

1900200

sport

Fiat 128 128

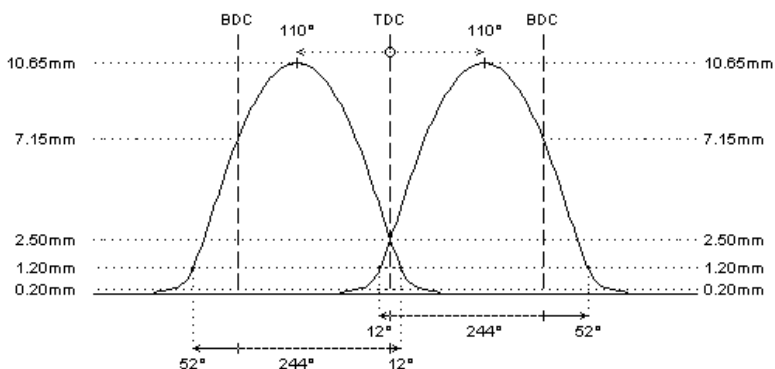
I-4cyl 1.3L 8v SOHC (DTs/DTs)



| | intake | exhaust |
|-----------------------|---------------|---------------|
| camshaft data: | | |
| lash ramp | : 0.20mm | 0.20mm |
| duration @ 0.1mm | : 280° | 280° |
| duration @ 1.0mm | : 244° | 244° |
| valve lift | : 10.65mm | 10.65mm |
| cam lift | : 10.65mm | 10.65mm |
| lobe angle | : 110° | 110° |
| timing @ 1.0mm | : 12° / 52° | 52° / 12° |
| valve lift @ TDC | : 2.50mm | 2.50mm |
| parts setup: | | |
| cam wheels : | : | : |
| follower | : O.E.M. | : O.E.M. |
| valve lash | : O.E.M. | : O.E.M. |
| valve | : O.E.M. | : O.E.M. |
| valve locks | : O.E.M. | : O.E.M. |
| upper retainer | : O.E.M. | : O.E.M. |
| lower retainer | : O.E.M. | : O.E.M. |
| exterior spring | : O.E.M. | : O.E.M. |
| interior spring | : | : |
| fitted load / length | : 0kg @ 0.0mm | : 0kg @ 0.0mm |
| max. load / lift | : 0kg @ 0.0mm | : 0kg @ 0.0mm |

REMARKS :

original valve spring info is not available

**REMARKS :**

All camshafts have sleeve for distributor drive. X1/9 type camshafts with spline drive are NOT available

sport version for Fiat128 and for OEM camshafts from 9mm to 9.7mm OEM camlift.

1900203

sport

Fiat 128 128

I-4cyl 1.3L 8v SOHC (DTs/DTs)



| | |
|---------------|----------------|
| intake | exhaust |
|---------------|----------------|

camshaft data:

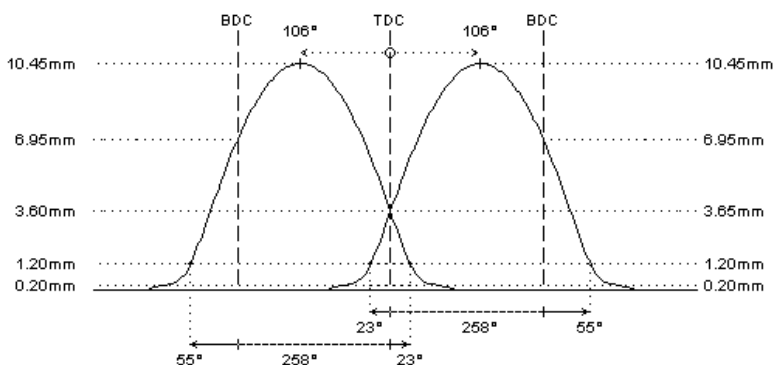
| | | |
|------------------|-------------|-----------|
| lash ramp | : 0.20mm | 0.20mm |
| duration @ 0.1mm | : 299° | 299° |
| duration @ 1.0mm | : 258° | 258° |
| valve lift | : 10.45mm | 10.45mm |
| cam lift | : 10.45mm | 10.45mm |
| lobe angle | : 106° | 106° |
| timing @ 1.0mm | : 23° / 55° | 55° / 23° |
| valve lift @ TDC | : 3.65mm | 3.60mm |

parts setup:

| | | |
|----------------------|---------------|---------------|
| cam wheels : | : CTFI035 | : |
| follower | : O.E.M. | : O.E.M. |
| valve lash | : O.E.M. | : O.E.M. |
| valve | : O.E.M. | : O.E.M. |
| valve locks | : O.E.M. | : O.E.M. |
| upper retainer | : O.E.M. | : O.E.M. |
| lower retainer | : O.E.M. | : O.E.M. |
| exterior spring | : O.E.M. | : O.E.M. |
| interior spring | : | : |
| | | |
| fitted load / length | : 0kg @ 0.0mm | : 0kg @ 0.0mm |
| max. load / lift | : 0kg @ 0.0mm | : 0kg @ 0.0mm |

REMARKS :

original valve spring info is not available

**REMARKS :**

- # All camshafts have sleeve for distributor drive. X1/9 type camshafts with spline drive are NOT available
- # FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
 - the camshafts must turn smooth in the cylinderhead, provide free travel by machining where needed
 - distance between valve seal and retainer at full lift must be 0.6mm at least
 - minimum valve spring travel of 1.0mm at full lift must be provided
 - distance between valve and piston 1.0mm (pref. 1.5mm). check 5-15° before TDC on exhaust, and after TDC on intake
- # ONLY for dirt track applications and pro street use with adjustable engine management or carburetors

1900209

hot street - dirt track

Fiat 128 128

I-4cyl 1.3L 8v SOHC (DTs/DTs)



| | |
|---------------|----------------|
| intake | exhaust |
|---------------|----------------|

camshaft data:

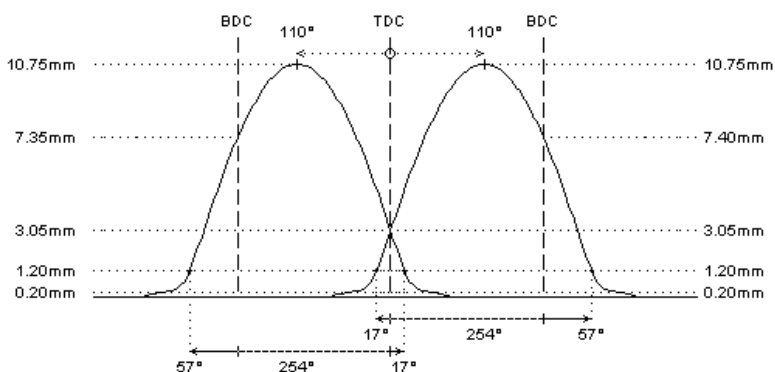
| | | |
|------------------|-------------|-----------|
| lash ramp | : 0.20mm | 0.20mm |
| duration @ 0.1mm | : 291° | 291° |
| duration @ 1.0mm | : 254° | 254° |
| valve lift | : 10.75mm | 10.75mm |
| cam lift | : 10.75mm | 10.75mm |
| lobe angle | : 110° | 110° |
| timing @ 1.0mm | : 17° / 57° | 57° / 17° |
| valve lift @ TDC | : 3.05mm | 3.05mm |

parts setup:

| | | |
|----------------------|---------------|---------------|
| cam wheels : | : CTFI035 | : |
| follower | : O.E.M. | : O.E.M. |
| valve lash | : O.E.M. | : O.E.M. |
| valve | : O.E.M. | : O.E.M. |
| valve locks | : O.E.M. | : O.E.M. |
| upper retainer | : O.E.M. | : O.E.M. |
| lower retainer | : O.E.M. | : O.E.M. |
| exterior spring | : O.E.M. | : O.E.M. |
| interior spring | : | : |
| | | |
| fitted load / length | : 0kg @ 0.0mm | : 0kg @ 0.0mm |
| max. load / lift | : 0kg @ 0.0mm | : 0kg @ 0.0mm |

REMARKS :

original valve spring info is not available

**REMARKS :**

- # All camshafts have sleeve for distributor drive. X1/9 type camshafts with spline drive are NOT available
- # FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
 - the camshafts must turn smooth in the cylinderhead, provide free travel by machining where needed
 - distance between valve seal and retainer at full lift must be 0.6mm at least
 - minimum valve spring travel of 1.0mm at full lift must be provided
 - distance between valve and piston 1.0mm (pref. 1.5mm). check 5-15° before TDC on exhaust, and after TDC on intake
- # ONLY for dirt track applications and pro street use with adjustable engine management or carburetors

1900213

sport

Fiat 128 128

I-4cyl 1.3L 8v SOHC (DTs/DTs)



| | |
|---------------|----------------|
| intake | exhaust |
|---------------|----------------|

camshaft data:

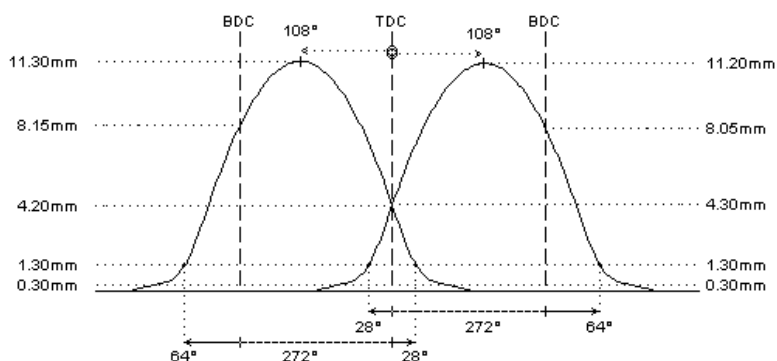
| | | |
|------------------|-------------|-----------|
| lash ramp | : 0.30mm | 0.30mm |
| duration @ 0.1mm | : 324° | 324° |
| duration @ 1.0mm | : 272° | 272° |
| valve lift | : 11.20mm | 11.30mm |
| cam lift | : 11.20mm | 11.30mm |
| lobe angle | : 108° | 108° |
| timing @ 1.0mm | : 28° / 64° | 64° / 28° |
| valve lift @ TDC | : 4.30mm | 4.20mm |

parts setup:

| | | |
|----------------------|------------------|------------------|
| cam wheels : | : CTFI035 | : |
| follower | : O.E.M. | : O.E.M. |
| valve lash | : O.E.M. | : O.E.M. |
| valve | : O.E.M. | : O.E.M. |
| valve locks | : O.E.M. | : O.E.M. |
| upper retainer | : O.E.M. | : O.E.M. |
| lower retainer | : O.E.M. | : O.E.M. |
| exterior spring | : PAC-E95009 | : PAC-E95009 |
| interior spring | : PAC-I95009 | : PAC-I95009 |
| fitted load / length | : 35kg @ 35.0mm | : 35kg @ 35.0mm |
| max. load / lift | : 111kg @ 14.0mm | : 111kg @ 14.0mm |

REMARKS :

if required, machine cylinder head and / or use solid shims to adjust spring load

**REMARKS :**

- # All camshafts have sleeve for distributor drive. X1/9 type camshafts with spline drive are NOT available
- # FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
 - the camshafts must turn smooth in the cylinderhead, provide free travel by machining where needed
 - distance between valve seal and retainer at full lift must be 0.6mm at least
 - minimum valve spring travel of 1.0mm at full lift must be provided
 - distance between valve and piston 1.0mm (pref. 1.5mm). check 5-15° before TDC on exhaust, and after TDC on intake
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors

1900220

sport

Fiat 128 128

I-4cyl 1.3L 8v SOHC (DTs/DTs)



| | intake | exhaust |
|--|--------|---------|
|--|--------|---------|

camshaft data:

| | | |
|------------------|------------|-----------|
| lash ramp | : 0.40mm | 0.35mm |
| duration @ 0.1mm | : 289° | 284° |
| duration @ 1.0mm | : 229° | 219° |
| valve lift | : 10.10mm | 9.05mm |
| cam lift | : 10.10mm | 9.05mm |
| lobe angle | : 110° | 110° |
| timing @ 1.0mm | : 5° / 44° | 40° / -1° |
| valve lift @ TDC | : 1.95mm | 1.25mm |

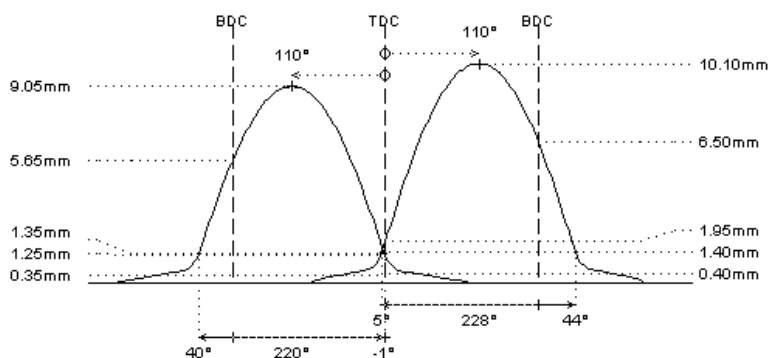
parts setup:

| | | |
|-----------------|----------|----------|
| cam wheels : | : | : |
| follower | : O.E.M. | : O.E.M. |
| valve lash | : O.E.M. | : O.E.M. |
| valve | : O.E.M. | : O.E.M. |
| valve locks | : O.E.M. | : O.E.M. |
| upper retainer | : O.E.M. | : O.E.M. |
| lower retainer | : O.E.M. | : O.E.M. |
| exterior spring | : O.E.M. | : O.E.M. |
| interior spring | : | : |

| | | |
|----------------------|---------------|---------------|
| fitted load / length | : 0kg @ 0.0mm | : 0kg @ 0.0mm |
| max. load / lift | : 0kg @ 0.0mm | : 0kg @ 0.0mm |

REMARKS :

original valve spring info is not available

**REMARKS :**

- # All camshafts have sleeve for distributor drive. X1/9 type camshafts with spline drive are NOT available
- # sport version for the Punto1400, Uno turbo, Uno605, Tipo 1600 and to replace camshafts with 8mm or 8.8mm OEM camlift.
note: some Uno Turbo versions have 9.5mm intake camlift, for these engines use camshafts ref.1900229

1900229

turbo conversion

Fiat 128 128

I-4cyl 1.3L 8v SOHC (DTs/DTs)



| | |
|---------------|----------------|
| intake | exhaust |
|---------------|----------------|

camshaft data:

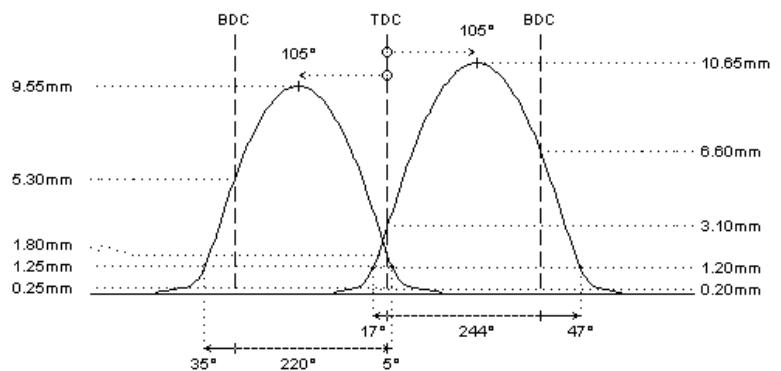
| | | |
|------------------|-------------|----------|
| lash ramp | : 0.20mm | 0.25mm |
| duration @ 0.1mm | : 280° | 256° |
| duration @ 1.0mm | : 244° | 220° |
| valve lift | : 10.65mm | 9.55mm |
| cam lift | : 10.65mm | 9.55mm |
| lobe angle | : 105° | 105° |
| timing @ 1.0mm | : 17° / 47° | 35° / 5° |
| valve lift @ TDC | : 3.10mm | 1.80mm |

parts setup:

| | | |
|----------------------|---------------|---------------|
| cam wheels : | : CTFI035 | : |
| follower | : O.E.M. | : O.E.M. |
| valve lash | : O.E.M. | : O.E.M. |
| valve | : O.E.M. | : O.E.M. |
| valve locks | : O.E.M. | : O.E.M. |
| upper retainer | : O.E.M. | : O.E.M. |
| lower retainer | : O.E.M. | : O.E.M. |
| exterior spring | : O.E.M. | : O.E.M. |
| interior spring | : | : |
| | | |
| fitted load / length | : 0kg @ 0.0mm | : 0kg @ 0.0mm |
| max. load / lift | : 0kg @ 0.0mm | : 0kg @ 0.0mm |

REMARKS :

original valve spring info is not available

**REMARKS :**

- # All camshafts have sleeve for distributor drive. X1/9 type camshafts with spline drive are NOT available
- # FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
 - the camshafts must turn smooth in the cylinderhead, provide free travel by machining where needed
 - distance between valve seal and retainer at full lift must be 0.6mm at least
 - minimum valve spring travel of 1.0mm at full lift must be provided
 - distance between valve and piston 1.0mm (pref. 1.5mm). check 5-15° before TDC on exhaust, and after TDC on intake
- # ONLY for dirt track applications and pro street use with adjustable engine management or carburetors
- # for TURBO conversion (atmospheric to turbo)