

HQ-TC-103-ST Twin Cam 103 Sport Touring 10.5:1 compression ratio

Cross off items not required

HEAD WORK

- 1) **HQK-L-TC/EV-S3** (all cylinder head labor, porting, radiused valve job, chamber blend & decking)
- 1) **HQK-P-TC/EV-S3** (all new parts in cylinder heads, valves, guides, seals, spring assemblies)
- 1) **HQ-7000-E** glassbead carbon out of heads
- 1) **HQ-7008-B** Machine 2 decompression holes
- 1) **HQ-3600** Decompression valves (2) AKA compression releases
- 2) **HQ-4527** Gaskets, head, .027" thick MLS type
- 1) **HQ-HEAD-BOARD** Fin Protector (heads bolted to this for shipping)

CYLINDER WORK

- 1) **HQ-7100-I** Bore stock (3.750") TC cylinders to 3.875"
- 1) **HQ-7102-C** Glassbead carbon off tops of cylinders
- 1) **HQ-CYL-BOARD** Fin Protector (cylinders bolted to this for shipping)
- 1) **HQ-8-5164** Pistons, forged, 3cc domes

RECOMMENDED PARTS

- 1) **HQ-4055** Pushrods, adjustable EZ install type
- 1) **HQ-4075** Covers, used with EZ install pushrods for more adjustment room
- 4) **HQ-4225** Hydraulic lifters, Black Ops type
- 1) **17033-99** James rocker cover gasket and seal set

Optional Parts (not required)

- 1) **HQ-32679** Show off your build with a Head Quarters timing cover
- 1) **HQ-4600** Roller Rockers

Cam Choices as per drive type and appropriate year

- 1) **HQ-TC-575-HC** Cam, chain drive 2007-up models including 2006 Dyna
- 1) **HQ-TC-575** Cam, chain drive 1999-06 models (except 2006 Dyna)
- 1) **HQ-TC-575-G** Cam, gear drive 1999-06 models (except 2006 Dyna)
- 1) **AP-288901** Kit, gear drive install
- 1) **AP-288908** Kit, gear drive, 1999-06 (except '06 Dyna)

Additional parts for carburetor equipped models

- 1) **HQ-7025-A** Port, intake manifold (send us your manifold)
- 1) **HQ-2525** Jet Kit, for CV40 includes jets and needle
- 1) **HQ-6100** Ignition, preprogrammed for 1999-03 models
- 1) **HQ-6104** Ignition, preprogrammed for 2004 & later

Additional parts for EFI models

- 1) **HQ-6500** Pro Tuner, 2002-early '05 models and '01 Softails
- 1) **HQ-6505** Pro Tuner, 2005 -06 Softail, FLT & FLH and late '05 Dyna
- 1) **HQ-6515** Pro Tuner, 2006 - '08 all models except '08 FLs (fly by wire)
- 1) **HQ-6520** Pro Tuner, 2008 FL models (fly by wire)

Name _____

Day time phone# _____

Email or FAX _____

Year and Model _____

Do you want us to supply cores for the job? _____

Head & Cylinder Core color required (black or silver) _____