

# Renault Clio III 197/200 Sport Camshaft 5504401

**Brand:** Cat Cams  
**Product Code:** CAT5504401  
**Availability:** 7 Days  
**Weight:** 4.00kg  
**Dimensions:** 50.00cm x 15.00cm x  
10.00cm

**Price: \$1,732.50**

## Short Description

Sporty road/track profile ideal for use with our reflashed stock ECU or Delta 800 replacement ECU. FIA GrN legal camshaft.

For best results an aftermarket ECU will be needed, contact us for more details.

## Description

### Application

Renault F4R.830 Clio III (VVT in, 197hp)

I-4cyl 2.0L 16v DOHC (RPRH/RPRH)

## Specifications

**5504401**

F.I.A.

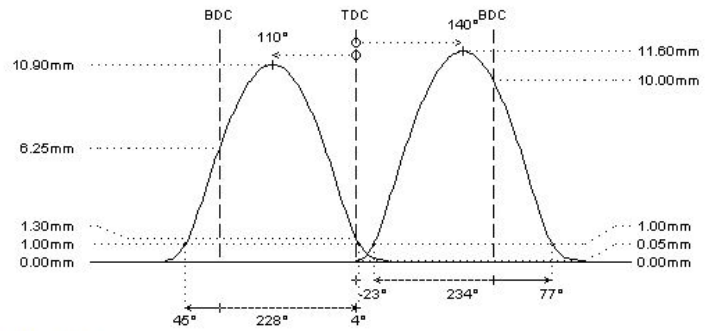
Renault F4R.830 Clio III (VVT in, 197hp)  
I-4cyl 2.0L 16v DOHC (RPRH/RPRH)

|                       | intake       | exhaust  |
|-----------------------|--------------|----------|
| <b>camshaft data:</b> |              |          |
| lash ramp             | : hydro      | hydro    |
| duration @ 0.1mm      | : 287°       | 282°     |
| duration @ 1.0mm      | : 234°       | 229°     |
| valve lift            | : 11.60mm    | 10.90mm  |
| cam lift              | : 5.85mm     | 5.50mm   |
| lobe angle            | : 140°       | 110°     |
| timing @ 1.0mm        | : -23° / 77° | 45° / 4° |
| valve lift @ TDC      | : 0.05mm     | 1.30mm   |

**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 | : 29kg @ 34.5mm | : 31kg @ 34.0mm |
| max. load / lift     | : 69kg @ 11.5mm | : 69kg @ 11.0mm |

**REMARKS :****REMARKS :**

- # - camshafts for use with VVT on intake (like original)
- adjustable sensor ring [ref. 93-55001] on intake camshaft included
- # The VVT system on the intake camshaft changes the cam timing continuously (and so the lift at TDC):
  - 1st intake valve: 140° (disengaged) // 97° (engaged)
  - 2nd intake valve: 144° (disengaged) // 101° (engaged)
  - 1st exhaust valve: 110° (no VVT)
  - 2nd exhaust valve: 106° (no VVT)
 The centerlines are identical to the original camshafts.  
Please make sure there is enough distance between valve and piston when the VVT system is engaged.
- # ECU reprogramming required

**Specification**

| Make    |                |
|---------|----------------|
| Renault | Clio Sport 172 |
| Renault | Clio Sport 182 |