S/R TORQUER
Technical Information
High Performance Cast Iron Cylinder Heads
for 265-400 (first generation) small block Chevy engines

FREQUENTLY ASKED QUESTIONS

S/R TORQUER FLOW NUMBERS: @ 28° H° Unmodified:
.500 Lift: INTAKE: 221 cfm / EXHAUST: 166 cfm
.400 Lift: INTAKE: 205 cfm / EXHAUST: 156 cfm

VALVES: Stock length small block Chevy specifications
1.250" SINGLE SPRING: Maximum Lift: .560"
Maximum Height: 1.820" Pressure: 100Lbs Closed / 200 Open
1.440" DOUBLE SPRING: Maximum Lift: .600"
Maximum Height: To customer specs
Pressure: to customer specs

COMPRESSION: Mill roughly 10cc for each compression point.
.042" = 6.5cc
.007"/cc

DRILL STEAM HOLES ON 400 ENGINES

On 400 blocks, it's necessary to drill six 1/8" steam holes as shown. Turn each head upside down. Use an old 400 head gasket as a template. Drill the three holes on the intake side of each head at 30°. Drill remaining three holes straight down towards top of head.

S/R TORQUER REPLACEMENT PARTS

2.020" S/R Torquer Intake Valve (ea) ................................. 800005
1.600" Exhaust Valve (ea) ........................................... 800004
1.250" Valve Spring (ea) ........................................... 830000
1.440" Optional Valve Spring (ea) ................................. 830007
7" 1.250" Retainer (ea) ........................................... 831100
10" 1.440" Retainer (ea) ........................................... 831102
7" Lock (ea) ......................................................... 831001
10" Lock (ea) ......................................................... 831004

UMBRELLA VALVE SEAL (ea) ........................................... 831300
Optional Viton Seal (ea) .................................................. 831302

Screw-in Rocker Studs/3-8 (ea) ........................................... 831500

CARB EXEMPTION:
S/R Torquer cylinder heads are 50 state legal as stock replacement parts. No E.O. number or certification stickers are applicable.

INTAKE MANIFOLD RECOMMENDATION

The World Products Dart II™ Sportsman intake manifold is a perfect match for your new S/R Torquer cylinder heads. The dual plane design is ideal for street/strip carbureted 265-400 small block Chevy applications. It offers an extra wide 1500-6500 power band. Ask your dealer for World part #061010.

WORLD PRODUCTS, INC.
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