.
- Turn latch clockwise and make sure the cap is secured in place.
- Flip down the latch.

! WARNING !
Do not fill the tank to the cap. Gasoline expands as the temperature rises, which could cause the tank to overflow and damage the paint.

Fuel Requirements

When filling the fuel tank of your T-REX RR, always observe fuel requirements stated in this section. Avoid filling the tank in the rain or where heavy dust is blowing. Failure to do so may cause fuel contamination.

! WARNING !
Gasoline is extremely flammable and can be explosive under certain conditions. Turn the ignition switch OFF. Do not smoke. Make sure the area is well ventilated and free from any source of flame or sparks; this includes any appliance with a pilot. *After refueling, make sure the tank cap is closed securely. If gasoline is spilled on the T-REX RR body, wipe it off immediately.*

Octane Rating

The octane rating of gasoline is a measure of its resistance to detonation or "knocking". Use gasoline with an octane rating equal to or greater than that shown in the table below.

TABLE 2 - FUEL RECOMMENDED MINIMUM OCTANE RATING

OCTANE RATING METHOD		MINIMUM RATING
ANTIKNOCK INDEX	$\left(\frac{RON + MON}{2}\right)$	91
RESEARCH OCTANE NUMBER (R.O.N.)	(RON)	95

The Antiknock Index is an average number of the Research Octane number (RON) and the Motor Octane Number (MON). The Antiknock Index is posted on service station pumps in the U.S.A. and most of Canada. Research Octane Number is a commonly used term describing a gasoline's octane rating.

Gasoline Containing Oxygenates (Alcohols & Ethers)

Gasoline frequently contains oxygenates (Alcohols and ethers) especially in areas of the U.S. and Canada which are required to sell such reformulated fuels as part of a strategy to reduce exhaust emissions. The types and volume of fuel oxygenates approved for use in unleaded gasoline include a broad range of Alcohols and ethers. Gasoline quality is important. Fuels of low quality or not meeting industry specifications may result in unsatisfactory performance. Heed the following caution:

CAUTION
Operating problems that result from the use of poor quality or non-recommended fuel may not be covered under your warranty. Never use gasohol with an octane rating lower than the minimum octane rating specified by Campagna for this product. Never use gasohol containing more than 10 % ethanol (grain alcohol). Never use gasohol containing more than 5 % methanol (wood alcohol). Gasoline containing methanol must also be blended with co-solvents and corrosion inhibitors. Never store this product with gasohol in the fuel system. Gasoline containing alcohol can cause paint damage. Be extra careful not to spill gasohol during refueling.

Electrical Accessories
12 V Electrical Outlet

Your T-REX RR is equipped with a 12V outlet similar to a cigarette lighter adaptor. The 12V outlet is situated on the passenger side of the dashboard. It is covered by a plastic cap to prevent water from entering it. When not in use, make sure the plastic cap is always properly in place.

The electrical outlet is protected by a 5A fuse. If you overload the power outlet with too many accessories, the fuse will trip. In that case you will need to replace the fuse.

To prevent possible battery drainage, the power outlet is switched with the ignition. To turn off the outlet, turn the ignition switch 'OFF'.

Battery Charger

Your T-REX RR comes standard with a battery charging/maintenance kit.

The connector portion is already wired to the battery and the output jack is located on the rear left side of the vehicle (see the Vehicle's Anatomy section).

The battery charger use is detailed in the Battery section.

ENGINE BREAK-IN

The first 1000 miles (1600 km) that the vehicle is driven is designated as the break-in period. If the vehicle is not used carefully during this period, you may very well end up with a “broken down” instead of a “broken in” vehicle after a few thousand miles.

The following rules should be observed during the break-in period.

Observe maximum engine revolution speeds below for each step of the break-in period.

TABLE 3 - ENGINE BREAK-IN LIMITATIONS

DISTANCE TRAVELED		MAXIMUM ENGINE REVOLUTION SPEED
0 – 500 mi	[0 – 800 km]	4000 r/min [rpm]
500 – 1000 mi	[800 – 1600 km]	6000 r/min [rpm]

- Do not start moving or race the engine immediately after starting it, even if the engine is already warm. Run the engine for two or three minutes at idle speed to give the oil a chance to work up into all the engine parts.

- Do not race the engine while the transmission is in neutral.

Vehicle Use

Forward Operation

To start your vehicle moving on its own power, from a complete stop:

- Follow the procedure “Engine starting” in the “General Information” section.
- Remove the parking brake.
- Make sure your vehicle is completely stopped and the clutch pedal is fully pushed.
- Push the shifter lever forward until the vehicle is fully engaged in 1st gear.
- Push lightly on the throttle pedal and start releasing the clutch pedal very slowly.
- As the clutch starts to engage, push the throttle a little more, giving the engine just enough fuel to keep it from stalling.
- Keep on releasing the clutch slowly until it is fully engaged, then remove your foot from the clutch pedal.

Reverse Gear Operation

To operate the reverse gear:

- Make sure your vehicle is completely stopped and the clutch pedal is fully pushed.
- Push the shifter lever in 1st gear.
- Pull the reverse lever toward you while releasing the clutch pedal until the friction point in order to engage the reverse gear.
- The reverse indicator R and the rear-view camera are enabled.
- Slightly release the clutch pedal very slowly to get the vehicle moving.

To disengage the reverse gear:

- Make sure your vehicle is completely stopped.
- Push the shifter lever in the neutral gear N (green indicator lights up).
- Push the reverse lever to disengage the reverse gear.

! WARNING !

Completely stop the vehicle on a flat surface before attempting to switch direction of operation (forward/backward).

! WARNING !

Trying to move the shifter when the vehicle is in the reverse gear can damage the reverse gear, cancel the warranty and cause injuries or death.

CAUTION

The reverse gear should engage easily when the vehicle is moving really slowly. Do not force the reverse gear if a knock is heard from the transmission.

Shifting Gears

For each main transmission gear shift, follow this procedure:

- Release throttle pedal.
- Push the clutch pedal all the way.
- Shift into the next higher or lower gear.
- When needed, press lightly on the gas while smoothly releasing the clutch pedal.

Shifting Up

- To shift up 1 gear, pull the shifter lever once.

Shifting Down

- To shift down 1 gear, push the shifter lever once.

Shifting to Neutral

- Shift down to the 1st gear, then pull gently. The neutral is between the 1st and 2nd gear.

NOTE
The T-REX RR engine is equipped with a sequential transmission. That means that one movement of the shifter lever will result in one gear shift (you cannot move more than one gear ratio in one hit).

Braking

To slow down or completely stop the vehicle in a normal driving situation, follow this procedure:

On dry pavement, use the engine braking when possible:

- Release fully the accelerator.
- Downshift when the engine reached a low RPM.
- Once in 1st gear and that the engine is at low RPM, fully depress the clutch.
- Use the brakes to bring the vehicle to a complete stop.

On wet or slippery road, use only the brakes:

- Fully depress the clutch.
- Use the brakes to bring the vehicle to a complete stop.
- Downshift to 1st gear.

! WARNING !
Never lock the brakes, or it will cause the tires to skid.

! WARNING !
Reduce your speed before you enter a corner. *Avoid braking while taking a curve.*

! WARNING !
Always straighten the vehicle wheels before applying brakes, accelerating or shifting gears. Failure to follow this directive may result in loss of control causing material damages, injuries or death of you, your passenger or other motorist or pedestrians.

CAUTION
To protect the emission control components, do not turn off the ignition switch when the vehicle is in motion.

Emergency Stopping

In an emergency, your vehicle may be stopped by applying the brakes and disengaging the clutch.

NOTE
For emergency braking, follow standard braking while disregarding downshifting and concentrating on applying the brakes as hard as possible without skidding.

Parking

Before leaving the driver seat of the vehicle, always park the vehicle:

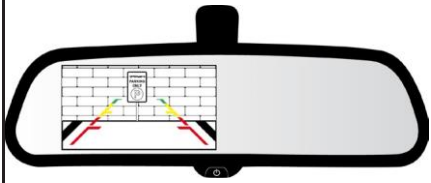
Immobilize the vehicle on a firm level surface:

- Apply the parking brake by pulling the lever toward the driver's seat (see the Removing Parking Brake section).
- Stop the engine.
- Remove keys (ignition keys and suitcases keys) from the vehicle.

CAUTION
When parking inside a garage or other structure, be sure it is well ventilated and the vehicle is not close to any source of flame or sparks (including any appliance with a pilot).

Rear-View Camera

The rear-view camera allows you to see an image of the rear surroundings of your vehicle whenever the gear selector is put into REVERSE. The image will be displayed in the rear-view mirror as shown in the illustration below.

The rearview camera shows the area behind the vehicle in the rear-view mirror. The lines in the rearview camera image help you to park or maneuver the vehicle.  *To adjust the brightness of the image, press on the button ⏻.	The rearview camera is located above the rear license plate bracket. Make sure that the lens is not covered by deposits or any other obstructions. 

! WARNING !

Always look for incoming objects or people and check the area around your vehicle by looking at it directly as well. The driver is always responsible when making maneuvers and should never relay only on the rearview camera.

The camera has blind spots in which people and objects cannot be detected.

Only use the rearview camera to assist you if it shows a good, clear picture. Dirt on the lens and other contaminants may cause the camera to be barely useable until cleaned.

The camera lens enlarges and distorts the field of vision.

In certain situations, people or objects in the display may appear closer or farther away; this may be caused by an unleveled surface, the shape of certain objects and such.

Adjusting the T-REX RR suspension

The T-REX RR is equipped with a preload adjustable suspension. This device enables the adjustment of the vehicle suspension based on the current load. To adjust the preload:

- Park the vehicle on a firm level surface.
- Locate and loosen the set screw fixing the “Preload Adjustment Ring”.
- Then, using the supplied tool, screw or unscrew the preload adjustment ring as required to achieve the recommended ride height according to the total weight to be carried by the vehicle (see table below).
- Fasten the set screw fixing the “Preload Adjustment Ring”.
- Load the vehicle and ensure that all luggage is secured.
- Repeat this procedure after each time you modified the vehicle’s loading significantly.

TABLE 4 - VEHICLE'S RECOMMENDED PRELOAD

		PRELOAD	
		IN	MM
UP TO 150 LBS (70 KG)	FRONT	0.47''	12
	REAR	1.37''	35
FROM 151 LBS TO 250 LBS (115 KG)	FRONT	0.67''	17
	REAR	1.50''	38
FROM 251 LBS TO 350 LBS (160 KG)	FRONT	0.83''	21
	REAR	1.61''	41
FROM 351 LBS TO 450 LBS (205 KG)	FRONT	0.98''	25
	REAR	1.93''	49

EMERGENCY PROCEDURES

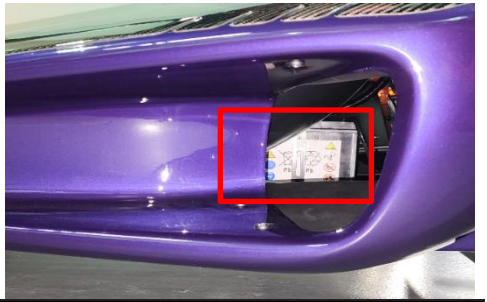
Jump Starting the Engine

If your battery is discharged, it should be removed and charged. When not practical, a 12 Volt booster battery and jumper cables may be used to start the engine.

To jump-start your T-REX RR engine, follow this procedure:

- Make sure the ignition switch of both vehicles is turned "OFF."
- Connect the red jumper cable to the positive terminal of the battery of the dead vehicle.
- Connect the red jumper cable to the positive terminal of the rescue vehicle.
- Connect the black jumper cable to the negative terminal of the rescue vehicle.
- Connect the black jumper cable to a frame bolt or an unpainted metallic surface of the dead vehicle, far from the battery. Do not connect the cable to the negative terminal of the battery.
- Start the engine on the rescue vehicle.
- Optionally, wait up to a few minutes so the dead battery charges a bit.
- Attempt to start the dead vehicle.
- Let the engine run for a few minutes to let the battery charge.
- Disconnect the cables in the reverse order.

Battery location (view from the air intake on the driver's side).



! WARNING !

Before attempting a jump start of your vehicle, carefully inspect your battery condition. Do not attempt to jump-start a frozen, low electrolyte level or cracked battery.

! WARNING !

Always wear splash resistant safety goggles while connecting cables to a battery or jump-starting a vehicle.

! WARNING !

Battery acid generates hydrogen gas, which is flammable and explosive under certain conditions. Keep all flames and sparks (cigarettes) away from the battery. Wear eye protection when working with a battery. In the event of battery acid contact with skin, eye or clothing, wash the affected area immediately with water for at least five minutes. Seek medical attention.

! WARNING !

On the dead vehicle, always connect the negative cable on a non-insulated, non-corroded metal part of the frame, away from the battery.

CAUTION

Always carefully match battery posts polarities. Severe damages can occur if the polarity is inversed.

CAUTION

Always use appropriate size boosting cables.

SAFE OPERATIONS

Safe Riding Techniques

The points given below are applicable for everyday T-REX RR use and should be carefully observed for safe and effective vehicle operation.

General Precautions

For safety, eye protection and a helmet are strongly recommended.

Driving at the proper rate of speed and avoiding unnecessarily fast acceleration are important not only for safety and low fuel consumption but also for long vehicle life and quieter operation.

As with any other vehicle, adopt defensive driving. Do not let protective apparel give you a false sense of security.

Before changing lanes, look over your shoulder to make sure the way is clear. Do not rely solely on the rear-view mirror: you may misjudge another vehicle's distance and speed, or you may not see it at all.

When going up steep slopes, shift to a lower gear so that there is plenty of power to spare rather than overloading the engine.

When going down long slopes, control vehicle speed by releasing the throttle pedal. Use brakes for auxiliary braking.

Avoiding unnecessary weaving is important to the safety of both the driver and other motorists.

When quick acceleration is necessary, as in passing, shift to a lower gear to obtain the necessary power.

Do not downshift at high engine revolution speed (rpm) to avoid damage to the engine from over revving and locking up the rear wheel.

! WARNING !

Never shift gear before/at an intersection, railroad or other cross-traffic area. Should the gear fail to engage properly, you could face a critic situation without the required power to avoid a collision. Failure to follow this directive may result in material damages, injuries or death of you, your passenger or of other motorists or pedestrians.

! WARNING !

Always avoid accelerating, braking and shifting gears immediately before/in a curve. Curves must be negotiated at constant speeds. Failure to follow this directive may result in loss of control causing material damages, injuries or death of you, your passenger or of other motorists or pedestrians.

! WARNING !

Always straighten the vehicle wheels before applying brakes, accelerating or shifting gears. Failure to follow this directive may result in loss of control causing material damages, injuries or death of you, your passenger or of other motorists or pedestrians.

! WARNING !

Downshifting too fast may cause the rear wheel to lock, resulting in loss of control, material damages, injuries or death of you, your passenger or of other motorists or pedestrians.

! WARNING !

Always slow down before entering a corner.

! WARNING !

Locking the brakes will cause the tires to skid and impair your ability to control the vehicle. A crash may result, involving material damages, injuries or deaths.

Inappropriate Pavement Conditions

Riding in wet pavement conditions or under a rainy day should be avoided. Such road conditions greatly increase the risk of losing control of the vehicle. Observe similar precautions when riding on loose roadway or rough roads.

Should you encounter wet road conditions while riding, then immediately adapt your driving. Rely more on the throttle pedal to control vehicle speed and less on the brakes. The throttle pedal should also be used judiciously to avoid skidding of the rear wheel from rapid acceleration or deceleration. Immobilize the vehicle in a safe haven as soon as possible and wait for the pavement condition to improve to a safe level. Use similar precautions when riding on loose roadway or rough roads.

Remember that riding the T-REX RR under inappropriate road conditions is very hazardous. In no way, adapting you driving can keep you absolutely safe.

Daily Safety Checks

Check the following items each day before you drive. The time required is minimal, and habitual performance of these checks will help ensure you a safe, reliable ride.

If any irregularities are found during these checks, refer to the MAINTENANCE AND ADJUSTMENTS section or see your dealer for the action required to return the vehicle to a safe operating condition.

! WARNING !
Failure to perform these checks every day before you drive may result in serious damage or a severe accident.

ENGINE OIL LEVEL	GOOD LEVEL (SEE OIL PROCEDURE)
TIRE PRESSURE	AT RECOMMENDED TIRE PRESSURE AT AMBIENT TEMPERATURE

TABLE 5 - RECOMMENDED TIRE PRESSURE

	RECOMMENDED PRESSURE		
	PSI	KPA	KG/CM²
FRONT TIRES	26	179	1.83
REAR TIRE	26	179	1.83

DRIVE CHAIN	MAXIMUM SLACK (DEFLECTION) 0.75 " TO 1.0 " (19 MM TO 25 MM).
NUTS, BOLTS AND FASTENERS	CHECK THAT STEERING AND SUSPENSION COMPONENTS, AXLES AND ALL CONTROLS ARE PROPERLY TIGHTENED OR FASTENED.
STEERING	ACTION SMOOTH BUT NOT LOOSE FROM LOCK TO LOCK.

BRAKES	BRAKE PAD LINING THICKNESS MORE THAN 0.04 IN (1MM) LEFT. NO BRAKE FLUID LEAKAGE.
CLUTCH	NO CLUTCH FLUID LEAKAGE.
COOLANT	NO COOLANT FLUID LEAKAGE. COOLANT LEVEL BETWEEN LEVEL LINES (WHEN THE ENGINE IS COLD).
RADIATOR CAP	PROPERLY INSTALLED.
ELECTRICAL EQUIPMENT	ALL LIGHTS AND HORN WORK PROPERLY.
PARKING BRAKE	FEELS TIGHT.

MAINTENANCE AND ADJUSTMENTS

The maintenance and adjustments outlined in this chapter are easily carried out and must be done in accordance with the Periodic Maintenance Chart to keep your T-REX RR in good running condition.

CAUTION
The initial maintenance is vitally important and must not be neglected.

If you are in doubt as to any adjustment or vehicle operation, please ask your Campagna dealer to check your vehicle.

Please note that Campagna cannot assume any responsibility for damage resulting from incorrect maintenance or improper adjustment made by the owner.

Emission Control Information

To protect the environment in which we all live, Campagna Motors has chosen an engine equipped with crankcase emission and exhaust emission control systems in compliance with applicable regulations of the California Air Resource Board (CARB) and Environment Canada. Additionally, engineering has incorporated an evaporative emission control system in compliance with applicable regulations.

Crankcase Emission Control System

This system eliminates the release of crankcase vapors into the atmosphere. Instead, the vapors are routed through an oil separator to the intake side of the engine. While the engine is operating, the vapors are drawn into the combustion chamber, where they are burned along with the fuel.

Exhaust Emission Control System

This system reduces the amount of pollutants discharged into the atmosphere by the exhaust of this engine. The fuel and ignition systems of this T-REX RR have been carefully designed and constructed to ensure an efficient engine with low exhaust pollutant levels.

Noise Control System Modifications

Federal law prohibits the following acts or the causing thereof:

- The removal or rendering inoperative by any person other than the purposes of maintenance, repair, or replacement of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser, or while it is in use, or
- The use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

Among those acts presume to constitute tampering are the acts listed below:

- Replacement of the original exhaust system or muffler with a component not in compliance with governing regulations.
- Removal of the muffler(s) or any internal portion of the muffler(s).
- Removal of the air box or the air box covers.
- Modifications to the muffler(s) or air intake systems by cutting, drilling, or other means if such modifications result in increased noise levels.

Engine Oil Maintenance

For the engine, transmission, and the clutch to function properly, maintain the engine oil at the proper level, and change the oil and oil filter in accordance with the Periodic Maintenance Chart. Not only dirt and metal particles collect in the oil, but the oil itself loses its lubricity if used too long.

! WARNING !
Vehicle operation with insufficient, deteriorated, or contaminated engine oil will cause accelerated wear and may result in engine or transmission seizure, accident, and injury.

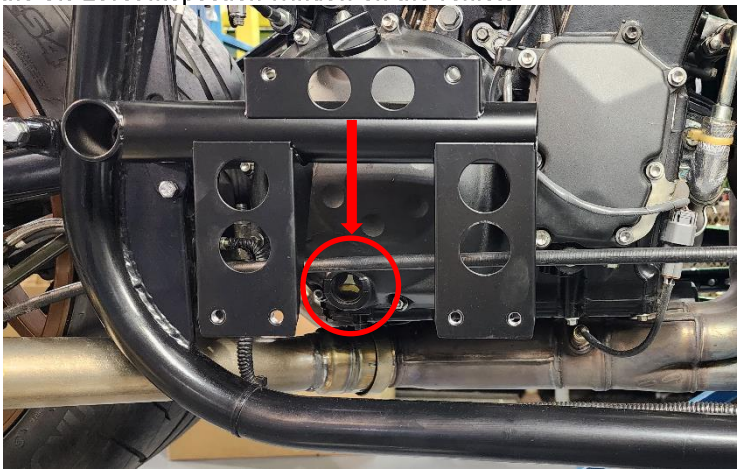
Engine Oil-Level Check

Preparation

- The T-REX RR must be on firm level ground.
- Allow the engine to idle about 5 min.
- Switch off the engine and wait about one minute to allow the oil stabilizing.
- Wipe the area around the oil filler neck clean.

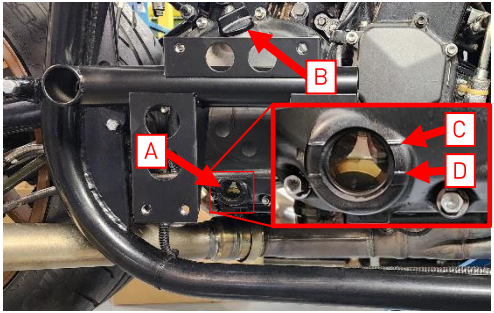
! WARNING !
Racing the engine before the oil reaches every part can cause engine seizure.

Location of the Oil-Level Inspection Window on the vehicle



Inspection

Check the engine oil level through the oil-level inspection window. With the motorcycle held level, the oil level should come up between the upper and lower-level lines next to the oil-level inspection window.



A. Oil-Level Inspection Window
B. Oil Filler Cap
C. Upper Level Line
D. Lower Level Line

! WARNING !

Do not check the oil level manually when the oil is hot or after driving. Risk of injury or burn.

Engine oil is a toxic substance. Dispose of used oil properly. Contact your local authorities for approved disposal methods or possible recycling.

Correction

If the oil level is too high, remove the excess oil through the oil filler opening using a syringe or some other suitable device. If the oil level is too low, add oil to reach the correct level. Use the same type and brand of oil that is already in the engine.

TABLE 6 - ENGINE OIL SPECIFICATIONS

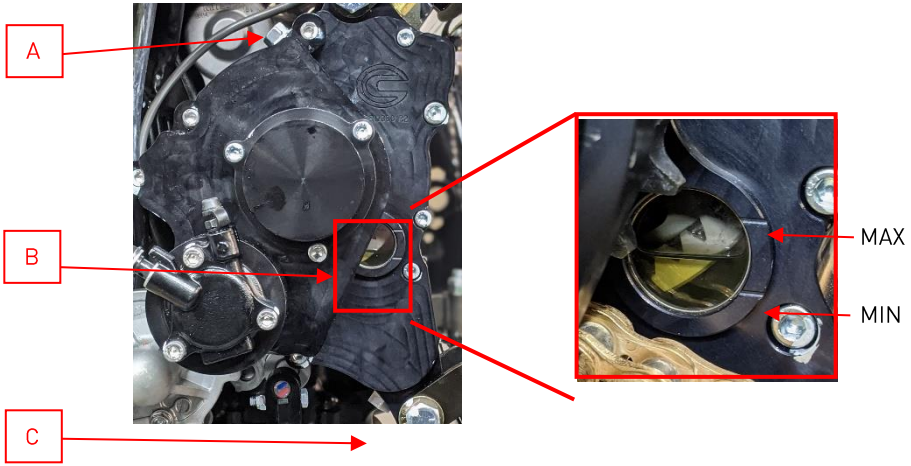
	SPECIFICATIONS	
GRADE	CASTROL POWER 1 RACING OR MOTUL 300V 4T FACTORY LINE – API SG, SH, SJ, SL OR SM WITH JASO MA, MA1 OR MA2	
VISCOSITY	SAE 10W-40	
CAPACITY	4.9 US QT	4.6 L

Reverse Gearbox Oil Maintenance
Oil-Level Inspection

To inspect the reverse gear oil level, follow this procedure:
- Park your vehicle on a firm level surface.
- Inspect the reverse oil level through the oil-level gauge (B).
- The normal level of oil is the upper and lower lines beside the gauge window.

Oil-Level Correction

If your vehicle's reverse oil level is above or under the recommended limit when the vehicle is parked on a level surface, remove or add oil in the reverse gearbox using a syringe or a small hand pump. Use the same type and brand of oil that is already in the gearbox.



A. Filler Plug
B. Oil-Level Gauge
C. Drain Plug

Oil Change

To replace the reverse gearbox oil, follow this procedure:

- Park your vehicle on a firm level surface.
- Place an oil pan under the gearbox.
- Remove the gearbox drain plug, clean the magnetic end.
- Once the oil is completely drained, screw the drain plug to the specified torque.
- Fill the gearbox up with 300 ml (10 oz) of SAE 75W90 oil.
- Follow the 'Oil Level Inspection' procedure (See p.173) to check/correct oil level and screw the oil filler plug to the specified torque.

TABLE 7 – GEARBOX OIL CHANGE ELEMENTS TIGHTENING TORQUES

	Tightening Torque		
Element	lb*ft	n*m	kg*m
Gearbox Drain Plug	18	24	2.5
Gearbox Filler Plug	18	24	2.5

TABLE 8 – REVERSE GEARBOX OIL SPECIFICATIONS

	Specifications	
Viscosity	SAE 75W90	
Capacity	10 oz	300 ml

Cooling System Inspection and Maintenance

Radiator and Cooling Fan

Check the radiator fins for obstruction by insects or mud. Clean off any obstructions with a stream of low-pressure water.

! WARNING !
The cooling fan turns on automatically, even with the ignition switch off. Keep your hands and clothing away from the fan blades at all times.

CAUTION
Using high-pressure water, as from a car wash facility, could damage the radiator fins and impair the radiator's effectiveness. *Do not obstruct or deflect airflow through the radiator by installing unauthorized accessories in front of the radiator or behind the cooling fan. Interference with the radiator airflow can lead to overheating and consequent engine damage.*

Radiator Hoses

Check radiator hoses for cracks or deterioration, and connections for looseness in accordance with the Periodic Maintenance Chart.

Coolant

General Information

Coolant absorbs excessive heat from the engine and transfers it to the air at the radiator. If the coolant level becomes low, the engine overheats and may suffer severe damage. Check the coolant level each day before driving the T-REX RR and replenish coolant if the level is low. Change the coolant in accordance with the Periodic Maintenance Chart.

To protect the cooling system (consisting of the aluminum engine and radiator) from rust and corrosion, the use of corrosion and rust inhibitor chemicals in the coolant is essential. If coolant containing corrosion and rust inhibitor chemicals is not used, over a period of time, the cooling system accumulates rust and scale in the water jacket and the radiator. This will clog the coolant passage and considerably reduce the efficiency of the cooling system.

Distilled water must be used along with the recommended antifreeze and mixing ratio in the cooling system.

If the lowest ambient temperature encountered falls below the freezing point of water, use permanent antifreeze in the coolant to protect the cooling system against engine and radiator freeze- up, as well as from rust and corrosion.

Use a permanent type of antifreeze (soft water and ethylene glycol plus corrosion and rust inhibitor chemicals for aluminum engine and radiator) in the cooling system. On the mixture ratio of coolant, choose the suitable one referring to the relation between freezing point and strength directed on the container.

! WARNING !
Use coolant containing corrosion inhibitors made especially for aluminum engines and radiators with the instructions of the manufacturer.

CAUTION
If hard water is used in the system, it causes scale accumulation in the water passages, and considerably reduces the efficiency of the cooling system.

CAUTION
Permanent types of antifreeze on the market have anti-corrosion and anti-rust properties. When it is diluted excessively, it loses its anti-corrosion property. Dilute a permanent type of antifreeze in accordance with the instructions of the manufacturer.

NOTE
A permanent type of antifreeze is installed in the cooling system when shipped. It is colored green and contains ethylene glycol. It is mixed at 50% and has the freezing point of –31°F (-35 °C).

Coolant-Level Inspection

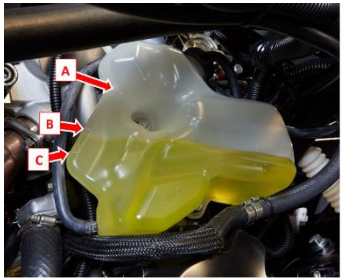
To inspect the coolant level, follow this procedure:

- Set the T-REX RR on a level surface and apply the parking brake.
- Check the coolant level through the coolant level gauge on the reserve tank. The coolant level should be between the upper and lower-level lines.

NOTE
Check the level when the engine is cold (room/atmospheric temperature).

Engine Coolant Reserve Tank

A. Reserve Tank
B. Higher Level
C. Lower Level



Coolant-Level Correction

If the amount of coolant is insufficient, unscrew the filler cap from the reserve tank and add coolant to the higher level.

NOTE
The coolant level correction can be difficult due to surrounding vehicle components. To facilitate the correction, use a long hose and a funnel, or an automotive fluids syringe.

NOTE
In an emergency, you can add water alone to the coolant reserve tank. However, it must be returned to the correct mixture ratio by the addition of antifreeze concentrate as soon as possible.

CAUTION
If coolant must be added often, or the reserve tank completely runs dry, there is probably leakage in the system. Have the cooling system inspected by your authorized Campagna dealer.

Coolant Change

When required by the Periodic Maintenance Chart, or by any other event, have your coolant replaced by your authorized Campagna dealer.

Spark Plugs

The standard spark plug is shown in the 'Table 9' (See below). The spark plugs should be taken out periodically in accordance with the 'Periodic Maintenance Chart' (See p.253) for cleaning, inspection, and resetting of the plug gap.

Inspection and Maintenance

If the plug is oily or has carbon built up on it, have it cleaned, preferably in a sandblasting device, and then clean off any abrasive particles. The plug may also be cleaned using a high flashpoint solvent and a wire brush or other suitable tools. Measure the gap with a wire-type thickness gauge and adjust the gap if incorrect by bending the outer electrode. If the spark plug electrodes are corroded or damaged, or if the insulator is cracked, replace the plug (Refer to 'Spark Plug Replacement' (See p.185)). Use the standard plug as specified in 'Table 9' (See below).

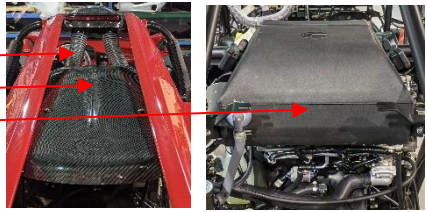
TABLE 9 – STANDARD SPARK PLUG SPECIFICATIONS

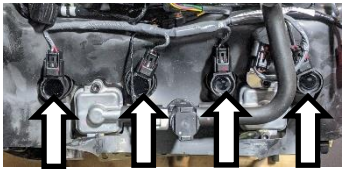
Standard Plug	NGK CR9EIA-9	
Gap	0.032 - 0.036 in	(0.8 - 0.9 mm)

Replacement

To remove the spark plugs, follow this procedure.

- Remove seats.
- Remove air ducts.
- Remove engine cover.
- Remove air box.
- Pull all hoses off the housing.
- Remove the air cleaner housing from throttle body intakes.
- Disconnect the temperature sensor.
- Put a clean, lint-free towel over the throttle body intakes to keep foreign material from entering.
- Carefully pull out the spark plug coils.
- Carefully unscrew the spark plugs with a 16 mm plug wrench.
- Pull out the spark plug and protect the opening from foreign objects and contaminants.





Spark plug locations

CAUTION
When reinstalling the spark plugs, properly torque them to the value specified in Table '10' below.

TABLE 10 - SPARK PLUG RECOMMENDED TIGHTENING TORQUE

	SPARKS PLUG			
	in*lb	ft*lb	n*m	kgf*m
Tightening Torque	115	10	13	1.3

NOTE
To reinstall the spark plugs, reverse the previous procedure. Take special care at the air cleaner housing to ensure it is properly secured in place.

Evaporative Emission Control System

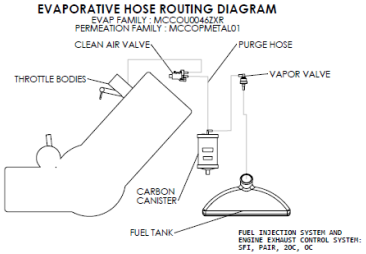
General Information

This system routes fuel vapors from the fuel system into the running engine or stores the vapors in a canister when the engine is stopped. Although no adjustments are required, a thorough visual inspection must be made at intervals specified by the Periodic Maintenance Chart.

Inspection

Check that the hoses are securely connected. Replace any chinked, deteriorated, or damaged hoses.

See the “Vehicle Emission Control Information Label” for “Evaporative Hose Routing Diagram”.



NOTE
Applies only to equipped models.

Clean Air System
General Information

The clean air system is a secondary air suction system that helps the exhaust gases to burn more completely. When the spent fuel charge is released into the exhaust system, it is still hot enough to burn. The system allows extra air into the exhaust system so that the spent fuel charge can continue to burn. This continued burning action tends to burn up a great deal of the normally unburned gases, as well as changing a significant portion of the poisonous carbon monoxide into harmless carbon dioxide.

Air Cleaner
General Information

A clogged air cleaner restricts the engine's air intake, increasing fuel consumption, reducing engine power, and causing spark plug fouling. The air cleaner element and air vent filter must be cleaned and replaced in accordance with the 'Periodic Maintenance Chart'. In dusty areas, the element should be cleaned more frequently than the recommended intervals. The element should be replaced if it is damaged.

CAUTION
After driving through rain or on muddy roads, the element should be cleaned immediately.

Filter replacement

- Remove the engine covers to access the air box.
- Lift the rear end of the latch on each side of the air box.
- Pull the front end of each latch toward the front of the vehicle and away from the air box at the same time.
- Pull out the air filter.
- Put a clean, lint-free towel over the intakes to keep dirt or other foreign material from entering. Inspect the element material for damage. If any part of the element is damaged, the element must be replaced.




! WARNING !
If dirt or dust is allowed to pass into the throttle body, the throttle may become stuck, possibly causing an accident.

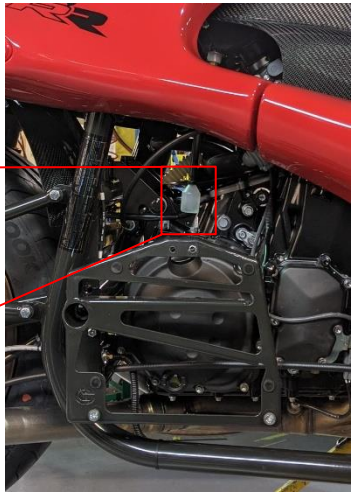
CAUTION
If dirt gets through into the engine, excessive engine wear and possibly engine damage will occur.

NOTE
Element installation is performed in the reverse order of removal. The element must be installed with the foam element (gray) side up.

Oil Draining (air box)

Inspect the transparent reservoir located to the left of the engine to see if any oil has run down from the air cleaner housing.

If there is any oil in the reservoir, remove the plug from the lower end of the drain hose and drain the oil.



! WARNING !

Be sure to install the plug in the drain hose after draining. Oil on tires will make them slippery and can cause an accident and injury.

! WARNING !

Motor oil is a toxic substance. Dispose of used oil properly. Contact your local authorities for approved disposal methods or possible recycling.

Throttle Pedal
General Information

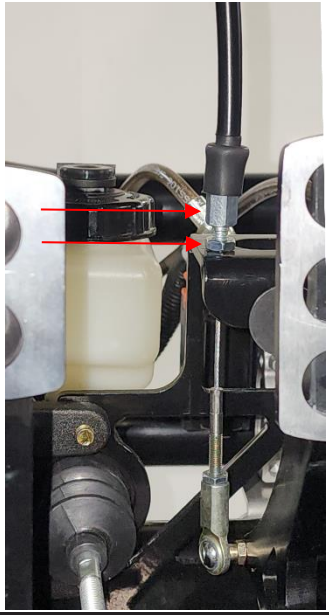
The throttle pedal controls the throttle valves. If the throttle pedal has excessive play, due to either cable stretch or maladjustment, it will cause a delay in throttle response, especially at low engine speed. Also, the throttle valves may not open fully at full throttle. On the other hand, if the throttle pedal has no play, the throttle will be hard to control, and the idle speed will be erratic. Check the throttle pedal play periodically in accordance with the 'Periodic Maintenance Chart' (See p.259) and adjust the play if necessary.

Inspection
- Check that there is 1/16" - 1/8 " (2 - 3 mm) throttle pedal play when lightly pressing and releasing the pedal.
- If there is improper play, adjust it.
- Check that the lock nut is properly tightened.

Play Adjustment

To adjust the throttle pedal play, follow this procedure:

- Lift the rubber protection cap.
- Loosen the lock nuts pointed by the arrows on the pictures below.
- Adjust the throttle cable until the proper amount pedal play is obtained.
- Tighten both lock nuts against the bracket.
- Replace the cap.
- Inspect throttle pedal play after each adjustment.



Clutch

General Information

The vehicle is equipped with a hydraulic operated clutch that requires no adjustment except fluid level inspection in accordance with the Periodic Maintenance Chart.

Fluid level inspection

The fluid level in the reservoir must be kept above the embossed level line.

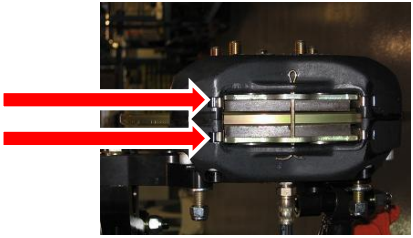
Required level of DOT 5.1 fluid.

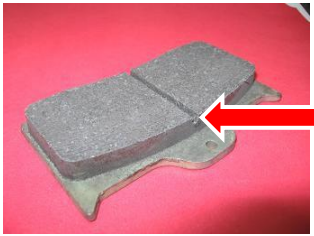
NOTE
Use the liquid used for the brakes that comply with DOT 5.1.

Brakes
Lining
Wear Inspection

In accordance with the Periodic Maintenance Chart inspect the brakes for wear. For each front and rear disc brake caliper, if the thickness of either pad is less than 5/32 in (4mm) or the wear indicator marks are not visible; replace both pads in the caliper as a set. Pad replacement should be done by a Campagna dealer.

Brakes Lining





Brake pad wears indicator mark

NOTE
Disc and disc pad wear are automatically compensated for and has no effect on the brake pedal action. *Therefore, there are no parts that require adjustment on the front and rear brakes.*

! WARNING !
If the brake pedal feels mushy when it is applied, there might be air in the brake lines or the brake may be defective. Since it is dangerous to operate the vehicle under such conditions, have the brakes checked immediately by a Campagna dealer.

Brake Fluid

General Information

In accordance with the 'Periodic Maintenance Chart' inspect the brake fluid level in the reservoirs and change the brake fluid. The brake fluid should also be changed if it becomes contaminated with dirt or water.

Fluid Requirement

Use an extra heavy-duty brake fluid only from a sealed container marked DOT.5.1

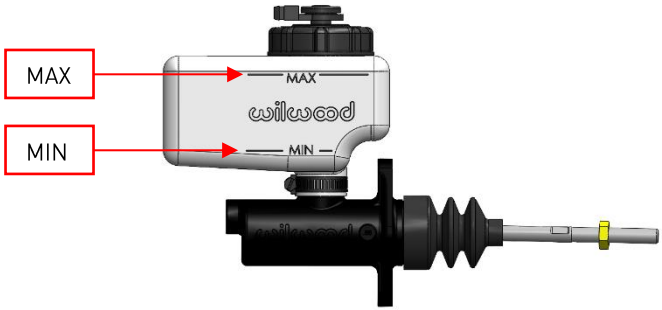
CAUTION
Be extra careful not to spill brake fluid on any painted surface. Brake fluid will immediately and irremediably damage any painted surface on contact.

CAUTION
Do not use fluid from a container that has been left open or that has been unsealed for a long time. *Check for fluid leakage around the fittings. Check for brake hose damage.*

Fluid Level Inspection

The brake fluid level must be kept inside the bold horizontal line. Do not over/under fill this reservoir. Over filling will result in spilling and/or damage to the reservoir. Spilled Brake Fluid will damage painted surface and cause metal rusting. Under filling may cause your vehicle to lack braking power and result in an accident.

NOTE
Inspect both brake fluid reservoirs behind the brake pedal.



Brake Fluid Normal Level Line DOT 5.1.

CAUTION
Brake fluid spillage will occur if the container if filled above the line.

Fluid Change

Have the brake fluid changed by a Campagna dealer.

Brake Light Switch

General Information

When the brakes are applied, the brake light goes on.

Inspection

To inspect the brake light switch:

- Have someone watch the brake lights on the vehicle's tail.
- Turn ignition switch to the 'ON' position.
- Push the brake pedal as far as possible and check the brake lights behavior. The brake lights should stay steady on.
- Release slowly the brake pedal. The brake lights should turn off when the remaining travel of the brake pedal is at 0.4 in (10 mm).

If, for any reason, your brake lights do not behave properly, tow your T-REX RR to your authorized Campagna dealer for proper service.

! WARNING !
Do not attempt to drive your T-REX RR with an improper brake light system.

Drive Chain

General Information

The drive chain must be checked, adjusted, and lubricated in accordance with the Periodic Maintenance Chart for safety and to prevent excessive wear if the chain becomes badly worn or maladjusted, either too loose or too tight, the chain could jump off the sprockets or break.

! WARNING !
A chain that breaks or jumps off the sprocket could snag on the engine sprocket or lock the rear wheel, severely damaging the vehicle and causing it to go out of control.

Slack Inspection

To inspect drive chain slack (deflection), follow this procedure or refer to the Important Drive Chain Information label on the vehicle near the rear wheel:

- Place vehicle on a level surface.
- Measure plays at the mid-point, halfway between the two sprockets, of the lower segment of the drive chain.
- If necessary, make the required adjustments to maintain recommended play (refer to the table below).

CAUTION
Rotate rear wheel and measure chain slack at the worst position.

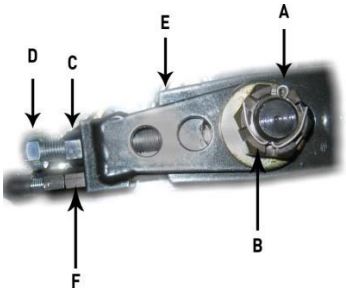
TABLE 11 - DRIVE CHAIN RECOMMENDED SLACK

	DRIVE CHAIN SLACK	
	IN	**MM**
RECOMMENDED VALUE	0.75 - 1.00	19 - 25

Slack Adjustment

When necessary, follow this procedure to adjust the drive chain slack (deflection):

- Loosen axle nut (B).
- Loosen Lock bolt (F).
- Loosen lock nut (C).
- Tighten or loosen adjustment bolt (D) until the drive chain has the correct amount of chain slack.
- Tighten lock nut (C).
- Tighten axle nut (B) and lock bolt to the specified torque (see **Erreur ! Source du renvoi introuvable.**).
- Secure axle nut using a new cotter pin.
- Check slack according to the 'Slack Inspection' procedure and adjust if necessary.



A. Cotter Pin
B. Axle Nut
C. Lock Nut
D. Adjustment Bolt
E. Swing-Arm End Point
F. Lock Bolt

! WARNING !

If the lock bolts are not securely tightened, an unsafe driving condition may result. Always heed tightening values.

TABLE 12 - DRIVE CHAIN SLACK ADJUSTER ELEMENTS TIGHTENING TORQUES

	TIGHTENING TORQUE		
	lb*ft	n*m	kg*m
ADJUSTER LOCK BOLT	14.5	20	2.0
AXLE NUT	60.0	81	8.3

Wear Inspection

To inspect the drive train (chain and sprockets), follow this procedure:

- Stretch the chain taut either by using the chain adjusters, or by hanging a 20 lb. (10 kg) weight on the chain.
- Measure the length of 20 links on the straight part of the chain from the pin center of the 1st pin to pin center of 21st pin. Since the chain can wear unevenly, take measurements in several places.
- If the length exceeds the service limit, the chain should be replaced.
- Rotate the rear wheel to inspect the drive chain for damaged rollers, loose pins and links.
- Also inspect the sprockets for unevenly or excessively worn teeth, and damaged teeth.
- If there is any irregularity, have the drive chain and/or the sprockets replaced by a Campagna dealer.

TABLE 13 - DRIVE CHAIN RECOMMENDED LENGTH

DRIVE CHAIN 20 LINK LENGTH	
in	mm
12.4	316

! WARNING !

If the lock bolts are not securely tightened, an unsafe driving condition may result. Always heed tightening values.

Lubrication

To lubricate the chain, follow this procedure:

- If the chain is especially dirty, clean it using diesel oil or kerosene.
- Apply lubricant to the sides of the rollers so that it will penetrate to the rollers and bushings.
- Apply lubricant to the O-rings so that the O-rings will be coated.
- Wipe off any excess lubricant.

NOTE
Lubrication is also necessary after riding through rain or on wet roads, or any time the chain appears dry. A heavy oil lubricant is preferred to lighter oil because it will stay on the chain longer and provide better lubrication.

Wheel Alignment
General Information

! WARNING !
The misalignment of the wheels will result in abnormal wear and may result in unsafe driving condition.

Inspection
- Make sure the steering wheel branches are horizontal when driving in a straight line

Adjustment
An important cause of wheels misalignment is improper alignment of the rear axle.
- Check the adjustment bolt to ensure proper alignment of the rear axle.

NOTE
In case of wheel misalignment, seek your authorized Campagna dealer for service.

Tires

General Information

! WARNING !
Failure to maintain proper inflation pressure or observe payload limits for your tires may adversely affect handling and performance of your vehicle and can result in tire blow out, loss of control, and accident causing injuries or death.

Tire Pressure Inspection

With the entire tire surface at atmospheric temperature, use an accurate pressure gauge intended for tire inflation measurement to check the tire pressure.
Compare the value of the pressure gauge for each tire to the corresponding recommended values in TABLE 5.
Repeat for each tire.

! WARNING !
Weather (such as atmospheric temperature and sun level and altitude) has an important impact on tire pressure. So, tire pressure should be periodically checked and be adapted to your driving needs and weather conditions.

Tire Pressure Adjustment

With the entire tire surface at atmospheric temperature, remove or add air in each tire as necessary in order to achieve the recommended tire pressure (refer to TABLE 5) for each wheel. Inspect tire pressure for each wheel after adjustment (refer to TABLE 5 for recommended tire pressure).

Wear and Damage

General Information

As the tire tread wears down, the tire becomes more susceptible to puncture and failure. Remember that around 90% of all tire failures occur during the last 10% of tread life (90% worn). It is false economy and unsafe to use the tires until they are bald.

Tire Thread Inspection

In accordance with the Periodic Maintenance Chart, inspect tires periodically according to the following procedure. Visually inspect the tire for cracks and cuts.

! WARNING !
Replace the tire in case of damage. Do not attempt to drive the vehicle with a damaged tire. Tire blow out may occur and cause loss of control, injuries, or death.

NOTE
Swelling or high spots indicate internal damage requiring tire replacement.

Using a suitable depth gauge, measure the depth of the tread at different spots all around the wheel.
Remove any imbedded stones or other foreign particles from the treads.
Replace the tire if any spot has worn down to or below the minimum allowable tread depth (See your tire manufacturer's specifications for minimum tread depth).

NOTE

Have the wheel balance inspected by your authorized Campagna dealer whenever a new tire is installed.

! WARNING !

To ensure safe handling and stability, use only the recommended tires (as specified in

) for replacement. Inflate to standard recommended pressure (as specified in TABLE 5).

! WARNING !

Tires that have been punctured and repaired do not have the same capabilities as undamaged tires. Do not exceed 60 mph (100 km/h) using repaired tires.

TABLE 14 - MANUFACTURER RECOMMENDED TIRE SPECIFICATION

	WHEEL	
	FRONT	REAR
MANUFACTURER	HANKOOK	HANKOOK
MODEL	VENTUS RS4	VENTUS RS4
SIZE	205/45R16	295/40R18

! WARNING !

Always ensure that replacement tires meet or exceed the vehicle original tire's speed rating. Underrated tires may blow out at high speeds, causing loss of control, injuries or death.

Battery

General Information

The battery installed in this vehicle is a maintenance-free type, so it is not necessary to check the battery electrolyte level or add distilled water. Regular charge may be required to maintain optimal battery operating characteristics. See Battery Charge Section for more information.

The sealed caps should not be pulled off once the specified electrolyte has been installed in the battery for initial service.

Since the electrical system of this vehicle is designed to use only a maintenance-free battery, do not replace it with a conventional battery.

CAUTION
Never remove the sealed cap or the battery can be damaged.

! WARNING !
Do not install a conventional battery in this vehicle or the electrical system will not work properly.

CAUTION
If you charge the maintenance-free battery, never fail to observe the instructions shown on the label on the battery.

Battery Charge

The T-REX RR Battery may require a trickle charge to maintain its peak performance. Especially if your T-REX RR is equipped with aftermarket accessories; anti-theft devices or any electronic device that still consume power after the ignition switch is turned 'OFF'.

When your T-REX RR is not used for a long period, you should give your battery a slow (less than 1A) maintenance charge to prevent it from draining. Use the provided battery charger with its slave jack to provide a regular charge to the Battery.

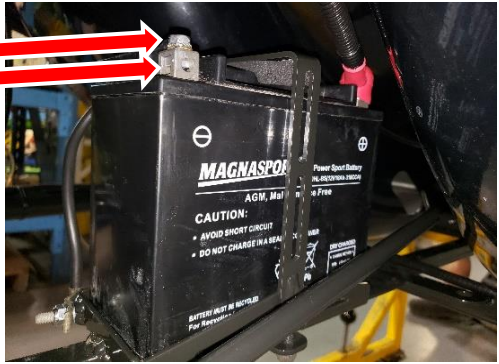
To use the Battery charger supplied with your vehicle, follow this procedure:

Simply connect battery charger power unit supplied with your vehicle to the slave jack located behind the driver's side lower air intake (see VEHICLE ANATOMY section to see visually the location).
Plug the battery charger power unit into a compatible wall outlet.

Battery Removal

- Back the T-REX RR rear wheel on a ramp.
- Set the parking brake, engage the engine in 1st gear and block the front wheels using wedges.
- Disconnect the ground (-) from the battery post first.
- Then disconnect the positive (+) from the battery post.
- Remove the ¼ in bolts from the center frame channel.
- Carefully slide out the battery.
- Clean the battery using a solution of baking soda and water.
- Remove any oil, contaminant or oxidation on the battery posts.

Boulons 10mm
Borne négative (-)



CAUTION
Always wear splash resistant safety goggles when working with or around a battery.

Installation

- Make sure the ground lead (uncapped) is securely connected to the ground (-) post of the battery.
- Temporarily insulate the free ground lead end against electricity conduction.
- Carefully replace the battery on its tray.
- While making sure the free end of the ground lead stay away from any conductive part of the vehicle, connect the red-capped lead to the positive (+) battery post.
- Remove temporary ground lead insulation.
- Connect the ground lead-free end to the frame ground post.
- Put a light coat of dielectric grease on the battery post to prevent corrosion.
- Cover the positive (+) terminal with its protective cap.
- Properly reinstall the removed parts.

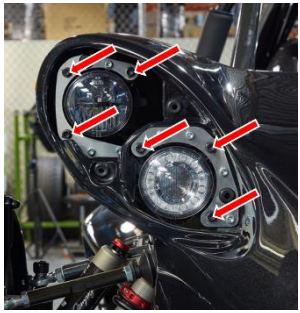
CAUTION
Always wear splash resistant safety goggles when working with or around a battery.

Headlight Beams

Horizontal Adjustment

If not properly adjusted horizontally, the beam will point to one side rather than straight ahead. To adjust horizontal position of a headlight beam, follow this procedure:

- Park your vehicle on a flat surface perpendicular to a flat plain wall so that the distance between each headlight and the wall is 25 ft (7.62 m).
- Turn the horizontal adjusters in or out until the beam points straight ahead.
- Check vertical adjustment after achieving horizontal adjustment.



Headlights adjustment screws

Vertical Adjustment

The headlight beam is adjustable vertically. If adjusted too low, neither low nor high beam will illuminate the road far enough ahead. If adjusted too high, the high beam will fail to illuminate the road close ahead and the low beam will blind oncoming drivers. To adjust vertical alignment of a headlight beam, follow this procedure:

- Park your vehicle on a flat surface with the driver in the driver seat, perpendicular to a flat plain wall so that the distance between each headlight and the wall is 25 ft (7.62 m).
- Turn the vertical adjusters in or out until the brightest point of each headlight beam is at 2 ft (61 cm) above the ground.

- Check horizontal adjustment after achieving vertical adjustment.

NOTE
On high beams, the brightest point should be slightly below horizontal; the proper angle is 0.4 degrees below horizontal. This is a 2 in (50 mm) drop at 25 ft (7.62 m) measured from the center of the headlight on a flat surface with the driver seated. *Adjust beams (high and low) on both sides of the vehicle.*

Fuses

General Information

Fuses are arranged in the junction box located behind the passenger's seat. If a fuse fails during operation, inspect the electrical system to determine the cause, and then replace it with a new fuse of proper amperage.

! WARNING !
Do not use any substitute for the standard fuse. Replace blown fuses with a new one of the correct capacity as specified by the junction box.

CAUTION
It is possible to overload your vehicle charging system by adding too many electrical accessories. If your total electrical need is more than your vehicle can produce, this will damage the electrical system of the vehicle. *Ask your authorized Campagna dealer for advice.*

NORMAL

BLOWN

Fuses and relays location

5A Battery Charger	10A Meter / ECU	10A Fuel Pumps	15A Lights	25A Main	25A Main
3A Immo	25A Radiator Fan			15A ABS Sololenoids	20A ABS Pump
Radiator Fan Relay	Parking Lights Relay	Headlights Low Relay	Headlights High Relay	Fuel Pumps Relay	Solenoids Oxygen Heater Relay
3A Immo Start		5A Accessory	10A Horn Reverse	15A Ignition	

Fuel System

General Information

Accumulation of moisture or sediment in the fuel system will restrict the flow of fuel and cause throttle body malfunction. The system should be checked and cleaned in accordance with the Periodic Maintenance Chart.

Inspection and cleaning should be done only by a competent mechanic. See your authorized Campagna dealer for service and maintenance of your vehicle's fuel system.

General Lubrication

General Information

Lubricate the points shown below, with either motor oil or regular grease, in accordance with the Periodic Maintenance Chart or whenever the vehicle has been operated under wet or rainy conditions.

Lubrication

Before lubricating each part, clean off any rusty spots with rust remover and wipe off any grease, oil, dirt, or grime.

NOTE
A few drops of chain lubricant are effective to keep bolts and nuts from rusting or sticking. This makes removal easier. Badly rusted nuts, bolts, etc., should be replaced with new ones.

Extra Care

Take extra care to keep these critical components lubricated:

- Suspension
- Anti-sway bars
- Direction rod

Bolt and Nut Tightening

In accordance with the Periodic Maintenance Chart, it is very important to check the tightness of the bolts and nuts listed here. Also, check that each cotter pin/safety wire is in place and in good condition. See your authorized Campagna dealer for torque values.

ITEM	TORQUE TIGHTENING
Front wheels nuts	90 lb.*ft (123 N*m)
Rear wheel nuts	110 lb.*ft (150 N*m)
Bolt 3/8 for the rear disc support (part of the rear axle assembly)	45 lb.*ft (62 N*m) with anti-seize
Front suspension bolts and nuts	-
Direction bolts and nuts	-
Steering column nuts	-
Muffler support mounting bolts and nut	-
Engine mounting bolts and nuts	-
Axle nut	-
Pivot bolts	-
Pedal bolts and nuts	-

ITEM	TORQUE TIGHTENING
Shifter mounting bolts	-
Parking brake bolts	-
Brake caliper mounting nuts	-
Torque link nut	-
Shock absorber mounting nuts	-
Brake master cylinder clamp bolts	-
Brake/clutch/throttle pedal bolts and nuts	-
Chain adjuster clamp bolts	-
Rear axle nut	-
Muffler clamp bolts	-
Muffler connecting pipe clamp nut	-

CAUTION
See your authorized Campagna dealer for tightening torque values not specified in this manual.

Cleaning

General Information

For the prolonged life of your T-REX RR, wash it down immediately after it has been splashed with seawater or exposed to the sea breeze; operated on rainy days, rough roads, or in dusty areas; or operated on roads on which salt has been scattered for ice removal.

Preparation for washing

Before washing, precautions must be taken to keep water off the following places:

- Rear opening of each muffler; cover with plastic bags secured with rubber bands.
- Switch housing on the underside of the steering wheel; cover with plastic bags.
- Ignition switch cover keyhole with tape.
- Engine Air Intake; close the intake with tape, or stuff with rags.
- Remove seat cushions and padding.

Where to be careful

Avoid spraying water with any great force near the following places:

- Meter instruments.
- Disc brakes/clutch master cylinders and calipers.
- Under engine cover.
- Front and rear wheel hubs.
- Steering pivot.
- Swing arm.

NOTE
The exhaust system must be cool before washing to prevent water spotting.

NOTE
If water gets into the ignition coils or into the spark plug caps, the spark will jump through the water and be grounded out. When this happens, the vehicle will not start and the affected parts must be wiped dry.

NOTE
Coin operated, high-pressure spray washers are not recommended. The water may be forced into bearings and other components causing eventual failure from rust and corrosion. Some of the soaps, which are highly alkaline, leave a residue or cause spotting.

Washing

- Prepare a mixture of water and mild soap, such as proper car wash soap. Do not use a highly alkaline content soap as commonly found in commercial car washes because it leaves a residue.
- Wash the exhaust system with a soft cloth. Do not use abrasive scouring pads or steel wool. They will damage the finish.
- Rinse the exhaust system thoroughly.

After washing

- Remove the plastic bags, tape, and clean the air intake.
- Lubricate the points listed in the General Lubrication section.
- Test the brakes before T-REX RR operation.
- Start the engine and run it for five minutes.

! WARNING !
Never wax or lubricate the brake disc. Loss of braking and an accident could result. Clean the disc with oil less solvent such as trichloroethylene or acetone. Observe the solvent manufacturer's warning.

Drying

- Dry the exhaust system completely with a soft cloth.
- Do not run the engine to dry the system or spotting will occur.

NOTE
Do not run the engine to dry the system or spotting will occur.

The vehicle can be waxed periodically. Use carnauba type paste wax only. Do not use waxes containing cleaners or abrasive cutting agents. They will damage the finish. Apply wax according to the wax manufacturer's instructions.

STORAGE INSTRUCTION

General Information

To avoid vehicle damage, early wear, and corrosion, proper vehicle preparation is essential before long-term storage.

Vehicle Preparation for Storage

To protect your vehicle, follow this procedure before storing it for a long period:

- Clean the entire vehicle thoroughly (follow the procedure in the 'Cleaning' section.
- Do an oil change.
- To help keep gasoline from deteriorating, pour a fuel stabilizer into the tank. Be sure to drive the car for about 10 miles (16 km) after adding the stabilizer to make sure it gets circulated throughout the system. Campagna recommends leaving the tank full.
- Increase tire pressure to about 20 % over the recommended level value (refer to TABLE 5). (Follow procedures in the Tires section to inspect and adjust the tire pressure.
- Set the vehicle on boxes or stands so that all three wheels are raised off the ground. (If this cannot be done, put boards under all wheels to keep dampness away from the tire rubber.)
- Perform general lubrication (Follow procedure in the 'General Lubrication' section) and spray oil on all unpainted metal surfaces and all the cables to prevent rusting. Avoid getting oil on rubber parts or in the brakes.

- If possible, give a slow maintenance charge to your battery using the provided battery maintainer. If this procedure is not practical, remove the battery from the vehicle (Follow procedure in the 'Battery Removal' section), and store it where it will not be exposed to direct sunlight, moisture, or freezing temperatures. The now stored battery should be given a slow charge (one ampere or less) about once a month, using the supplied Battery Tender® or a similar suitable device. Keep the battery charged well especially in cold weather.
- Tie a plastic bag over the exhaust pipe to prevent moisture from entering.
- Put a cover over the vehicle to keep dust and dirt from collecting on it.

Vehicle Preparation after Storage

- Remove the plastic bag from the exhaust pipe.
- Adjust tire pressure to the recommended value (see TABLE 5).
- Install the battery in the vehicle (Follow procedure in the Battery Installation section) and charge the battery if necessary.
- Check all the points listed in the Daily Safety Checks section.
- Lubricate the points listed in the General Lubrication section.

TROUBLESHOOTING

This section intends to be a short troubleshooting guide of simple common problems encountered by new drivers. For more complicated trouble, seek help from your authorized Campagna dealer.

ENGINE DOES NOT START **(STARTER MOTOR WON'T TURN)**	CLUTCH PEDAL NOT PUSHED ALL THE WAY IN AND/OR TRANSMISSION NOT IN NEUTRAL
	BATTERY DISCHARGED.
	FUSE BLOWN
	BATTERY LEADS DO NOT MAKE GOOD ELECTRICAL CONTACT WITH BATTERY TERMINALS.
	ENGINE IMMOBILIZER UNDEACTIVATED.

ENGINE DOES NOT START (STARTER MOTOR TURN NORMALLY)	NO FUEL IN THE TANK
	FUEL LINE CLOGGED
	FUEL BROKEN DOWN
	INCORRECT SPARK PLUG GAP
	INCORRECT VALVE CLEARANCE
	SPARK PLUGS NOT IN GOOD CONTACT
	SPARK PLUGS FOULED OR WET
	ENGINE FLOODED

ENGINE DOES NOT START (WHEN SHIFTING INTO FIRST GEAR)	CLUTCH DOES NOT PROPERLY DISENGAGE

ENGINE STALLS (WHILE RIDING)	NO FUEL IN THE TANK
	FUEL TANK AIR VENT IS OBSTRUCTED
	OVERHEATING
	BATTERY DISCHARGED

REPORT SAFETY DEFECTS

Si you believe that your vehicle has a defect, which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) or Transport Canada in addition to notifying Campagna Motors.

If NHTSA or Transport Canada receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA or Transport Canada cannot become involved in individual problems between you, your dealer, or Campagna Motors.

To contact NHTSA, you may either call the Auto Safety Hotline toll-free at 1-800-424-9393 or write to:
NHTSA
U.S. Department of Transportation Washington, D.C. 20590

To contact Transport Canada, you may either call the toll-free at 1-866-995-9737 or online at https://www.tc.gc.ca/. You can also obtain other information about motor vehicle safety from the hotline or the website.

EMISSION SYSTEM WARRANTY STATEMENT

DISTRIBUTOR'S LIMITED WARRANTY EMISSION CONTROL SYSTEMS

The California Air Resources Board and Campagna Motors are pleased to explain the emission control system warranty on your T-REX RR engine. In California, new vehicles must be designed, built and equipped to meet the State's stringent anti-smog standards. Campagna Motors must warrant the emission control system on your vehicle for the period of time listed below provided there has been no abuse, neglect, or improper maintenance of your vehicle.

Your emission control system may include parts such as the carburetor or fuel injection system, the ignition system, catalytic converter, and engine computer. Also included may be hoses, belts, connectors, and other emissions related assemblies.

Your Campagna Motors T-REX RR engine complies with U.S. EPA and California ARB emissions regulations. Campagna Motors provide the same warranty coverage to all vehicle owners, regardless of where the vehicle is registered.

Your Warranty Rights and obligations:

In the United States new vehicle must be designed, built and equipped to meet stringent federal anti-smog standards. Campagna Motors must warrant the emissions control system on your vehicle engine for the periods of time listed in this document, provided there has been no abuse, neglect or improper maintenance of your vehicle. Your emissions control system may include parts such as the sensors, the ignition and the engine computer. Also included may be hoses, connectors and other emissions-related assemblies. Where a warrantable condition exists, Campagna Motors will repair your vehicle engine at no cost to you, including diagnosis, parts, and labor.

Manufacturer's Warranty Coverage:

If any emissions-related part of your vehicle's engine is defective, the part will be repaired or replaced by Campagna Motors. This is your emissions control system DEFECTS WARRANTY.

Owner's Warranty Responsibilities:

As the vehicle owner, you are responsible for the performance of the required maintenance listed in your Owner's Manual. Campagna Motors recommend that you retain all receipts covering maintenance on your T-REX RR, but Campagna Motors cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance. You are responsible for presenting your T-REX RR to a Campagna dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed, 30 days.

Emission system Warranty Statement:

As the T-REX RR owner, you should also be aware that Campagna Motors may deny you warranty coverage if your T-REX RR engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications. If you have any questions regarding your warranty rights and responsibilities or if a Campagna dealer cannot repair your T-REX RR or honor your claim within a reasonable period of time, contact Campagna Motors at 1-877-641-2112 for assistance. If you are not satisfied with the way in which a warranty claim is resolved by Campagna Motors you may write directly to: Director of Field Operations Support Division (EI4-397F) California Air Resources Board Environmental Protection Agency (9528 Telstar Ave., El Monte, CA 91731).

Emissions Warranty Coverage:

Campagna Motors warrants to the owner of any 2021 T-REX RR and subsequent model year that the vehicle engine is designed, built and equipped to conform at the time of the sale with all applicable emission standards, and is free from defects in materials and workmanship which would cause it to fail to conform with applicable requirements during the specified time and mileage limits.

This warranty begins on the date the vehicle is delivered to the first purchaser other than a Campagna dealer, or the date it is first used as a demonstrator, lease, or company vehicle, whichever comes first and continues for the time and mileage.

Listed below:
Time: 5 years
Mileage: 18 641 Miles (30,000 kilometers)

These warranties are given only to the owner of a 2021 T-REX RR and subsequent model year T-REX RR engine assembled by Campagna Motors. Components covered in Campagna Motors' warranty are listed on a subsequent page of this application.

Emission System Warranty Statement:

To qualify for coverage under the defects warranty you should operate and maintain your T-REX RR according to the requirements of the Warranty Booklet, and the Maintenance Schedule in the Owner's Manual. This schedule is designed to keep your vehicle emission control systems functioning properly by maintaining your vehicle in peak operating condition. Campagna Motors will not deny a warranty claim solely because of lack of maintenance records. However, failures caused by abuse or lack of required maintenance will not be covered by this warranty.

Campagna Motors recommends that only parts supplied by Campagna Motors be used to repair your T-REX RR. Maintenance, replacement, or repair of emission control devices and systems may be done by any vehicle repair establishment authorized by Campagna Motors. Campagna Motors will only pay for warranty repairs performed at a Campagna Motors vehicle repair facility (except in an emergency situation).

An emergency situation exists when a Campagna Motors dealership is not reasonably available a warranted part is not available within 30 days, or when a Campagna facility is unable to complete a repair within 30 days. In an emergency situation, the repair of emission control devices or system may be done by any vehicle repair establishment or individual, or by the owner, using recommended parts by Campagna Motors.

Campagna Motors will reimburse you for those emergency repairs, including diagnosis, covered by

the Emissions Warranties. Parts reimbursement is at the manufacturer's suggested retail price, and labor reimbursement is at a geographically appropriate hourly labor rate for Campagna Motors, recommended time allowance. For reimbursement, present the replaced parts and a copy of the paid receipt to Campagna Motors.

The use of replacement parts not equivalent to the original parts may impair the effectiveness of your vehicle's emissions control systems. If such a replacement part is used in the maintenance or repair of your T-REX RR, and a Campagna dealer determines it is defective or caused a failure of a warranted part, your claim for repair to bring your vehicle into compliance with applicable standards may be denied. If the part in question is not related to the reason your vehicle fails to meet the standards, your claim will not be denied.

WARRANTY COVERAGE

Owner's Obligation

To maintain warranty coverage, the owner must perform the owner's obligations, operate and maintain the product as outlined in the Owner's Manual. Service inspections, adjustments, and replacements in accordance with the time and mileage intervals and other recommendations given in the maintenance schedule are obligatory. The owner is responsible for paying all maintenance costs, including scheduled periodic service costs, parts and labor. Keep receipts and all other records showing that proper maintenance and service has been performed, as failure to provide proofs of such maintenance and services may render the warranty non-applicable.

Loss of use

Subject to the exclusions hereinafter listed, the repair or replacement during regular business hours, at a Campagna dealer located within the continental United States of America or Canada, of defective parts of T-REX RR, accessories or components, including labor pertaining thereto, within a reasonable delay considering availability of parts, accessories and components needed for such repair or replacement, shall constitute the purchaser's sole remedy and sole liability of Campagna Motors. Campagna Motors, at its sole discretion, choose to repair or replace defective parts, accessories or components, and can use for that purpose new, used, retooled or reconditioned parts, accessories or components. This limited warranty gives you specific legal rights, but the

owner may have other rights which may vary from state (province)/ jurisdiction of state (province)/jurisdiction.

Use or transfer of the vehicle outside the continental United States of America or Canada will render the warranty non-applicable.

To the maximum extent permitted by applicable law, Campagna Motors shall not be liable for any damage whatsoever, including but not limited to, special, incidental, consequential or indirect damages, including, loss of profits or income, inconvenience, loss of time or use of the product, expenses for returning the product to and from a Campagna dealer, personal injury, death or damages to property. Because some states (provinces)/jurisdictions do not allow the exclusion or limitation of liability.

Exclusions

Items not covered under warranty
The T-REX RR limited warranty does not cover or apply in the following cases:
Failures, breakdowns or malfunctions which are not due to a defective T-REX RR original part, accessory or component, whether in the factory, material, or workmanship.
If the T-REX RR is used for rental purposes, commercially or in any other way than for personal, individual use.
If the T-REX RR has been engaged in racing or competition, sustained wide-open throttle operation

or over-revving of the engine, or is driven for purposes other than its original intended use by Campagna Motors.
If proofs cannot be provided by the owner of reasonable and proper maintenance and services on the T-REX RR, including but not limited to scheduled periodic services.
If the T-REX RR has been used to tow a trailer of any other type of vehicle or charge.
If the T-REX RR has been used of paved roads as it has not been designed nor is safe for such a use.
Repair or replacement required as a result of:
Accident or collision; fire, theft, vandalism, illegal possession or use of the T-REX RR
Misuse, abuse or neglect;
Lack of reasonable and proper maintenance and services, including but not limited to scheduled periodic services;
Repairs improperly performed or replacement parts, accessories or components improperly installed, even by a Campagna dealer;
Use of replacement parts, accessories or components not conforming to T-REX RR specifications which may adversely affect performance and/or durability;
Alterations or modifications to the T-REX RR, parts, accessories or components not recommended or approved in writing by Campagna Motors;
Wear and deterioration (including loss of engine compression) occasioned by the use of the product.
Regular and scheduled periodic maintenance service, adjustments or replacement of expendable maintenance items as outlined in the Owner's manual, but not limited to tires, filters, spark plugs,

brake shoes/pads, hydraulic brake hoses. Regular maintenance also includes adjustments necessary due to environmental conditions such as barometric pressure, temperature and humidity.
Damage resulting from the use of non-recommended gasoline, lubricants and coolant or lack thereof.
Tires, cables, chains, sprockets, shock absorbers/ suspension springs, batteries, bulbs, accessories, cosmetic appearance, gel coat stress cracks, fiberglass bodywork, striping and paint.
Damage resulting from sand, sun, water, rust, corrosion, chemical fumes or residues, abrasive products or surfaces, rocks or other projectiles or impacts with the T-REX RR.
Deterioration from the elements or act of God or cases of major force such as, but not limited to, hail, storm, hurricanes, flood, lightning, earthquakes, radioactivity, war, insurrections, terrorism, or similar events.
If the odometer of the T-REX RR has been tampered with, modified or if it is no longer possible to assert the accuracy of the odometer.
Damages resulting from delays incurred as a result of the non-availability of certain parts, accessories or components.
Repairs and replacements, otherwise covered, once the warranty period (time and or mileage, the first of the two attained) has expired.

Covered Period

Warranty terms (from the date of initial retail purchase from the Campagna authorized dealer or mileage, whichever comes first).

TABLE 15 - WARRANTY COVERAGE PERIOD

	COVERED PERIOD (whichever is achieved first)		
	TIME (months)	MILEAGE	
		mi	km
POWERTRAIN & BASICS	12	12 000	20 000

Vehicle's Selling or Moving Information

If you move from your present address, or sell your vehicle, please fill in the coupon below and mail this page to Campagna Motors (or visit the website for the vehicle registration at https://campagnamotors.com/register-your-vehicle/). This is necessary if Campagna Motors needs to contact the owner concerning information that could affect the safe operation of this vehicle.

To get the VIN of the vehicle and the engine serial number, refer to the Serial Numbers Locations section.

VEHICLE IDENTIFICATION	
MODEL:	
YEAR:	
SERIAL NUMBER:	
PREVIOUS OWNER'S NAME:	

(The next page must also be filled and returned along with the above information).

NEW OWNER / ADDRESS TO REGISTER					
FIRST NAME					
LAST NAME					
STREET ADDRESS					
STREET (CONT'D)					
CITY					
STATE / PROVINCE		COUNTRY		ZIP/POSTAL CODE	
DAYTIME PHONE					
EMAIL					

Return this coupon to Campagna Motors to the address shown on the back of the front cover page of this manual, or visit the website https://campagnamotors.com/register-your-vehicle/.

PERIODIC MAINTENANCE CHART

COMPONENT		SERVICE VEHICLE AT → / EVERY ↓	ODOMETER READING						
			KM	800	5000	11000	16000	20000	25000	30000
			MI	500	3000	6700	10000	12000	15000	18000
IDLE SPEED	CHECK †			X	X	X	X	X	X	X
THROTTLE PEDAL PLAY	CHECK †			X	X	X		X		X
SPARK PLUGS	CLEAN & GAP †				X	X	X	X	X	X
VALVE CLEARANCE	CHECK †								X	
AIR CLEANER ELEMENT	CLEAN			X	X	X		X		X
AIR CLEANER ELEMENT	REPLACE †	5 CLEANING					X			
FUEL SYSTEM & FILTER	CHECK					X		X		X
EVAPORATIVE EMISSION CONTROL SYSTEM	CHECK			X	X	X	X	X	X	X

COMPONENT		SERVICE VEHICLE AT → / EVERY ↓	KM	800	5000	11000	16000	20000	25000	30000
			MI	500	3000	6700	10000	12000	15000	18000
BRAKE LIGHT SWITCH	CHECK †			X	X	X	X	X	X	X
BRAKE PAD WEAR	CHECK †				X	X	X	X	X	X
BRAKE/CLUTCH FLUID LEVEL	CHECK †	MONTH		X	X	X	X	X	X	X
BRAKE/CLUTCH FLUID	CHANGE	2 YEARS						X		
STEERING	CHECK †			X	X	X	X	X	X	X
DRIVE CHAIN WEAR	CHECK †‡			X	X	X	X	X	X	X
NUT, BOLT, FASTENER TIGHTNESS	CHECK †			X		X		X		X
TIRE WEAR	CHECK †‡				X	X	X	X	X	X
REAR WHEEL BEARINGS	check †‡					x		x		x
ENGINE OIL	CHANGE	YEAR		X	X	X	X	X	X	X
OIL FILTER	REPLACE			X		X		X		X

COMPONENT		SERVICE VEHICLE AT → / EVERY ↓	KM	800	5000	11000	16000	20000	25000	30000
			MI	500	3000	6700	10000	12000	15000	18000
				ODOMETER READING						
AIR/OIL SEPARATOR	EMPTY			X	X	X	X	X	X	X
OIL RESERVOIR (AIR BOX)	EMPTY			X	X	X	X	X	X	X
GENERAL LUBRICATION	PERFORM			X	X	X	X	X	X	X
SWING-ARM PIVOT	CHECK					X		X		X
COOLANT	CHANGE	2 YEARS							X	
RADIATOR HOSES & CONNECTIONS	CHECK †	YEAR		X		X		X		X
REVERSE GEAR BOX OIL	CHANGE	YEAR		X	X	X	X	X	X	X
FUEL FILTER	REPLACE				X		X		X	
BRAKE/CLUTCH MASTER CYLINDER CUP AND DUST SEAL	REPLACE	2 YEARS								
CALIPER PISTON SEAL AND DUST SEAL	REPLACE	2 YEARS								

COMPONENT		SERVICE VEHICLE AT → / EVERY ↓	ODOMETER READING						
			KM	800	5000	11000	16000	20000	25000	30000
			MI	500	3000	6700	10000	12000	15000	18000
CLUTCH SLAVE CYLINDER PISTON SEAL	REPLACE	2 YEARS								
BRAKE HOSE/CLUTCH HOSE AND PIPE	REPLACE	4 YEARS								
FUEL HOSE	REPLACE	4 YEARS								
DRIVE CHAIN	LUBRICATE ‡		EVERY 400 MI (600 KM)							
DRIVE CHAIN SLACK	CHECK †‡		EVERY 400 MI (600 KM)							

D Should be serviced by a Campagna dealer.
C For higher odometer readings, repeat at the frequency interval established here.
† Replace, add, adjust, or torque if necessary.
‡ Service more frequently when operating in severe conditions: dusty, wet, muddy, high speed or frequent starting and stopping.

CAUTION
For higher odometer readings, repeat maintenance operation at the frequency interval established.

MAINTENANCE RECORD

DATE	ODOMETER	MAINTENANCE PERFORMED	AUTHORIZED CAMPAGNA DEALER

DATE	ODOMETER	MAINTENANCE PERFORMED	AUTHORIZED CAMPAGNA DEALER

DATE	ODOMETER	MAINTENANCE PERFORMED	AUTHORIZED CAMPAGNA DEALER

DATE	ODOMETER	MAINTENANCE PERFORMED	AUTHORIZED CAMPAGNA DEALER

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T-REX RR 2024 OWNER'S MANUAL