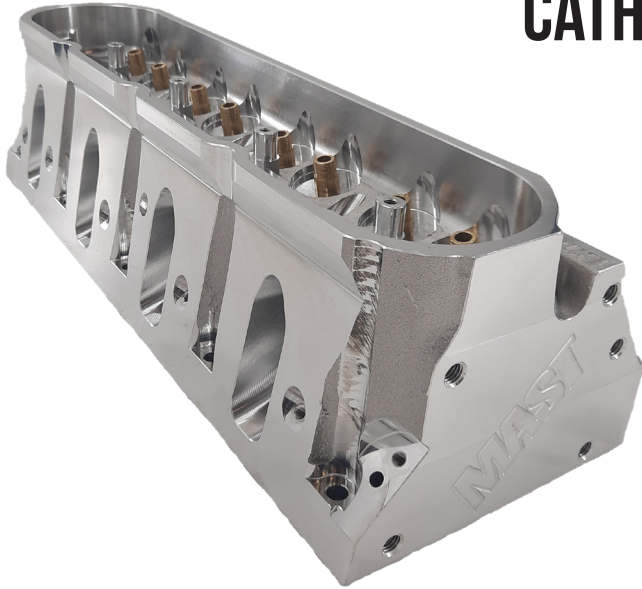




CATHEDRAL BLACK LABEL HEAD - 5.3L

BLACK LABEL 5.3L SMALL BORE CATHEDRAL

BLACK LABEL - CATHEDRAL PORT 5.3L 3.780" (+) BORE



AVAILABLE PART NUMBERS

- CH-LSX-600184 - BARE HEAD (SINGLE)
- CH-LSX-600203 - HEAD (PAIR) W/ STAINLESS STEEL VALVES
- CH-LSX-600230 - HEAD (PAIR) W/ TITANIUM INTAKE & STAINLESS STEEL EXHAUST

AIRFLOW CFM DATA

CH-LSX-600184 - CATHEDRAL PORT 5.3L - 3.780" (+) BORE

Port Location	0.100	0.200	0.300	0.400	0.500	0.600	0.700
INTAKE	63	122	182	236	279	312	330
EXHAUST	54	105	142	201	221	232	240

CYLINDER HEAD SPECS

DIMENSION SPECS

- BORE SIZE: **3.780"**
- WEIGHT: **29 LBS.**
- INTAKE VALVE SIZE: **2.040"**
- EXHAUST VALVE SIZE: **1.570"**
- 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: **62CC**
- INTAKE PORT VOLUME: **252CC**
- EXHAUST PORT VOLUME: **99CC**
- 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

