

Moped and motorcycle CP Guide:

Introduction:

The theft of motorcycles, scooters and mopeds is a major problem in many parts of the country, especially in urban areas. When stolen the vehicles are either broken up for the value of their parts or alternatively are used in further crimes, such as snatch theft of personal property or robbery. This secondary use is causing a rise in crime. It is relatively easy to protect a vehicle from theft and the purpose of this brief guide is to outline the simple measures that can be taken to do this. A list of suitable security tested products will also be given, along with the differences in how they are certified. Always check your insurance to see if your insurer expects a minimum level of security to cover the value of your vehicle.

Throughout this guide, the term powered two wheeler will be sometimes used to describe all motorcycles, scooters and mopeds, irrespective of their differing engine capacities.

Crime prevention measures:

Most crime is opportunistic, and vehicle crime is no exception. Although there may be certain types of powered two wheeler that are sought by thieves, either for the intrinsic value of their parts or for their suitability in committing further crimes, the opportunity to steal such a vehicle will always be key.

To reduce the opportunity for theft means taking simple measures that build up layers of security, resulting in making the vehicle less desirable to a thief owing to the effort required to steal it. At least two points of locking are advisable, ensuring both wheels are secured.

How to secure your vehicle:

- When at home, keep your vehicle in a garage, shed or bike storage unit
- Consider installing a ground anchor in your garage or driveway to secure the vehicle
- Secure the rear wheel of the vehicle with a security tested chain and padlock set. Attach the chain either to a ground anchor or another fixed immovable object
- Once secure, wrap any excess chain and the lock around the rear wheel. This prevents the lock being targeted if left loose on the ground

- Use a disc lock on the front wheel
- Fit a grip lock to the throttle
- Use a movement sensor alarm
- Bike covers are another good obstacle to a thief, and prevent immediate access to the controls and security features
- Fit a tracking device to assist in recovering your vehicle if stolen – ensure it is hidden so thieves cannot easily remove it
- Consider property marking any panels. Property marking is available in various forms, from forensic marking to etching. Register this on a database.
- Use tamper proof – one way screws – reinforced by adhesive to prevent number plate theft
- When out and about, consider parking your vehicle in a Park Mark approved car park, which has passed a security assessment. Secure your vehicle to any ground anchor or support stand provided.
- Alternatively, park your vehicle in an area that is well overlooked with good lighting



Figure 1 – A motorcycle with a chain and lock securing the rear wheel to a ground anchor. Ideally the lock needs to be elevated or wrapped around the wheel to prevent it being smashed against the ground with a hammer. A yellow disc lock (highlighted by the arrow) secures the front wheel.



Figure 2 – Support stand Figure 3 – Ground anchors

Security equipment:

It is worth investing in products that have been tested to ensure they offer a good level of security against attack. There are three ranges of product worth considering.

The first range has passed the Secured by Design (SBD) Police Preferred Specification. SBD is the national police crime prevention initiative, aimed at ensuring a guaranteed level of security for any security product assessed under the scheme.

The second range are products tested and certified by Sold Secure, a not for profit company run by the Master Locksmiths Association. Sold Secure offers three levels of approval: Gold, Silver and Bronze, each with a level of security relevant to the grading. Sold Secure Gold is recommended in the following list, based upon products tested in the categories of motorcycle, motor scooter and ground anchor.

The final range is also tested and certified under the guidance of a not for profit organisation, Thatcham. Formed by a group of insurance companies, Thatcham certifies products in the following categories: 1 – alarms and immobilisers, 2 (1) – alarm upgrades, 3 – mechanical immobilisers (locks and

chains), 6 – stolen vehicle tracking, 7 – stolen vehicle location, S5 – vehicle tracking. Vehicle marking systems are also tested. When a product achieves Thatcham accreditation, it is confirmed as being TQA – Thatcham Quality Assured.

Some products are not security rated, but are still of great use in deterring or preventing theft, such as bike covers, grip locks and one way screws for number plates.



Figure 4 – A lock and chain set has been attached to a ground anchor, but the chain has also been run through the rear wheel and frame. A bike cover also adds a further layer of security to delay or deter a thief, not just waterproofing.

Products:

Bike stores:

These are a great way to store your vehicle when at home.

Asgard	Asgard Centurion Motorcycle Storage Garage LPS1175 2014 SR1 (SBD)
Asgard	Asgard Gladiator Motorcycle Storage Shed LPS1175 2014 SR1 (SBD)
Asgard	Asgard Centurion Motorcycle plus Storage Garage LPS1175 2014 SR1 (SBD)
Trimetals	Protect-a-Bike Storage unit for Motorcycles LPS1175 2007 SR2 (SBD)

Ground anchors:

These products come in many forms, often solid metal loops that can be bolted or cemented into walls or ground surfaces. Some are subsurface metal loops designed to be fitted into concrete. Others also incorporate heavy duty stands.

Installing and using a ground anchor at home will help to protect your vehicle. They are also worth securing your bike to when out and about.

Pragmasis	TORC Ground Anchor Series 2 (SBD and Sold Secure Gold)
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Pragmasis	Beefy Bridge Ground Anchor (SBD and Sold Secure Gold)
Pragmasis	Double Doofer Removable Ground Anchor (SBD and Sold Secure Gold)
Henry Squire and Sons	GA1 Ground Anchor (SBD and Sold Secure Gold)
Henry Squire and Sons	BPGA Ground Anchor (Sold Secure Gold)
Bike Trac	Ground anchor (SBD and Thatcham TQA cat 3)
Oxford Products	Oxford Anchor 14 Ground Anchor (Sold Secure Gold)
Oxford Products	Terra Force Ground Anchor (Sold Secure Gold)
Oxford Products	RotaForce Ground Anchor (Sold Secure Gold)
Oxford Products	Anchor Force Ground Anchor (Sold Secure Gold)
Kryptonite Corporation	Stronghold Ground Anchor (Sold Secure Gold)
International Tool Co Ltd	UTS 17 – 1&2 Ground Anchor and Lock (Sold Secure Gold)
PJB Security Products	Bull Point Ground Anchor (Sold Secure Gold)
PJB Security Products	Concave Built In Ground Anchor (Sold Secure Gold)
PJB Security Products	Immobiliser Ground Anchor (Sold Secure Gold)
PJB Security Products	Immobiliser Ground Anchor MK 2 (Sold Secure Gold)
PJB Security Products	Red Alert Double Bridge Ground Anchor (Sold Secure Gold)
PJB Security Products	Taurus Bullring Anchor bolt down (Sold Secure Gold)
PJB Security Products	Taurus Bullring Anchor built in (Sold Secure Gold)
ABUS	WBA 100 Wall/Ground Anchor (Sold Secure Gold and Thatcham TQA cat 3)
ABUS	WBA 75 Ground Anchor (Sold Secure Gold)
Y Anchor	Y Anchor and Y-Max 90/120 Ground Anchor (Sold Secure Gold)
Oxford Products	Docking Station Wall/Ground anchor (Thatcham TQA cat 3)
Abba Motorcycle Equipment Ltd	Abba Ground Anchor (Thatcham TQA cat 3)
Hardie Secure Products Ltd	Hardie Ground Anchor (Thatcham TQA cat 3)
Fabtech Ltd	Lockjaw MX-21 Ground Anchor (Thatcham TQA cat 3)
Bike It International Ltd	Mammoth Bolt in Ground Anchor (Thatcham TQA cat 3)

Padlocks, shackles and locks:

Essential for securing you bike.

Pragmasis	Anti-pinch locking pin (SBD and Sold Secure Gold)
Pragmasis	Roundlock RL21 and RL21A (SBD and Sold Secure Gold)
Pragmasis	DIB 130 and 190 D locks (SBD and Sold Secure Gold)
Henry Squire and Sons	SS50CS padlock (SBD and Sold Secure Gold)
Henry Squire and Sons	SS65CS padlock (SBD and Sold Secure Gold)
Henry Squire and Sons	Enigma Bluetooth D-lock (SBD and Sold Secure Gold)
ABUS	54/160HB 145 Granit X Plus mini D shackle (Sold Secure Gold)
Artago Secure SL	18 Art 120 D shackle (Sold Secure Gold)
Artago Secure SL	18 Art 270 D shackle (Sold Secure Gold)
Artago Secure SL	18 Art 320 D shackle (Sold Secure Gold)
Clas Ohison	Asaklitt U lock 31-2166 (Sold Secure Gold)
ABUS	Granit X Plus 54/160 HB 230 D shackle (Sold Secure Gold)
ABUS	Granit X Plus 540/160 HB 230 U shackle (Sold Secure Gold)
ABUS	Granit X Plus 540/160 HB 300 U shackle (Sold Secure Gold)

Kryptonite Corporation	New York M18 WL D shackle (Sold Secure Gold)
Kryptonite Corporation	NY Fahgettaboudit mini U lock (Sold Secure Gold) Oxford Products – Magnum U lock (Sold Secure Gold)
Henry Squire and Sons	SS80CS Padlock (Sold Secure Gold)
Henry Squire and Sons	SS80S Padlock (Sold Secure Gold)
Artago Secure SL	Triumph-Artago 18 XBT 270 D shackle (Sold Secure Gold)
Artago Secure SL	Triumph-Artago 18 XBT 320 D shackle (Sold Secure Gold)
Moore Large and Co Ltd	Magnum Plus Cyclops Padlock (Sold Secure Gold)
Moore Large and Co Ltd	Magnum Plus Gigantes Shackle Lock (Sold Secure Gold)
Moore Large and Co Ltd	Onguard Brute LS U Lock (Sold Secure Gold)
Milenco Ltd	Dundrod 14 x 54mm U lock (Sold Secure Gold)
Milenco Ltd	Dundrod 16 x 65mm U lock (Sold Secure Gold)
Milenco Ltd	Dundrod 18 x 230mm U lock (Sold Secure Gold)

Disc locks:

These small clamps come in a variety of shapes, and should ideally be fitted to the brake disc of the front wheel of any powered two wheeler.

Oxford Products	Big Boss 16mm disc lock OF46 (Sold Secure Gold and Thatcham TQA cat 3)
Oxford Products	Boss 12.7mm disc lock OF38 OX39 (Sold Secure Gold)
Oxford Products	Monster Mk 2 disc lock OF32M OF36M (Sold Secure Gold)
Oxford Products	Nemesis 16mm disc lock OF47 (Sold Secure Gold)
Oxford Products	Alpha XD14 disc lock (Sold Secure Gold)
Oxford Products	Boss 16 disc lock LK316 (Sold Secure Gold)
Oxford Products	Patriot disc lock OF40 OF41 (Thatcham TQA Cat 3)
Artago Secure SL	Triumph-Artago 69XBT disc lock (Sold Secure Gold)
Oxford Products	Boss alarm disc lock (Thatcham TQA Cat 3)
Henry Squire and Sons	Eiger mini D lock – disc lock (SBD and Sold Secure Gold)
ABUS	Granit Detecto XPlus 8077 disc lock (Thatcham TQA cat 3)
ABUS	Granit Detecto XPlus 8008 alarm disc lock (Thatcham TQA cat 3)
ABUS	Granit Victory XPlus 68 disc lock (Thatcham TQA cat 3)
ABUS	Granit Quick 37/60 disc lock (Thatcham TQA cat 3)
ABUS	Granit Power XS 67 disc lock (Thatcham TQA cat 3)
Bike It International Ltd	Mammoth long shackle disc lock LODM002 (Thatcham TQA cat 3)

Chains (including chain, lock and disc lock sets):

A further essential product for securing your vehicle. Secure the rear wheel to a ground anchor or robust support with a lock and chain set. Wrap any excess chain around the wheel, ensuring the lock is not left on the ground.

Pragmasis	Protector 19mm and 16mm chain (SBD and Sold Secure Gold)
Pragmasis	Protector 22mm Titan chain (SBD and Sold Secure Gold)
Henry Squire and Sons	SS50CS/TC4 padlock and chain set (SBD and Sold Secure Gold)
Henry Squire and Sons	SS65CS/TC4 padlock and chain set (SBD and Sold Secure Gold)
Bike Trac	Chain and lock/Disc lock (SBD and Thatcham TQA cat 3)
English Chain Co Ltd	14mm super quadlink security chain (Sold Secure Gold)
Artago Secure SL	padlock and 14mm chain in four lengths (Sold Secure Gold)
Artago Secure SL	68T padlock and 14mm chain in four lengths (Sold Secure Gold)

Artago Secure SL	69T disc lock and 14mm chain in four lengths (Sold Secure Gold)
Henry Squire and Sons	Colossus Padlock and Chain (Sold Secure Gold)
Codringtons Ltd	Enfield THC 14mm chain (Sold Secure Gold)
IFAM (SKS) Ltd	High Security Hex 14mm chain (Sold Secure Gold)
Henry Squire and Sons	Juggernaut Padlock and Chain (Sold Secure Gold)
Henry Squire and Sons	Massive Padlock and Chain (Sold Secure Gold)
Henry Squire and Sons	Samson Padlock and Chain (Sold Secure Gold)
Luma Industries	Solido Chain 15 x 2000 (Sold Secure Gold)
Oxford Products	Monster Chain (14mm Hex) and Padlock (Sold Secure Gold and Thatcham TQA cat 3)
Oxford Products	Monster XL lock and chain (14mm Hex) (Sold Secure Gold)
Oxford Products	Nemesis 16mm padlock and 16mm chain OF330 OF331 OF 332 (Sold Secure Gold)
Kryptonite Corporation	NY Fahgettaboudit chain 1410 and NY disc lock (Sold Secure Gold)
Kryptonite Corporation	NY Fahgettaboudit chain 1415 and NY disc lock (Sold Secure Gold)
PJB Security Products	Squire Ex-caliber 14mm security chain and Squire SS50CS Padlock (Sold Secure Gold)
PJB Security Products	Squire Ex-caliber SS65 16mm security chain and Squire SS65CS Padlock (Sold Secure Gold)
Henry Squire and Sons	TC16 Chain (Sold Secure Gold)
Henry Squire and Sons	TC19 Chain (Sold Secure Gold)
Henry Squire and Sons	TC3, TC4, TC6 Chain (SBD and Sold Secure Gold)
PJB Security Products	Untouchable 19mm security chain and Squire SS65CS Padlock (Sold Secure Gold)
PJB Security Products	Untouchable 19mm security chain and Untouchable lock (Sold Secure Gold)
Oxford Products	XL Hardcore (XL13 and XC13) padlock and chain (Thatcham TQA cat 3)
ABUS	Granit Extreme Plus 59 lock and chain (Thatcham TQA cat 3)
ABUS	Granit 58 12 KS black loop lock and chain (Thatcham TQA cat 3)
Bike It International Ltd	Mammoth chain with shackle lock LOCM0003 and LOCM007 (Thatcham TQA cat 3)
Milenco Ltd	Snaefell lock and 22mm chain (Sold Secure Gold)
Milenco Ltd	Colraine Padlock and Chain (Sold Secure Gold)
Milenco Ltd	Dundrod 12mm and 14mm chain (Sold Secure Gold)

Alarms and immobilisers:

If your vehicle does not have an integral alarm or immobiliser, it is well worth getting one fitted owing to their prevention value.

Datatool Ltd	S4-C1 Red (Thatcham TQA cat 1)
Triumph Motorcycles Ltd	Triumph by Datatool S4-C1 Red (Thatcham TQA cat 1)
Vestatec Distribution Ltd	M357T v2 (Thatcham TQA cat 1)

Alarm upgrades:

To enhance an existing alarm.

Meta System SpA	Def Com T (Thatcham TQA cat 2.1)
Datatool Ltd	Datatool S4 C221 Green (Thatcham TQA cat 2.1)

Vehicle Tracking and Location systems:

Tracking and location systems assist in the recovery of your vehicle should it be stolen.

Bike Trac	Bike Trac Motorcycle Tracking System (SBD and Thatcham TQA categories 6 and 7)
Bike Trac	Fleet Asset (Thatcham TQA cat 6)
Global Telemetrics	Smar Track Maxi Tracking System (Thatcham TQA cat S7)
Global Telemetrics	Smar Track Protector Pro Global (Thatcham TQA cat S7)
Tracker Network UK Ltd	Tracker Locate (Thatcham TQA cat 6)
Tracker Network UK Ltd	Tracker Vantage (Thatcham TQA cat S7)
Global Telemetrics	Autowatch Track and Trace 2 (Thatcham TQA cat S7)
Global Telemetrics	Motor Cycle Tracker (Thatcham TQA cat S7)
Swiftrak	Swiftrak (Thatcham TQA cat 6)
Phantom Ltd	Pro iii (Thatcham TQA cat 6)
Phantom Ltd	Bikeguard (Thatcham TQA cat 6)
Phantom Ltd	iTrack (Thatcham TQA cat 6)
Phantom Ltd	ITRACK2 OBD (Thatcham TQA cat 6)
Datatool Ltd	TrakKING – (Thatcham TQA cat 6)
Datatool Ltd	TrakKING Adventure (Thatcham TQA cat 6)
Scorpion Automotive Ltd	Scorpion Track HD (Thatcham TQA cat 6)
Scorpion Automotive Ltd	Scorpion Track Fleet Secure (Thatcham TQA cat 6)
Scorpion Automotive Ltd	Scorpion Track Fleet Secure HD (Thatcham TQA cat 6)
Global Telemetrics	Insure my Box one – (Thatcham TQA cat S7)
Vestatec Distribution Ltd	Meta Trak 6 (Thatcham TQA cat 6)
Vestatec Distribution Ltd	Defcom Trak (Thatcham TQA cat 6)
Vestatec Distribution Ltd	Yamaha Defcom Trak (Thatcham TQA cat 6)
Vestatec Distribution Ltd	Yamaha Trak 6 (Thatcham TQA cat 6)
Vestatec Distribution Ltd	Meta Trak 6 v2 (Thatcham TQA cat 6)
Gemini Security Direct UK Ltd	GTrack (Thatcham TQA cat 6)
Vodafone Automotive UK Ltd	MCD30 (Thatcham TQA cat 6)
Tracker Network UK Ltd	Tracker Retrieve (Thatcham TQA cat 7)
Tracker Network UK Ltd	Tracker Monitor (Thatcham TQA cat 7)
Tracker Network UK Ltd	Battery Powered Tracker Retrieve (Thatcham TQA cat 7)
Sure Track Europe Ltd	Sure Track MT3 (Thatcham TQA cat 7)
Vestatec Distribution Ltd	Meta Trak 5 (Thatcham TQA cat S5)
Vestatec Distribution Ltd	Meta Trak S5 V2 (Thatcham TQA cat S5)
Teletrac Navman UK Ltd	Trackstar Vehicle Tracking (Thatcham TQA cat S5)
Global Telemetrics Ltd	Clifford Connect 5 (Thatcham TQA cat S5)
Global Telemetrics Ltd	SmarTrack 5 DRS (Thatcham TQA cat S5)
Global Telemetrics Ltd	SmarTrack 5 DRST (Thatcham TQA cat S5)
Global Telemetrics Ltd	SmarTrack 5 (Thatcham TQA cat S5)
Global Telemetrics Ltd	Autowatch Track and Trace 5 DRS (Thatcham TQA cat S5)
Global Telemetrics Ltd	Autowatch Track and Trace 5 DRST (Thatcham TQA cat S5)
Global Telemetrics Ltd	Autowatch Track and Trace 5 (Thatcham TQA cat S5)
Vodafone Automotive UK Ltd	MCD30 VTS (Thatcham TQA cat S5)

Property marking systems and security labels:

The use of any property marking or labelling system makes the disposal of stolen goods difficult for a thief and can help police identify and restore stolen items. Advertising the use of these systems on your vehicle can also act as a deterrent to thieves.

Datatag ID System	Motorcycle System 2009 (SBD and Thatcham TQA)
Datatag ID System	Scooter System (SBD and Thatcham TQA)
Datatag ID System	ATV System (Thatcham TQA)
Datatag ID System	CESAR Compact System (SBD and Thatcham TQA)
Datatag ID System	MASTER Security System (Thatcham TQA)
Retainagroup Ltd	Vehicle Marking System (SBD)
Secured	Vehicle and Property DNA marking system (SBD)
Selectamark	Plastic Marking Compound Tube (Thatcham TQA)
Selectamark	Plastic Marking Compound Bottle (Thatcham TQA)
Selectamark	Metal Marking Compound (Thatcham TQA)
Selectamark	Selecta DNA/Dot Forensic Marking System (SBD and Thatcham TQA)
Selectamark	ATV Security System (SBD and Thatcham TQA)
Selectamark	Universal Security System (Thatcham TQA)
Selectamark	QR code security label – (Thatcham TQA)
Selectamark	Tesa and TesaMark security label – (Thatcham TQA)
Selectamark	Motorcycle, Scooter and Moped Security System (SBD and Thatcham TQA)
Selectamark	Off Road and Quad Bike Security System – (Thatcham TQA)
SmartWater	Forensic Spray System (SBD)
SmartWater	Property Marking Solution (SBD)
SmartWater	SmartWater High Temperature Marker (SBD)

Tamper proof screws to prevent number plate theft:

Use one way clutch head tamper proof screws, preferably size 10 or 12. Widely available in hardware stores or online. Reinforce with strong adhesive.

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