

# ***Holeshot Racing***

## **H3 - 4 Cylinder 1175cc Turbo prices and specifications**

**Other stroke cranks available to allow 1300cc, 1340cc, 1381cc, 1475cc**

### **H3 1175cc (57mm stroke x 81mm bore) Engine**

#### **Holeshot / Suzuki Parts detailed below:-**

- Gen 1 (<08) Cylinder head complete with valves, valve buckets, shims, etc
  - Rocker cover and seals
  - Suzuki cams
  - Adjustable cam sprockets
  - Cylinder barrel
  - Throttle bodies
  - 600cc injectors and adaptors and connectors
  - Cam cover, seals, inlet rubbers, gaskets, clamps, etc
  - CP Custom Pistons
  - Cylinder base shim plate with O-ring seals
  - Heavy duty 12mm cylinder studs
  - Ignition coils
- |              |                  |
|--------------|------------------|
| <b>Total</b> | <b>£4,500.00</b> |
|--------------|------------------|

#### **Hartley / Holeshot bottom end , dry sumped, with all performance parts as detailed below:-**

- 7075 Billet crankcase, dry sump, front cover and rear cover
  - 60 amp mini race alternator
  - Flywheel for 5.5"
  - 57mm 4340 billet and nitrided crank with 42mm journals
  - Carrillo Custom H beam connecting rods
  - Ark starter motor
  - Heavy duty 12mm cylinder studs
  - Cam chain, crank drive sprocket, side chain guides.
  - Custom rear engine plate to match customer bellhousing.
  - Billet sump with oil scavenge filters.
  - Dailey 4 stage scavenge dry sump pump and fittings.
- |              |                   |
|--------------|-------------------|
| <b>Total</b> | <b>£14,500.00</b> |
|--------------|-------------------|

#### **Engine labour**

- Complete engine labour to fully build
- |              |                |
|--------------|----------------|
| <b>Total</b> | <b>£600.00</b> |
|--------------|----------------|

**Parts and Labour Total      £19,600.00**

### **Stage 1 Turbo 400hp / 200ftlbs torque**

- Garrett GT30-76R turbo
  - Header / manifold
  - Aluminium airbox plenum inc silicone joiners and clips to throttle bodies
  - Turbosmart 40mm V band external wastegates
  - Turbosmart 50mm race Blow off Valve
  - Oil Feed hose and Oil Return hose to and from turbo
- |              |                  |
|--------------|------------------|
| <b>Total</b> | <b>£2,310.00</b> |
|--------------|------------------|

### **Stage 2 Turbo 500hp / 250ftlbs torque**

#### **as above plus parts listed below:**

- Upgrade to Garrett GTX billet wheeled turbo
  - Kent camshafts
  - Heavy duty valve springs
  - Valve shims
- |              |                |
|--------------|----------------|
| <b>Total</b> | <b>£540.00</b> |
|--------------|----------------|

### **Dyno and Engine Testing**

- Bench test, run in and base map inc fuel, oil, consumables
  - Engine dyno test and fully map ecu, inc fuel, oil, consumables
- |                |
|----------------|
| <b>£200.00</b> |
| <b>£400.00</b> |

**Engine Management Options continued on next page**

## Engine Management Options

### Option 1: Motec M84

|   |                  |
|---|------------------|
| M84 ECU 13084 (lambda enabled standard)                                 | £1,190.00        |
| Quad Channel Ignition Amplifier (dual connector) 41204                  | £180.00          |
| 3 bar MAP sensor  | £60.00           |
| UTC to CAN (pc connection) 61059  | £160.00          |
| wiring harness  | £500.00          |
| Advanced Functions 27104 (upgrade for traction control, flatshift, etc) | £300.00          |
| Bosch LSU lambda sensor   | £80.00           |
| 6stage boost control valve and rotary switch controlled by ecu          | 120.00           |
| <b>Total</b>  | <b>£2,590.00</b> |

### Option 2: Motec M400

|   |                  |
|---|------------------|
| M84 ECU 13084 (lambda enabled standard)                                 | £1,460.00        |
| Quad Channel Ignition Amplifier (dual connector) 41204                  | £180.00          |
| 3 bar MAP sensor  | £60.00           |
| UTC to CAN (pc connection) 61059  | £160.00          |
| wiring harness  | £500.00          |
| Advanced Functions 27104 (upgrade for traction control, flatshift, etc) | £300.00          |
| Wideband lambda upgrade   | £290.00          |
| Bosch LSU lambda sensor   | £80.00           |
| 6stage boost control valve and rotary switch controlled by ecu          | 120.00           |
| <b>Total</b>  | <b>£3,150.00</b> |

### Option 3: Life/Syvecs S6

|   |                  |
|---|------------------|
| S6 ECU (lambda, knock control, gearbox control, boost control enabled standard) | £1,350.00        |
| Quad Channel Ignition Amplifier (dual connector) 41204                          | £170.00          |
| 3 bar MAP sensor  | £60.00           |
| wiring harness  | £500.00          |
| Twin Bosch LSU lambda sensors   | £160.00          |
| Mapping Communications lead   | 10.00            |
| 6stage boost control valve and rotary switch controlled by ecu                  | 120.00           |
| <b>Total</b>  | <b>£2,370.00</b> |

All prices exclude VAT

## CC / Power / Torque Options:-

### 1175cc

Stage 1 Turbo 400hp / 200ftlbs torque

Stage 2 Turbo 500hp / 250ftlbs torque

### 1299cc

Stage 1 Turbo 450hp / 220ftlbs torque

Stage 2 Turbo 550hp / 270ftlbs torque

### 1340cc

Stage 1 Turbo 475hp / 225ftlbs torque

Stage 2 Turbo 525hp / 275ftlbs torque

### 1381cc

Stage 1 Turbo 500hp / 230ftlbs torque

Stage 2 Turbo 600hp / 280ftlbs torque

### 1475cc

Stage 1 Turbo 525hp / 240ftlbs torque

Stage 2 Turbo 625hp / 290ftlbs torque

