



Scotttoiler®

xSystem 3.0 Information Pack

40 Years of Innovation



- Scottoiler are the world experts in chain lubrication systems for motorcycles
- The xSystem 3.0 is the culmination of 40 years of innovation experience
- Manufacturers of class leading products with representation in over 45 countries
- High quality products approved to ISO 9001 and ISO 14001 standards
- Supplier to the OEM's for over 10 years including BMW Motorrad and KTM
- The only chain oiler company to offer environmentally friendly biodegradable oils
- Scottoiler is a Carbon Neutral Company



Identification



- The xSystem 3.0 packaging design uses the same colours as the versions of the xSystem which came before it so that it is easily identifiable as part of the xSystem product family and the Scottoiler range
- As well as carrying the new 3.0 number designation it also includes a white identifying sticker that highlights that this is the new edition with the ability to be connected to a switched-live or direct to the battery

Identification



- The xSystem 3.0 kits have unique SKU and barcode references which are shown on the reverse of the packaging alongside recycling information for the packaging and product
- The product SKU's and barcodes will be as follows:

SKU	Product Description	Barcode
SO-8005-30	xSystem 3.0	724722600606
SO-8020-30	xSystem 3.0 - High Temperature	724722600613
SO-8150-30	xSystem 3.0 - All Climate Biodegradable Green Scottoil	724722600620
SO-8050-30BL	xSystem 3.0 Oiler Unit	724722600637
SA-0801BL	xSystem 3.0 Kit Bag	724722600644



- The image on the reverse of the sleeve now shows the dispenser with Biodegradable Green Scottoil being dispensed to highlight the most environmentally friendly options

What's in the box



The new xSystem 3.0 comes with all the parts you would expect in a modern Scottoiler kit including:

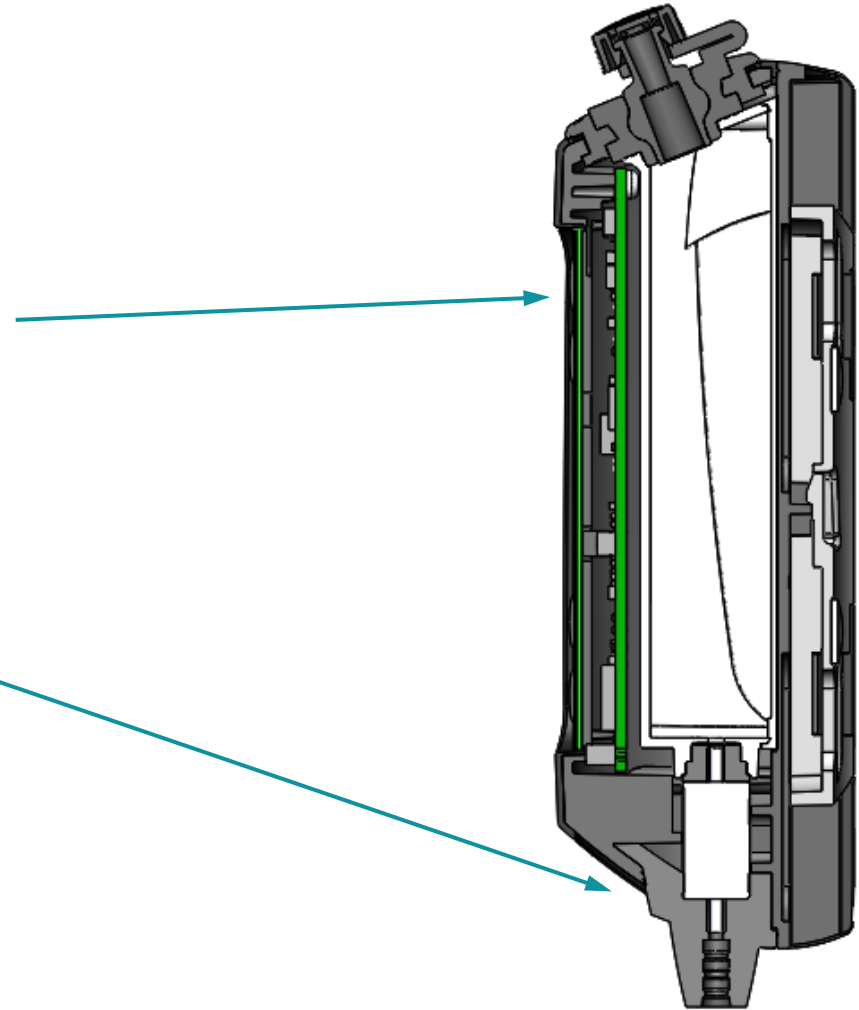


- New and improved xSystem 3.0 reservoir unit with fused wiring loom
- Integrated reservoir mounting bracket
- Delivery tubing with dispenser assembly
- Micro-dispenser mounting plate
- Self-adhesive dispenser mounting bracket
- Self-adhesive delivery tube routing clips
- 250ml of Scottoil – either Biodegradable Green (0-40°C), Standard Blue (0-30°C) or High Temperature Red (20-40°C)
- Fitting Instructions and Operating Guide

xSystem 3.0 Features



- The xSystem 3.0 has new firmware allowing for a faster response rate to key presses and significantly reducing the power consumption so the xSystem 3.0 is now significantly more efficient than the xSystem 2.0
- The xSystem 3.0 has updated seals and a new and improved overmould design providing significantly improved durability and reliability in even the harshest of conditions



xSystem 3.0 Features



Prime - 3mins

LED Position	Number of LED flashes	1 drop every X seconds	
1		10	🔴 MAX
2		20	
3	***	30	
4		40	
5		50	
⬆️ 1		60	
2		80	
3	**	100	🔴 START
4		120	
5		150	
⬇️ 1		180	
2		210	
3	*	240	
4		300	
5		360	🔴 MIN

- The xSystem 3.0 has 15 flow rates so there is a flow setting suitable for every preference
- The improved button response rate means you can cycle through flow rates more quickly so it's easier to get to your preferred setting
- The xSystem 3.0 can also be deactivated for services, transportation or long-term storage
- The Prime button opens the solenoid for 3 minutes to prime or for a boost of lubrication

Unique Selling Points



- The xSystem 3.0 can now be connected to a switched live or direct to the battery. This new functionality allows the system to be powered via an accessory manager or hard-wired into the ignition, maintaining its settings and resuming operation when the power is cut and then restored
- The xSystem 3.0 can also now be used on electric motorcycles
- With it's new hardware and software combination the xSystem 3.0 firmly secures its position as the most innovative and advanced motorcycle chain oiler available



Unique Selling Points



- With no calibration required and a solenoid valve that removes the need for a check valve in the delivery line, the xSystem 3.0 is easy to setup and operate
- Paired with our unique formula Biodegradable Green Scottoil, which is readily biodegradable and covers the widest operating temperature range, the xSystem 3.0 will ensure perfect lubrication whatever the weather
- The xSystem 3.0 is the fit and forget solution to chain maintenance making it the ultimate plug and play Scotttoiler



Performance



- Below are some comparative figures for the performance of the xSystem both at sleep and when in operation:

	Current draw (mA)	
	At sleep	When activated
Heated grips	-	2000
Aftermarket Alarm	4	500
xSystem 2.0	2.3	270
eSystem 3.1	0.4	300
xSystem 3.0	0.087	108

- The xSystem 3.0 draws 26 times less current when sleeping than the xSystem 2.0 and it also uses 4% less power when activated
- At sleep the xSystem 3.0 draws less current than a digital clock (less than the natural discharge of the battery) and it is nearly 3 times more efficient when activating

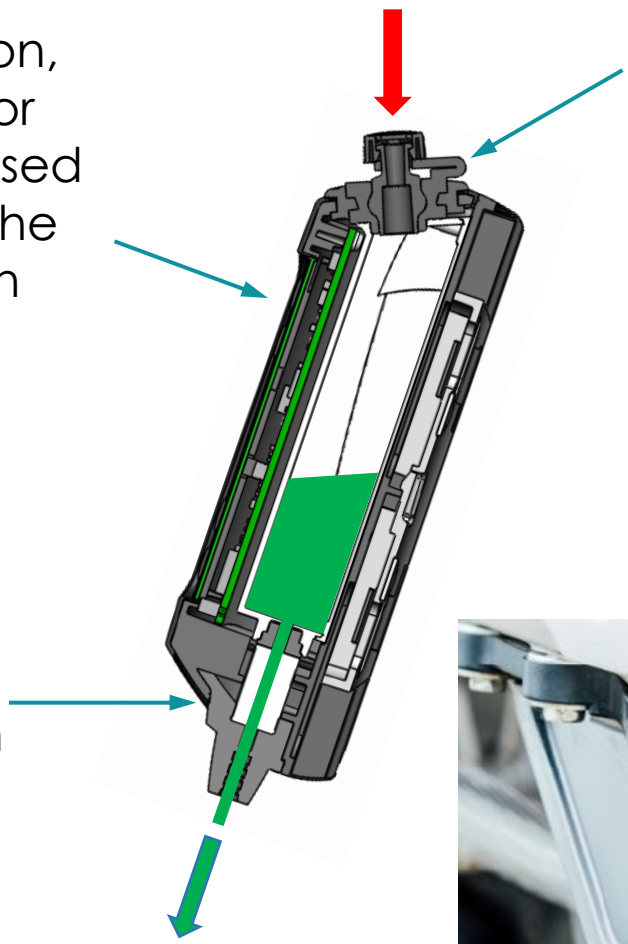


How it works



1. When the unit is powered on, an accelerometer monitors for vibration. When motion is sensed the solenoid valve opens at the pre-set time interval, between 10s and 360s

2. When the solenoid valve opens the oil flows down the delivery tube to the rear sprocket. The 'open time' of the solenoid valve varies with temperature, so the warmer it is, the shorter the open time. This ensure a consistent oil flow as temperatures vary



3. As the oil flows down the delivery tube air is drawn into the reservoir through the filler plug 'breather'. This ensures atmospheric pressure is maintained within the reservoir preventing any pressure build up or vacuum locking

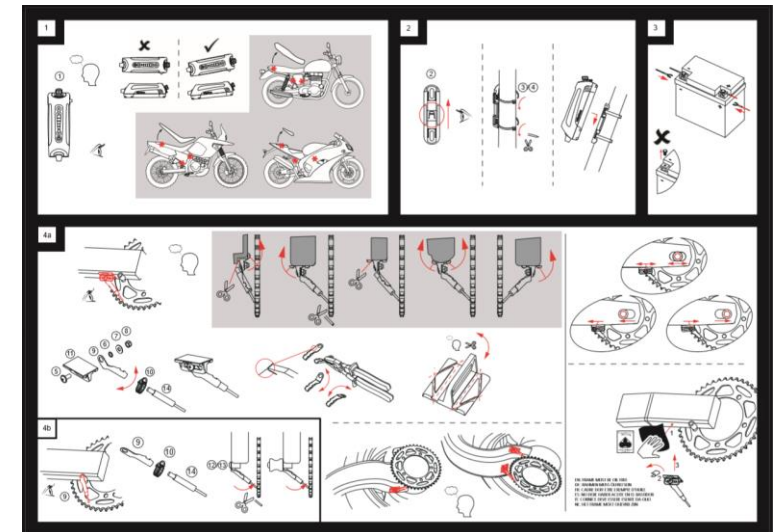
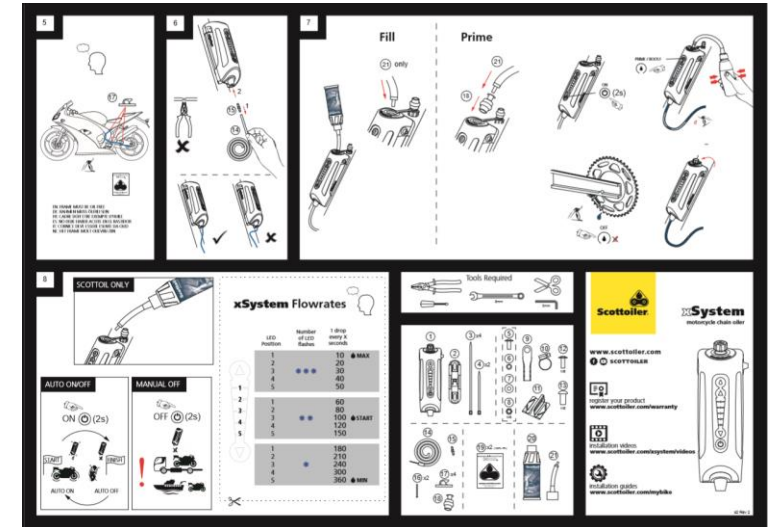


4. Scottoil is dispensed onto the face of the rear sprocket where it transfers directly into the chain for perfect lubrication

Installation & Support



- Installation Instructions remain the same for the xSystem 3.0
- Additional information on the xSystem 3.0 can be found on the Scottoiler Knowledgebase:
- How to tell the difference between the xSystem 3.0 and older generations of xSystems - <https://marketingengineer.de/category/faqs/1/>
- CE approval declaration of conformity - <https://marketingengineer.de/article/declaration-of-conformity-ce.html>
- Product guides including how to fill and prime, fitting instr, flow rates etc within the General Guides on the KB <https://marketingengineer.de/category/general-guides/product-guides/37/>



Scottoiler Chain Oiler Range



ESSENTIALS

micro vSystem

- ▶ Vacuum operated
- ▶ On/off with engine
- ▶ 35ml capacity
- ▶ ~750 mile (1,200km) range
- ▶ Analogue flow control on reservoir
- ▶ Manually adjust for temperature

vSystem

- ▶ Vacuum operated
- ▶ On/off with engine
- ▶ 50ml capacity
- ▶ ~1,400 mile (2,250km) range
- ▶ Analogue flow control on reservoir
- ▶ Manually adjust for temperature

xSystem 3.0

- ▶ Electronic
- ▶ Solenoid valve
- ▶ On with engine vibration
- ▶ 60ml capacity
- ▶ ~1,600 mile (2,500km) range
- ▶ Digital flow control on res
- ▶ 15 flow rate settings
- ▶ Automatically adjusts for temperature

eSystem 3.1

- ▶ Electronic
- ▶ Piston pump
- ▶ On with motorcycle motion
- ▶ 60ml capacity
- ▶ ~1,600 mile (2,500km) range
- ▶ Remote digital flow control on handlebar display
- ▶ 10 flow rate settings
- ▶ Automatically adjusts for temperature

Scottoil Range



Vol: 125ml – 4.2fl.oz.
Distance: ~2,500miles/4,000km



Vol: 250ml – 8.4fl.oz.
Distance: ~5,000miles/8,000km



Vol: 500ml – 16.8fl.oz.
Distance: ~10,000miles/16,000km

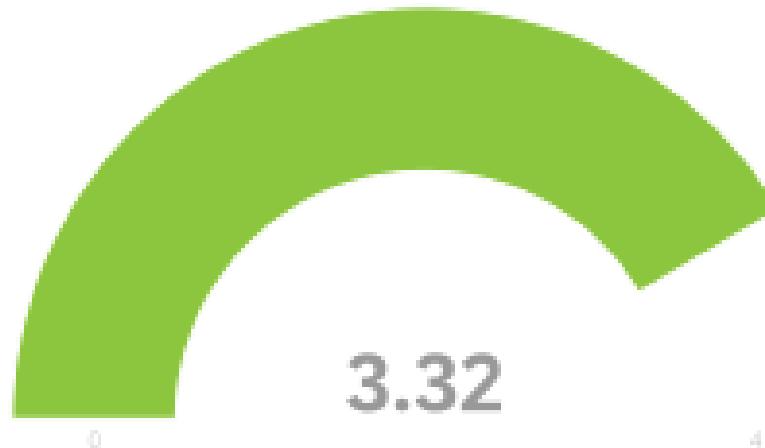
What our customers say



What our customers say



- ***“...the biggest hassle in owning a motorcycle is looking after the chain...”***
- With a Scottoil fitted customers experience significantly increased component life, reduced maintenance hassle and improved performance
- *When asked ‘How much longer did your chain and sprockets last?’ in our annual customer survey the average was ‘over 3.3 times longer’*



What our customers say



Bike is ridden hard and chain and sprockets are nearly 3 yrs old now and still look in mint condition. Best mod ever to my bike and easy to use.

Rider: Steven Spalding

Location: UK

Motorbike: Yamaha R1 99.

Average miles/km per year: 5000

Life Expectancy: Getting on for 3 years now.

What our customers say



I installed the Scottoilier xSystem V2. Since installation, I no longer have any transmission noise compared to grease spray. The chain remains clean and always lubricated even in rainy weather. Driving every day with this system removed the hassle of lubrication. I just regret not having installed it before!

Rider: Christophe Lefebvre

Location: France

Motorbike: Kawasaki 600 ZZR 1995

Average miles/km per year: 10,000

Life Expectancy: 60,000 km

What our customers say



I dont know what is chain cleaning...I dont know that I have some chain... hold time of chain and all chain kit is around 50 000 km...without another maintenance ...only scottoiler.. This is must have of all "riders who ride many kilometers" and it is my must have..

Rider: Jana

Location: Slovak Republic

Motorbike: Aprilia Tuareg 2022

Average miles/km per year: 15,000

Life Expectancy: Around 180,000 km

