Incorrect or out of phase engine timing can result in damage to the valves. The Tool Connection cannot be held responsible for any damage caused by using these tools in anyway.

### Safety Precautions - Please read

- Disconnect the battery earth leads (check radio code is available)
- Remove spark or glow plugs to make the engine turn easier
- Do not use cleaning fluids on belts, sprockets or rollers
- Always make a note of the route of the auxiliary drive belt before removal
- Turn the engine in the normal direction (clockwise unless stated otherwise)
- Do not turn the camshaft, crankshaft or diesel injection pump once the timing chain has been removed (unless specifically stated)
- Do not use the timing chain to lock the engine when slackening or tightening crankshaft pulley bolts
- Do not turn the crankshaft or camshaft when the timing belt/chain has been removed
- Mark the direction of the chain before removing

- It is always recommended to turn the engine slowly, by hand and to re-check the camshaft and crankshaft timing positions.
- Crankshafts and Camshafts may only be turned with the chain drive mechanism fully installed.
- Do not turn crankshaft via camshaft or other gears
- Check the diesel injection pump timing after replacing the chain
- Observe all tightening torques
- Always refer to the vehicle manufacturer's service manual or a suitable proprietary instruction book
- Incorrect or out of phase engine timing can result in damage to the valves
- It is always recommended to turn the engine slowly, by hand, and to re-check the camshaft and crankshaft timing positions



recycle
When you have bashed

www.lasertools.co.uk

Distributed by The Tool Connection Ltd Kineton Road, Southam, Warwickshire CV47 0DR T+44 (0) 1926 815000 F+44 (0) 1928 815888 Guarantee

If this product fails through faulty materials or workmanship, contact our service department direct on: +44 (0) 1926 818186. Normal wear and tear are serviced as a consequent of the contact of the con

# www.lasertools.co.uk

Incorrect or out of phase engine timing can result in damage to the valves. The Tool Connection cannot be held responsible for any damage caused by using these tools in anyway.

### Safety Precautions - Please read

- Disconnect the battery earth leads (check radio code is available)
- Remove spark or glow plugs to make the engine turn easier
- Do not use cleaning fluids on belts, sprockets or rollers
- Always make a note of the route of the auxiliary drive belt before removal
- Turn the engine in the normal direction (clockwise unless stated otherwise)
- Do not turn the camshaft, crankshaft or diesel injection pump once the timing chain has been removed (unless specifically stated)
- Do not use the timing chain to lock the engine when slackening or tightening crankshaft pulley bolts
- Do not turn the crankshaft or camshaft when the timing belt/chain has been removed
- Mark the direction of the chain before removing

- It is always recommended to turn the engine slowly, by hand and to re-check the camshaft and crankshaft timing positions.
- Crankshafts and Camshafts may only be turned with the chain drive mechanism fully installed.
- Do not turn crankshaft via camshaft or other gears
- Check the diesel injection pump timing after replacing the chain
- Observe all tightening torques
- Always refer to the vehicle manufacturer's service manual or a suitable proprietary instruction book
- Incorrect or out of phase engine timing can result in damage to the valves
- It is always recommended to turn the engine slowly, by hand, and to re-check the camshaft and crankshaft timing positions



recycle

www.lasertools.co.ul

Distributed by The Tool Connection Ltd

Kineton Road, Southam, Warwickshire CV47-0DR

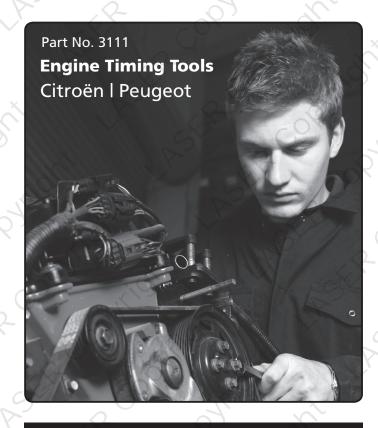
T +44 (0) 1926 815000 F +44 (0) 1926 815888

#### Guarante

If this product fails through faulty materials or workmanship, contact our service department direct on: +44 (0) 1926 818186. Normal wear and tear are excluded as are consumable items and abuse.

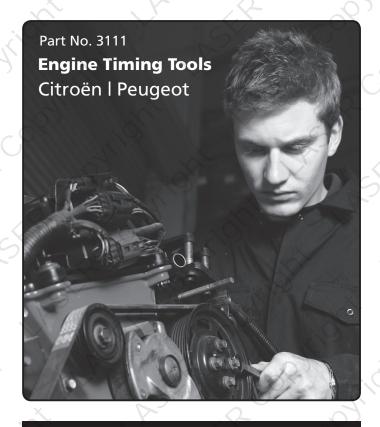
# www.lasertools.co.uk

# **LASER**®



www.lasertools.co.uk

# **LASER**®



www.lasertools.co.uk

# **Plan Layout**



	Ref	Code	Oem Ref	Description
	<b>A</b> .	C208	4507 TJ	Tensioning Tool 8mm Sq
	В	C038	4507 TA I 0132 QZ	Crankshaft Timing Pin 6mm
7	c	C039	4507 TB   7014 TN 0132 R   0153 AA   0153 G	Crankshaft Timing Pin (2)
	D	C040	KM 955	Crankshaft Timing Pin (2)

www.lasertools.co.uk

## **Plan Layout**



Ref	Code	Oem Ref	Description	
Α	C208	4507 TJ	Tensioning Tool 8mm Sq	
В	C038	4507 TA   0132 QZ	Crankshaft Timing Pin 6mm	
С	C039	4507 TB   7014 TN 0132 R   0153 AA   0153 G	Crankshaft Timing Pin (2)	
D	C040	KM 955	Crankshaft Timing Pin (2)	

vw.lasertools.co.uk

**Applications** 

The application list for this product has been compiled cross referencing the OEM Tool Code with the Component Code.

In most cases the tools are specific to this type of engine and are necessary for Cam belt or chain maintenance.

If the engine has been identified as an interference engine valve to piston damage will occur if the engine is run with a broken Cam belt.

A compression check of all cylinders should be performed before removing the cylinder head.

Always consult a suitable work shop manual before attempting to change the Cam belt or Chain.

The use of these engine timing tools is purely down to the user's discretion and The Tool Connection cannot be held responsible for any damage caused what so ever.

### ALWAYS USE A REPUTABLE WORKSHOP MANUAL

Manufacturer	Mode	Туре	Engine Code	Year
Citroën	AX AX GTI ZX BX C15	1.0 1.1 1.4	CDY   CDZ   C1A   HDY HDZ   H1A   KDX   KDY KDZ   KFY   KFZ   K1A K1F   K1G   K2A   K2B K2D   K3A   K6B   M4A	1986-94
971	BX 15 16 19 Visa Gti ZX	1.6 1.9	BAY I B1A/A I B1E B1F I B4A I B6D I B6E BDYI DDZ I DFZ I DKZ D2A I D2E I D2C I D2F D6A I D6D I D6E I 159A 171B I 171C I 171D 180D I 180Z	1982-94
-0	BX Saxo 16V	1.6	NFX	1997
Peugeot	106   205 309   405	1.0   1.1   1.4	TU1 2 3 9	1987-94
2	205   305 309   405	1.6 1.9	XU5-171B   180A B1E   B6D XU9-D2A/D D6A   D6B	1984-92
, Q	309 Gti 16 405 Mi 16	1.6	X12XE	1987-94

www.lasertools.co.uk

# **Applications**

The application list for this product has been compiled cross referencing the OEM Tool Code with the Component Code.

In most cases the tools are specific to this type of engine and are necessary for Cam belt or chain maintenance.

If the engine has been identified as an interference engine valve to piston damage will occur if the engine is run with a broken Cam belt.

A compression check of all cylinders should be performed before removing the cylinder head.

Always consult a suitable work shop manual before attempting to change the Cam belt or Chain.

The use of these engine timing tools is purely down to the user's discretion and The Tool Connection cannot be held responsible for any damage caused what so ever.

### ALWAYS USE A REPUTABLE WORKSHOP MANUAL

Manufacturer	Mode	Туре	Engine Code	Year
Citroën	AX AX GTi ZX BX C15	1.0 1.1 1.4	CDY   CDZ   C1A   HDY HDZ   H1A   KDX   KDY KDZ   KFY   KFZ   K1A K1F   K1G   K2A   K2B K2D   K3A   K6B   M4A	1986-94
SER	BX 15 16 19 Visa Gti ZX	1.6 1.9	BAY I B1A/A   B1E B1F   B4A   B6D   B6E BDYI DDZ   DFZ   DKZ D2A   D2E   D2C   D2F D6A   1D6D   D6E   159A 171B   171C   171D 180D   180Z	1982-94
	BX Saxo 16V	1.6	NFX	1997
Peugeot	106   205 309   405	1.0   1.1   1.4	TU1 2 3 9	1987-94
	205   305 309   405	1.6 1.9	XU5-171B   180A B1E   B6D XU9-D2A/D D6A   D6B	1984-92
	309 Gti 16 405 Mi 16	1.6	X12XE	1987-94

www.lasertools.co.uk