



rewaco[®] *refreshes your life.*



Operating Instructions and Service Manual
for the models FX4 / FX5 / FX6 / RF1

Vehicle Data

Vehicle Ident. No. **W09** 1 **LR38**

Vehicle Type _____

Engine No. _____

Manufacturer's Order No. _____

Date of delivery _____

Stamp of delivering **rewaco** partner dealership

Vehicle owner

This vehicle with the
registration number
belongs to:

Name _____

Street _____

City _____

Telephone _____

Date of 1st registration _____

rewaco Partner dealership

Foreword

You have decided in favour of a **rewaco** Trike - thank you for your confidence.

So that you do not experience any difficulties when handling your **rewaco** trike we recommend that you read these operating instructions as soon as possible.

The expert handling, as well as regular care and maintenance contribute towards the value retention and are also a pre-requisite for guarantee claims.

Your **rewaco** Spezialfahrzeuge GmbH

Informative notes



The texts marked with this sign and with grey underlay, point to additional information or possible danger of accidents and injuries.

These operating instructions contain important information for the use, care and maintenance of the vehicle. It must therefore be read carefully by the driver prior to driving the vehicle for the first time.

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Before starting your first trip

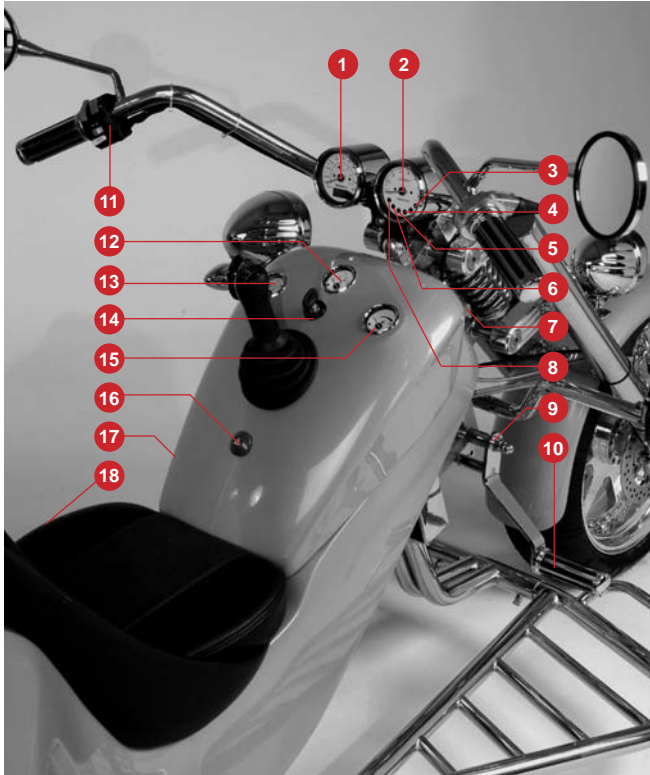
Before starting the first trip the driver must undergo special instructions for the trike. The supplying dealer or an experienced driver must conduct the instruction.



The following points should be taken into consideration when instructing the driver:

-  Instruction of vehicle driver about wearing eye protection, a helmet and protective clothing
- Instruction about the operating elements of the vehicle
- Instruction run for the new driver as passenger
- Behaviour in bends
- Vehicle width
- Braking behaviour
- Behaviour in dangerous situations
- Practical instruction of driver on the vehicle


Instruments and Operating Elements (The individual items can vary slightly depending on model)



- 1 Speedometer
- 2 Revolution counter
- 3 High beam control lamp *(see pg. 8)*
- 4 Generator *(see pg. 8)*
- 5 Oil pressure pilot light *(see pg. 8)*
- 6 Pilot light brake fluid level *(see pg. 8)*
- 7 Steering fork lock
- 8 Blinker control lamp *(see pg. 8)*
- 9 Pedal adjustment *(see pg. 12)*
- 10 Brake pedal
- 11 Switch device *(see pg. 7)*
- 12 Voltage indicator *(see pg. 9)*
- 13 Coolant temperature indicator
and Oil temperature indicator *(see pg. 8)*
- 14 Ignition lock *(see pg. 7)*
- 15 Fuel gauge *(see pg. 9)*
- 16 Warning blinker
- 17 Clutch pedal
- 18 Handbrake lever

Service brake

The vehicle is equipped with a dual circuit integral brake system. The action is designed so that one circuit acts on the rear axle and one circuit on the front axle.

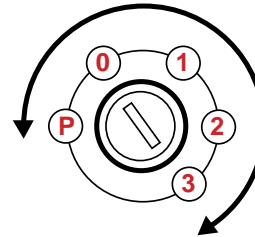
 If a malfunction should occur, the braking power will be reduced. In this case you should park the vehicle in a safe place and immediately visit a **rewaco** partner dealership. Normal operation of the vehicle is no longer possible.

Parking brake

The parking brake has a mechanical action on the rear wheels. When parking the vehicle on an inclining road, the vehicle should also be put into first gear.

The detailed information for maintenance and what to do in the case of malfunction of the service brake also apply here.

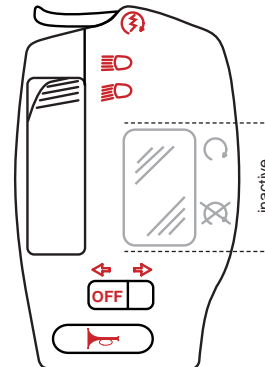
Ignition light switch









Switch positions:

- P = Parking light
- 0 = Zero position
- 1 = Ignition on
- 2 = Side light
- 3 = Dipped beam

Switch device



Switch positions:

-  = Start engine
-  = High beam
-  = Dipped beam
-  = Blinker left
-  = Blinker right
- OFF = Blinker off (press)
-  = Horn

Pilot lights



- ↔ = Blinker pilot light
- ① = Pilot light brake fluid level
- 🛢️ = Oil pressure pilot light
- 🔌 = Generator
- ☰ = High beam pilot light

! Action to be taken when the following pilot lights illuminate:

- ① = Brake fluid level too low - visit a dealer
- 🛢️/🔌 = Motor oil pressure too low / malfunction of vehicle's electric system -
Park vehicle in a safe place and visit **rewaco** partner dealership.

Normal range (90° - 100°C)

The engine has reached operating temperature when the pointer settles in the middle range between 90°C and 100°C. In the case of high motor load or high outside temperatures the operating temperature may rise further for a short time. This is still a safe range.

If the pointer remains above 110°C over a longer period however, you should check the coolant level (*see page 17*).

! If the pointer again rises above 110°C after a short drive, park the vehicle safely to avoid damaging the engine and contact a **rewaco** partner dealership.

Coolant temperature indicator



Cold range (to 90°C)

The coolant temperature indicator only works when the ignition is switched on. If the pointer is still in the left range of the scale, the engine has not yet reached operating temperature - avoid high engine speed, full throttle and high engine load.

Oil temperature indicator




Cold range (to 60°C)

The oil temperature indicator only works when the ignition is switched on. If the pointer is still in the left range of the scale, the engine has not yet reached operating temperature - avoid high engine speed, full throttle and high engine load.

Normal range (60° - 130°C)

The engine has reached operating temperature when the pointer settles in the middle range between 60°C and 130°C. In the case of high motor load or high outside temperatures the operating temperature may rise further for a short time. This is still a safe range.


If the pointer remains above 130°C over a longer period however, you should check the oil level (*see page 16*).

 If the pointer again rises above 130°C after a short drive, park the vehicle safely to avoid damaging the engine and contact a **rewaco** partner dealership.

Voltage indicator



**Operating voltage is
12.5 - 14.2 volt**

 If the operating voltage does not reach 12.5 volt or exceeds 14.2 volt, please contact a **rewaco** partner dealership.

Fuel gauge



The fuel gauge works only when the ignition is switched on.

When the pointer moves towards the zero position you should visit a petrol station and refuel.

Please see page 22 for type of fuel.

Driving

Running-in rules

The first 1,000 km (max. 2/3 of the nominal revs.)

During the first operating hours and until all moveable parts have reached perfect interaction, the engine is subject to higher inner friction. The degree of running-in achieved mainly depends on the driving style of the first 1,000 km.

Running-in rule for the brake

The brake of a new vehicle also needs a running-in time on the first 100 to 200 km.



Running-in the brake pads leads to longer stopping distances, resp. braking paths of the vehicle.

Before starting out on a trip

The operational safety of the vehicle is a prerequisite for driving safety. That is why the vehicle must be checked prior to driving.

- Function of lights and blinker system
- Cleanliness of headlights and lamps
- Setting of rear vision mirrors
- Fuel level
- Efficiency of brake system
- State of the tyres

Additionally at regular intervals and before longer trips:


- Tyre inflation pressure (at least every two weeks)
- Oil level of engine (at least every 1,000 km)
- Brake fluid level



Wear a helmet and eye protector on every trip, even short ones. The wearing of a helmet by driver and passenger is prescribed by law.

Starting the engine

Before starting the engine, put the gearbox into idle. While starting, press down the clutch and press the starter button for the starting motor. As soon as the engine starts, release the starter button. Do not let the engine run warm while standing, drive off immediately.


 Be careful when starting the engine in closed rooms - danger of poisoning

Cold start

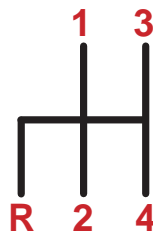
Start engine without operating the accelerator grip. The engine is managed by a Motor Management feature.

Parking the vehicle

When parking the vehicle on a sloping road, you must apply the parking brake and put the vehicle into first gear.

 Attention! When the catalyser is hot, do not park the vehicle on an inflammable surface - fire danger!

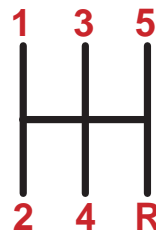
Starting with manual gearshift



Gear shift scheme:
FX4 / FX5 / FX6



With models FX4 / FX5 and FX6 please lift the locking catch to shift into reverse gear.




Gear shift scheme: RF1

Your vehicle is equipped with a mechanical gearshift with 4 or 5 forward gears and one reverse gear. You must press down on the clutch before engaging the gears. Adjust engine output so that the front tyre does not rise in the air when driving off, as the vehicle cannot be steered in this state.

The first and reverse gear may only be engaged when the vehicle is standing.

Servobrake

This vehicle is equipped with a servobrake, it increases the pressure you generate with the brake pedal. The servobrake only works when the engine is running.


 Please note that the brake effect is reduced when the engine is turned off and you need to push the brake pedal harder than usual!

Braking in bends and on slippery road surfaces

Sharp braking or blocking of the wheels must be avoided in bends, as controlled driving or steering becomes impossible otherwise. The driving style must be adjusted to road and weather conditions.


Pedal adjustment

For vehicles with pedal adjustment you have the option of adjusting the brake and clutch pedals to your body height in two or three steps.

 Please have the pedal adjustment carried out by a **rewaco** specialist workshop, as certain settings for fastening need to be observed. (The tightness torque of the screw connection is 28 Nm)

Luggage boot

All items of luggage or other items must be secured safely in the luggage compartment or on the storage surfaces provided. Pay attention that the maximum permissible load (see *pg. 23*) of the vehicle is not exceeded.

 Items which have not been secured and fall around in the luggage compartment can influence driving safety or driving quality of the vehicle.

Luggage boot: FX4 / FX5 / FX6

The models FX4, FX5 and FX6 can be optionally equipped with a Topcase. This Topcase offers the option of storing your luggage and protecting it against theft.



- 1 Pull spring slightly towards you to close

In the open state the Topcase lid is held by an upright spring. To close the Topcase lid, please pull the centre of the spring lightly towards you, and the lid will close.

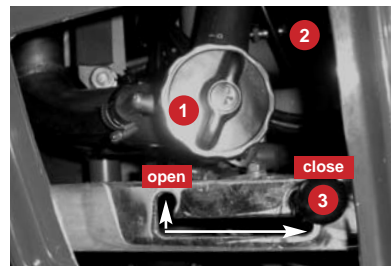
Luggage boot: RF1

The model RF1 is series equipped with an integrated boot and glove compartment.



- 1 Service box
- 2 Glove box
- 3 Boot

The boot latch/unlatch mechanism is located in the service box



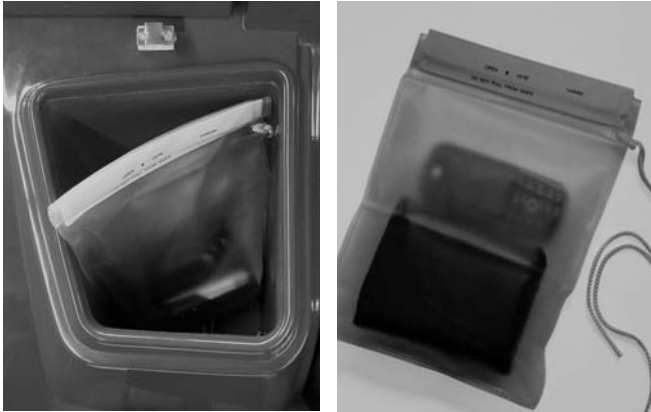
Service box

- 1 Tank cap
- 2 Dipstick
- 3 Boot latch

Glove box and Saftybag

The glove box, located in driving direction on the right hand side, next to the passenger seat, is ideal for small items of luggage such as wallet, mobile phone, key ring etc.

Items which need to be protected from moisture should be stored in the **rewaco** Saftybag first. *(optionally available)*



The **rewaco** Saftybag protects against moisture *(optionally available)*

Driving safely

Always adjust the driving speed to the road surface and weather conditions. Aquaplaning can occur on wet roads. This may lead to a loss of steering and braking capability of the vehicle. When driving on long, severe inclines the vehicle brake must be assisted by the engine braking action. A correspondingly low gear must be selected, which assists the braking effect.

Operating Instructions

Accessories

Before buying accessories and making technical changes you should always consult your **rewaco** contract dealer. You can buy released accessories and original **rewaco** parts from your **rewaco** contract dealers.



In your own interest we recommend that you use only accessories released by the manufacturer and original **rewaco** parts for your trike.

The reliability, safety and suitability especially for **rewaco** trikes have been tested for these accessories and parts.

For other products - even when acceptance by an officially authorized technical testing and inspection association or an official approval are available - we cannot assess this despite current market observation and cannot take liability for this.

Emergency reflective triangle and first-aid kit


As a trike is a multitrack vehicle, it is recommended where not already regulated by law, to carry an emergency reflecting triangle and a DIN approved first-aid kit. *(optionally available)*

Maintenance and Care

Regular competent care retains the value of the vehicle and is the prerequisite for maintaining the vehicle guarantee. The best protection for the trike from damaging environmental influences, particularly in winter, is a regular wash and preservation of bodywork colour/chrome and aluminium parts.

The longer road salt, road and industrial dust, insect residue and bird excrements, etc. can act on the vehicle parts, the more lasting the damage.

Please use suitable and specially indicated products for the care.

 Despite constant quality controls, malfunctions of the vehicle cannot be excluded. In this case, please turn directly to the manufacturer/importer or to one of our **rewaco** partnership dealers, so that immediate rectification can be carried out to your satisfaction and to avoid any possible consequential damages.

Damage which indicates inadequate care of the vehicle does not fall under warranty claims.

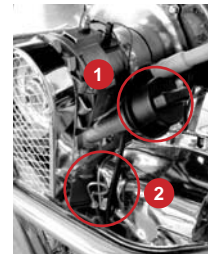
Checking engine and gear oil level

FX4/FX5: The dip stick is located on the engine

FX6: The dip stick is located on the lid underneath the passenger seat

RF1: The dip stick is located in the service compartment (see pg.13)

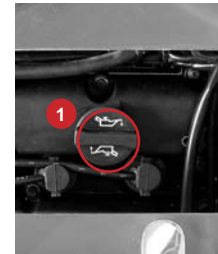
FX4 / FX5



FX6



RF1



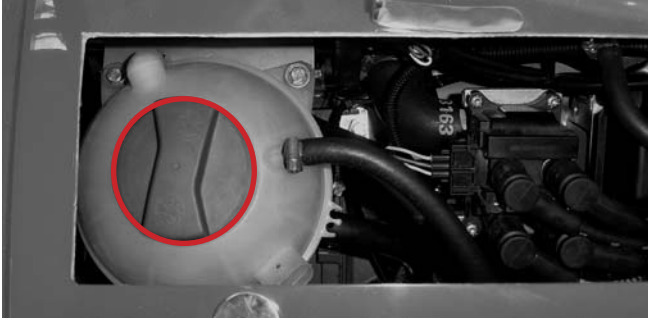
- 1** Engine oil filler neck **2** Dip stick

The engine oil level must be checked every 1,000 km, the oil level must be between the min. and max. mark on the dipstick. If there is a lack of engine oil, top up the missing amount through the engine oil filler neck (*see figures*) in the engine compartment.


It is not necessary to check the gear oil level of the manual gearbox between the intervals specified in the service plan.

Checking coolant level (applies only to RF1)

The coolant equalizing tank is located in the engine compartment. The cooling level can really only be checked properly when the engine is switched off.



Read the coolant level from the coolant equalizing tank. With a cold engine it must be at the level of the container seam. If the engine is warm it may also lie slightly above the container seam.

 The cooling system is under pressure! Do not open the lid of the coolant equalizing tank when the engine is hot - there is danger of scalding.

Checking the brake fluid


The brake fluid reservoir is located underneath the tank dummy. The state of the brake fluid is also checked within the scope of an inspection service.

Over time, brake fluid absorbs moisture from the environmental air. A too high moisture content of the fluid can lead to damage of the brake system. You should therefore have the brake fluid checked regularly by a **rewaco** partner dealership.

Checking the battery

With the models FX4 / FX5 / FX6 the battery is located underneath the passenger seat and with the RF1 under the driver's seat.

The batteries are practically maintenance free under normal operating conditions. If the external temperatures are very high it is recommended to check the acid level at regular intervals. It should always lie between the min. and max. marker. A low acid level should be corrected by a **rewaco** partner dealership.

 Battery acid is corrosive and must not come in contact with your eyes, skin or clothing.

Wear of brake pads

The wear of brake pads is largely dependent on the conditions of use and the driving style. The maintenance of the braking system must be carried out in an expert workshop in accordance with the prescribed inspection and maintenance intervals.

Tyre pressure and wear


Too high or too low tyre pressure not only impedes driving safety of the trike but also has an effect on their wear. The tyre pressure should therefore be checked twice a month of before and after a longer trip. (see *pg. 20*)

Cleaning plastic and aluminium parts

If normal washing is insufficient, plastic and imitation leather may only be treated with special plastic cleaners. Aluminium parts should be cleaned regularly and preserved.


Cleaning and caring for the bodywork

Frequent washing will keep up the value of your vehicle. Treat the bodywork and paint with preserver and polish from time to time.

 There will be no guarantee accepted when applying and removing stickers, decorative strips and similar materials.

Inspection intervals

The maintenance inspection intervals are described in the annex. The necessary work and controls may only be carried out by **rewaco** partner dealerships. The execution of this work is certified in this service book.

 Warranty claims may only be made directly with the manufacturer/importer or a **rewaco** partner dealership.

If defects are to be rectified within the scope of the legal warranty guidelines by an expert workshop which is not authorised by the manufacturer or importer, a written approval from the manufacturer or importer must be available to carry out the work.


Malfunctions

Vehicle electrical system

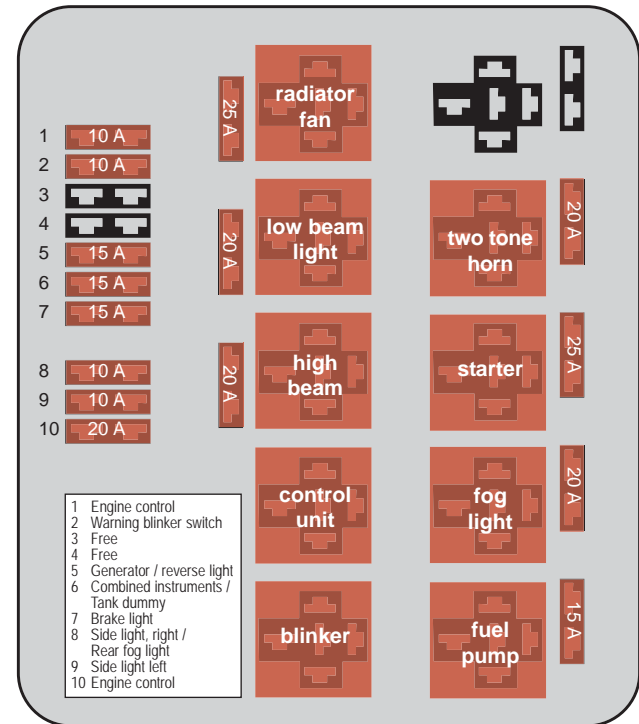
The control panel is located behind the passenger seat.
Blown fuses must be replaced.

Reserve fuses are located in the free slots on the control panel. Please proceed as follows when changing a defective fuse:

- Switch off the ignition and the affected electric load
- Find out which fuse belongs to the failed electric load (see right side)
- Remove the concerned fuse
- If the fuse has blown (you can recognise this by the molten metal strip), replace it with a fuse of the same strength


 If the malfunction cannot be rectified by exchanging a defective fuse, the electrical system must be checked as quickly as possible by a **rewaco** partner dealership. Multiple changes of a defective fuse can lead to further damage.

Fuse assignment, control panel:




Lack of engine output

If engine output is lost while driving, please park the vehicle as quickly as possible in a safe place (approach next available parking opportunity or parking place).

 If the ignition of one cylinder fails, the catalyser of your vehicle will be destroyed. Park the vehicle at a safe place and visit the next closest **rewaco** partner dealership for an inspection.


Lack of braking power

 If you discover a loss of braking power or changed braking behaviour while driving, stop the vehicle at moderate speed. Have the braking system checked by an expert workshop.

Technical data

Tyre pressure

Front tyre:	Size	Inflation pressure
	150/60 ZR 17	1,3 - 1,4 bar
	180/55 ZR 17	1,8 - 2,0 bar
	200/50 ZR 17	1,8 - 2,0 bar
Rear tyres:		
	275/40 ZR 17	2,0 - 2,2 bar
	285/35 ZR 18	1,9 - 2,1 bar
	295/50 R 15	1,6 - 1,7 bar
	335/30 ZR 18	1,9 - 2,1 bar

 Please control also regularly the wheel bolts.
(The tightness torque of the screw connection is 110 Nm)

Lubricants

Under normal driving operation and climatic conditions the engine oils (brand oils) with the viscosity class listed below are adequate and can be driven as year-round oils.

If the vehicle is subjected to extreme conditions, you should confer with your contractual **rewaco** workshop.

Engineoil:

<i>Model</i>	<i>Quantity</i>	<i>Specification</i>
FX4/FX5	2,75 Ltr.	SAE 20W-50 API: SG
FX6	3,5 Ltr.	SAE 20W-50 API: CE, CF, CF-4, CG-4
RF1	4,75 Ltr.	SAE 5W-30 API: SL ACEA: A1-02/A5-02/B1-02 Ford: WSS-M2C 913-A WSS-M2C 912-A1 WSS-M2C 913 B

Gear oil:

<i>Model</i>	<i>Quantity</i>	<i>Specification</i>
FX4/FX5/FX6	2,5 Ltr.	SAE 80W-90 Hypoid GL-4 MIL-L-2105
RF1	2,4 Ltr.	SAE 75W-90 API: GL 4+ VW: 501 50 (G50) Ford: ESD M2C175-A ZF TE ML 02D, 08A

Coolant (applies only to RF1)

Specification: **WSS-M97B44D**


Brake and clutch fluids

Specification: **DOT 4**


Fuels

Your vehicle may only be driven with lead-free petrol of the following types:

Model	Engine	Fuel
FX4 / FX5	1,6 Ltr.	Petrol (octane no. 91)
	1,8 Ltr.	Petrol (octane no. 95)
FX6	1,4 Ltr.	Petrol (octane no. 95)
	1,6 Ltr.	Petrol (octane no. 95)
RF1	1,6 Ltr.	Petrol (octane no. 95)

 The use of poor quality fuels can lead to engine damage.

Load

 Please note that the maximum load (see pg. 23) for the vehicle may not be exceeded. Special outfits and accessories must be taken into consideration.

FX4 / FX5 / FX6

Topcase	max. 15 kg
incl. luggage rack	
Leather luggage bags	max. 6 kg / per side

RF1

Boot:	max. 20 kg
Glove box:	max. 5 kg
Luggage rack on boot lid:	max. 10 kg

Dimensions and load for the model *FX4*

Engine / Electric	1.6 l	1.8 l
Engine	Air cooled 4-cylinder-Boxer engine with multi-point injection system and controlled 3-way cat. converter	
Displacement cm ³	1585	1775
Max power kW at RPM	40 kW / 4000 (54 hp)	50 kW / 4250 (68 hp)
Max engine torque at RPM	109 Nm / 2800	121 Nm / 3000
Exhaust gas purification system	G-Cat, Lambda probe	
Ignition	Trijekt	

Power-Transmission

Transmission	4-Gear Trans. synchro. with reverse gear, rear-wheel drive
Clutch	Mechanical Dry clutch

Chassis / Steering

Front axle	Trapezoidal fork with centre spring element
Rear axle	Single wheel suspension with Bilstein gas shockabs.
Brake System, front	Disc Brake
Brake System, rear	Disc Brake
Tyre, front	150/60 ZR 17 (opt. 180/55 ZR 17 or 200/50 ZR 17)
Tyres, rear	295/50 R15 (opt. 285/35 ZR 18 or 335/30 ZR 18)
Wheel, front	4.5 J x 17 (optional 5 J x 17 or 5.5 J x 17)
Wheels, rear	10 J x 15 (optional 11 J x 18 or 12 J x 18)

Maximum Speed and fuel consumption

Max. Speed in (km/h) [1]	137	142
Acceleration 0-100 (sec) [1]	11.9	9.2
Consumption at 90 km/h (l/100 km) [1]	5.5	5.7
Consumption at 120 km/h (l/100 km) [1]	7.1	7.3
Fuel	Petrol (octane no. 91)	Petrol (octane no. 95)

Dimensions / Weight / Volume

Vehicle width (mm) [2]	1810 (with 295/50 R15) / 1940 (with 335/30 ZR18)
Vehicle length (mm) [2]	3260 / 3360 (with truck pipes)
Vehicle height (mm) [2]	1100 / 1290 (with truck pipes)
Empty weight (kg) [2]	475
Maximum Load (kg) [2]	275
Fuel tank volume (Ltr.)	45
Seats	2 (1 front, 1 rear)

[1] = Performance and consumption may vary slightly according to driving style, equipment, road and weather conditions.

[2] = Varies according to equipment and model.

The information about the product, performance, fuel consumption, dimensions and weights of the vehicles are correct at the time of going to press.

Dimensions and load for the model *FX5*

Engine / Electric	1.6 l	1.8 l
Engine	Air cooled 4-cylinder-Boxer engine with multi-point injection system and controlled 3-way cat. converter	
Displacement cm ³	1585	1775
Max power kW at RPM	40 kW / 4000 (54 hp)	50 kW / 4250 (68 hp)
Max engine torque at RPM	109 Nm / 2800	121 Nm / 3000
Exhaust gas purification system	G-Cat, Lambda probe	
Ignition	Trijekt	

Power-Transmission

Transmission	4-Gear Trans. synchro. with reverse gear, rear-wheel drive
Clutch	Mechanical Dry clutch

Chassis / Steering

Front axle	Trapezoidal fork with centre spring element
Rear axle	Single wheel suspension with Bilstein gas shockabs.
Brake System, front	Disc Brake
Brake System, rear	Disc Brake
Tyre, front	150/60 ZR 17 (opt. 180/55 ZR 17 or 200/50 ZR 17)
Tyres, rear	295/50 R15 (opt. 285/35 ZR 18 or 335/30 ZR 18)
Wheel, front	4.5 J x 17 (optional 5 J x 17 or 5.5 J x 17)
Wheels, rear	10 J x 15 (optional 11 J x 18 or 12 J x 18)

Maximum Speed and fuel consumption

Max. Speed in (km/h) [1]	137	142
Acceleration 0-100 (sec) [1]	11.9	9.2
Consumption at 90 km/h (l/100 km) [1]	5.5	5.7
Consumption at 120 km/h (l/100 km) [1]	7.1	7.3
Fuel	Petrol (octane no. 91)	Petrol (octane no. 95)

Dimensions / Weight / Volume

Vehicle width (mm) [2]	1810
Vehicle length (mm) [2]	3340
Vehicle height (mm) [2]	1100 / 1290 (with truck pipes)
Empty weight (kg) [2]	480
Maximum Load (kg) [2]	270
Fuel tank volume (Ltr.)	45
Seats	3 (1 front, 2 rear)

[1] = Performance and consumption may vary slightly according to driving style, equipment, road and weather conditions.

[2] = Varies according to equipment and model.

The information about the product, performance, fuel consumption, dimensions and weights of the vehicles are correct at the time of going to press.

Dimensions and load for the model *FX6*

Engine / Electric	1.4 l	1.6 l
Engine	Aircooled 2-cylinder V-engine (Harley-Davidson™) with carburator	with mpi-system
Displacement cm ³	1.446	1.585
Max power kW at RPM	57 kW / 5000 (78 hp)	63 kW / 5100 (85 hp)
max engine torque at RPM	125 Nm / 2700	128 Nm / 2700
Exhaust gas purification system	3-way catalytic converter (G-Cat), Lambda probe	
Ignition	Altmann AMM P3	Trijekt

Power-Transmission

Transmission	4-Gear Trans. synchro. with reverse gear, rear-wheel drive
Clutch	Mechanical Dry clutch

Chassis / Steering

Front axle	Trapezoidal fork with centre spring element
Rear axle	Single wheel suspension with Bilstein gas shockabs.
Brake System, front	Disc Brake
Brake System, rear	Disc Brake
Tyre, front	150/60 ZR 17 (opt. 180/55 ZR 17 or 200/50 ZR 17)
Tyres, rear	295/50 R15 (opt. 285/35 ZR 18 or 335/30 ZR 18)
Wheel, front	4.5 J x 17 (optional 5 J x 17 or 5.5 J x 17)
Wheels, rear	10 J x 15 (optional 11 J x 18 or 12 J x 18)

Maximum Speed and fuel consumption

Max. Speed in (km/h) [1]	153	156
Acceleration 0-100 (sec) [1]	8.1	7.8
Consumption at 90 km/h (l/100 km) [1]	5.8	6.0
Consumption at 120 km/h (l/100 km) [1]	7.5	7.8
Fuel	Petrol (octane no. 95)	Petrol (oct. no. 95)

Dimensions / Weight / Volume

Vehicle width (mm) [2]	1810 (with 295/50 R15) / 1940 (with 335/30 ZR18)
Vehicle length (mm) [2]	3360
Vehicle height (mm) [2]	1100
Empty weight (kg) [2]	515
Maximum Load (kg) [2]	235
Fuel tank volume (Ltr.)	45
Seats	2 (1 front, 1 rear)

[1] = Performance and consumption may vary slightly according to driving style, equipment, road and weather conditions.

[2] = Varies according to equipment and model.

The information about the product, performance, fuel consumption, dimensions and weights of the vehicles are correct at the time of going to press.

Dimensions and load for the model *RF1*

Engine Data	1.6 ltr.	1.6 ltr. Turbo
Engine	water-cooled 4-cylinder in-line engine (Ford™)	
		with turbocharger
Displacement cm ³	1596	1596
Max power kW at RPM	85 kW / 6800 (115 hp)	136 kW / 5950 (185 hp)
Max engine torque at RPM	145 Nm / 3200	240 Nm / 3800
Exhaust gas purification system	G-Cat, Lambda probe	
Ignition	Trijekt	

Power Transmission

Gear type	5-gear shift transmission, reverse gear, rear drive
Clutch	Mechanical dry clutch

Chassis and steering

Front axle	Trapeze steering fork with gas pressure shock absorbers
Rear axle	Single wheel suspension with gas pressure shock abs.
Brake system front	Disc brake
Brake system rear	Disc brake
Tyre, front	180/55 ZR 17 (optional 200/50 ZR 17)
Tyres, rear	275/40 ZR 17 (optional 335/30 ZR 18)
Wheel, front	5 J x 17 (optional 5.5 J x 17)
Wheels, rear	10 J x 17 (optional 11 J x 18)

Driving performance and consumption

Max. Speed in (km/h) [1]	174	200
Acceleration 0-100 (sec) [1]	6.7	4.8
Consumption at 90 km/h (l/100 km) [1]	5.8	6.8
Consumption at 120 km/h (l/100 km) [1]	7.5	8.5
Fuel	Petrol (octane number 95)	

Weight and Volume

Vehicle width (mm) [2]	1880	1880
Vehicle length (mm) [2]	3550	3550
Vehicle height (mm) [2]	1100	1100
Empty weight (kg) [2]	590	598
Maximum Load (kg) [2]	210	210
Fuel tank volume (Ltr.)	40	40
Seats	2 (1 front, 1 rear)	

[1] = Performance and consumption may vary slightly according to driving style, equipment, road and weather conditions.

[2] = Varies according to equipment and model.

The information about the product, performance, fuel consumption, dimensions and weights of the vehicles are correct at the time of going to press.

This Service Scope Table shows the individual work for the respective service interval.

Activity	1,000	7,500	15,000	22,500	30,000	37,500	45,000	52,500	60,000	67,500	75,000	82,500	90,000		
Engine oil (1)	○●	○	○●	○	○●	○	○●	○	○●	○	○●	○	○●		
Valve clearance (2)	○●	○	○●	○	○●	○	○●	○	○●	○	○●	○	○●		
Oil filter (1)	○	○	○●	○	○●	○	○●	○	○●	○	○●	○	○●		
Gear oil (2)	○●		○●		○●		○●		○●		○●		○●		
Brake fluid (1* or 2)	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		
Clutch adjustment (2)	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		
Coolant (1 or 2)	●	●	●	●	●	●	●	●	●	●	●	●	●		
Air filter (6 or 3/4)		○	○●	○	○●	○	○●	○	○●	○	○●	○	○●		
Fuel filter (1)					○●				○●				○●		
Spark plugs (1)					○●				○●				○●		
V-belt (2)	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		
Toothed belt (1**)									●						
Axle collar (2)	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		
Brake pads, front (2) / rear (2*)	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		
Brake rods (5)	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		
Axle suspensions (5)	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		
Frame / axle screwed joints (2)	○●		○●				○●				○●				
Lighting (2)	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		
Tyre pressure (2)	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		
Screw joint steering fork (2)	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		
Steering head bearing (2)	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		
Tyre bolts (2)	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		
Front wheel spoke (2)	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		
Throttle cable (1)		○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●	○●		

○ - FX4/FX5/FX5 ● - RF1 1 - change 2 - check 3 - clean 4 - oil 5 - lubricate 6 - only upon requirement * every 30,000 km or after 2 years ** every 60,000 km or after 4 years

1,000 km

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

7,500 km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

15,000 km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

22,500 km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

30,000 km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

37,500 km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

45,000 km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

52,500 km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

60,000 km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

67,500 km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

75,000 km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

82,500 km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

90,000 km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

_____ km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

_____ km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:

at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:

_____ km (or after 12 months)

This vehicle has been inspected according to the provisions of the service scope (pg. 27) by the following **rewaco** partner dealership:


at km reading: _____

Date: _____

rewaco partner dealership and signature:

Non-scheduled control/exchange carried out!

List control/exchange or note for next service:



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rewaco Spezialfahrzeuge GmbH

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