



LS3 BLACK LABEL HEAD - MEDIUM BORE

BLACK LABEL 255CC MEDIUM BORE LS3

BLACK LABEL - LS3 255CC 4.000"(+) BORE

AVAILABLE PART NUMBERS

- CH-LSX-600189 - BARE HEAD (SINGLE)
- CH-LSX-600210 - HEAD (PAIR) W/ STAINLESS STEEL VALVES
- CH-LSX-600237 - HEAD (PAIR) W/ TITANIUM INTAKE & STAINLESS STEEL EXHAUST

AIRFLOW CFM DATA

CH-LSX-600189 - LS3 255CC - 4.000"(+) BORE

Port Location	0.100	0.200	0.300	0.400	0.500	0.600	0.700
INTAKE	70	139	205	263	311	345	370
EXHAUST	53	101	139	196	220	235	243



CYLINDER HEAD SPECS

DIMENSION SPECS

- BORE SIZE: **4.000"**
- WEIGHT: **28.5 LBS.**
- INTAKE VALVE SIZE: **2.165"**
- EXHAUST VALVE SIZE: **1.600"**
- VALVE STEM DIA.: **5/16"**
- VALVE LENGTH: **5.450"**
- VALVE ANGLE: **11°**
- VALVE SPRING POCKET DIA.: **1.650"**
- VALVE SPRING INSTALL HEIGHT: **1.800"**
- HEAD STUD SIZE: **.493"**
- VALVE GUIDE OD: **.502"**
- VALVE JOB TYPE: **NEWEN CNC 5 ANGLE**

AIRFLOW SPECS

- CHAMBER SIZE: **70CC**
- INTAKE PORT VOLUME: **255CC**
- EXHAUST PORT VOLUME: **106CC**
- PORT TYPE: **CNC**

MATERIAL SPECS

- CYLINDER HEAD MATERIAL: **A356-T6 ALUMINUM**
- INTAKE VALVE SEAT MATERIAL: **DUCTILE IRON**
- EXHAUST VALVE SEAT MATERIAL: **DUCTILE IRON**
- DECK THICKNESS: **.750"**
- ROCKER STAND TYPE: **MAST BILLET**
- ROCKER ARM TYPE: **OE LS7 1.8 OR AFTERMARKET**
- VALVE GUIDE MATERIAL: **PHOSPHOR BRONZE**

GENERAL SPECS

- ROCKER STAND: **INCLUDED**
- ROCKER STAND DOWELS: **INCLUDED**
- USES STOCK ROCKER BOLTS? **NO**
- ROCKER BOLTS: **NOT INCLUDED**
- HEAD BOLT QTY.: **6 BOLT STYLE**
- VALVE COVER RAIL HEIGHT: **+1/2"**
- CAN USE OE VALVE COVER? **YES**

CUSTOM OPTIONS AVAILABLE

- HEAD ASSEMBLY
- CHAMBER SOFTENING
- CUSTOM CHAMBER SIZING
- 1/2 HEAD STUD CLEARANCE
- COPPER INTAKE & EXHAUST VALVE SEATS

CYLINDER HEAD ADD-ONS

VALVE SPRING KITS

VS-LSX-600294 - LS PERFORMANCE BEEHIVE VALVE SPRING KIT - 0.625 LIFT

VS-LSX-100131 - PREMIUM DUAL VALVE SPRING & TITANIUM RETAINER KIT

VS-LSX-100134 - DUAL VALVE SPRING & TITANIUM RETAINER KIT - 0.750 LIFT

ROCKER KITS

RK-LSX-600268 - LS3 ROCKER KIT W/ CHE TRUNNION & ROCKER BOLTS

RK-LSX-981111 - JESEL ROCKER SYSTEM - MEDIUM BORE "INLINE PATTERN"

