

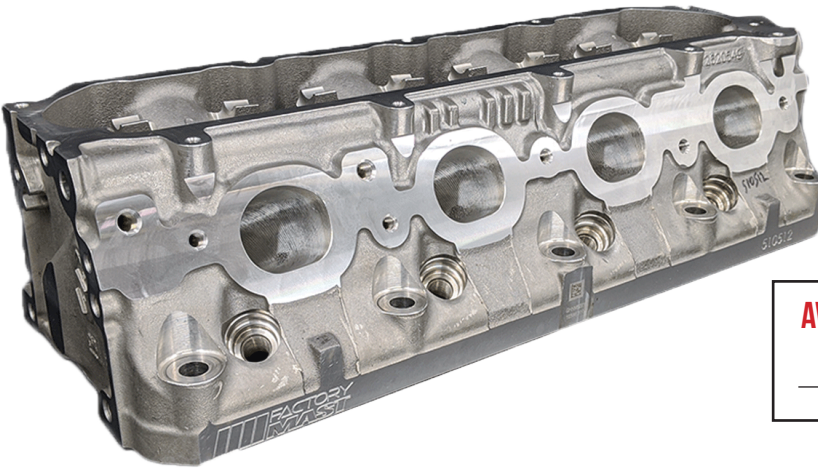
# FACTORY MAST **SMALL BORE** LT CYLINDER HEAD

## FACTORY MAST SMALL BORE LT CYLINDER HEAD

LT 5.3L 3.780"(+) BORE - CNC PORTED - DIRECT INJECTED

### AVAILABLE PART NUMBERS

CH-LTX-310501 - HEAD (PAIR) W/ OE VALVES



## AIRFLOW CFM DATA

CH-LSX-310501 - OE CASTING 5.3 LT

Port Location	0.100	0.200	0.300	0.400	0.500	0.600	0.700
INTAKE	62	135	208	245	279	289	302
EXHAUST	52	115	145	175	191	205	212

## CYLINDER HEAD SPECS

### DIMENSION SPECS

- BORE SIZE: **3.780"(+)**
- WEIGHT: **30 LBS.**
- INTAKE VALVE SIZE: **1.930"**
- EXHAUST VALVE SIZE: **1.550"**
- VALVE STEM DIA.: **8MM"**
- VALVE LENGTH: **5.550"**
- INTAKE VALVE ANGLE: **12.5°X2.61°**
- EXHAUST VALVE ANGLE: **12°X2.38°**
- VALVE SPRING POCKET DIA.: **1.325"**
- VALVE SPRING INSTALL HEIGHT: **1.880"**
- HEAD STUD SIZE: **.427"**
- VALVE GUIDE OD: **.565"**
- VALVE JOB TYPE: **NEWEN 5 ANGLE CNC**

### AIRFLOW SPECS

- CHAMBER SIZE: **58CC**
- INTAKE PORT VOLUME: **273CC**
- EXHAUST PORT VOLUME: **114CC**
- PORT TYPE: **CNC**

### MATERIAL SPECS

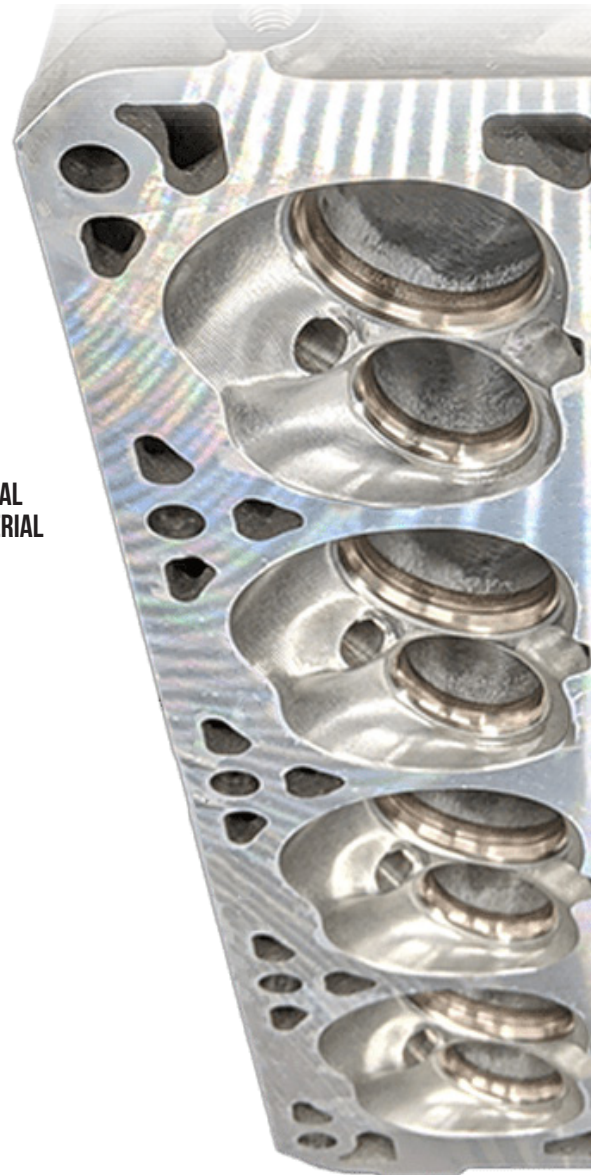
- CYLINDER HEAD MATERIAL: **A357-T6 ALUMINUM**
- INTAKE VALVE SEAT MATERIAL: **OE SEAT MATERIAL**
- EXHAUST VALVE SEAT MATERIAL: **OE SEAT MATERIAL**
- DECK THICKNESS: **.300"**
- ROCKER STAND TYPE: **PEDESTAL**
- ROCKER ARM TYPE: **OE LT 1.8 RATIO**
- GUIDE MATERIAL: **POWDERED METAL**

### GENERAL SPECS

- ROCKER STAND: **BUILT-IN**
- ROCKER STAND DOWELS: **N/A**
- USES STOCK ROCKER BOLTS?: **NO**
- ROCKER BOLTS: **NOT INCLUDED**
- HEAD BOLT QTY.: **4 BOLT STYLE**
- VALVE COVER RAIL HEIGHT: **+1/2"**
- CAN USE OE VALVE COVER?: **YES**

### CUSTOM OPTIONS AVAILABLE

- HEAD ASSEMBLY



# CYLINDER HEAD ADD-ONS

## VALVE SPRING KITS

VS-LTX-302429 - FACTORY MAST LT 6.2 STOCK REPLACEMENT SPRING KIT

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VS-LTX-100170 - FACTORY MAST LT SPRING KIT - DUAL VALVE, TITANIUM RETAINER - 0.660 LIFT

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VS-LTX-100171 - FACTORY MAST LT SPRING KIT - DUAL VALVE, TITANIUM RETAINER - 0.725 LIFT

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## ROCKER KITS

RK-LTX-600267 - LTX ROCKER KIT W/ CHE TRUNNION & ROCKER BOLTS

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