



# Installation Notes

## LS 364364 (LQ4 6.0L) UHP Engine Blocks

### BEFORE YOU BEGIN...

**NOTE: This block has NOT been cleaned since production machining, and is coated with oil to minimize corrosion.**

- 1) Inspect for any shipping damage BEFORE you start. This is YOUR responsibility.
- 2) Inspect all bores, oil passages, water jackets, surfaces and threads BEFORE you start. This is YOUR responsibility.
- 3) Measure deck heights, main journals, cylinder bores & lifter bores and machine/hone to your preference. All machine work is on the low side to allow for your preferences. This is YOUR responsibility.
- 4) Check rotating clearances for counterweights and connecting rods. This is YOUR responsibility.
- 5) After all machining and before assembly, wash thoroughly with hot soapy water and clean all passages. This is YOUR responsibility.
- 6) Block/plug any unused ports/passages (eg. front and rear external oil feeds if not used) Guess what? This is YOUR responsibility!

This block has more features than the standard OE block and care should be taken during inspection and assembly. Make sure you have all the parts, tools and assembly equipment prior to starting your build.

#### Notes:

This block can accept GEN III (rear) or GEN IV (front) cam sensor  
Block is also equipped with provision for LS2 timing chain tensioner

Part#	364364
Block Material:	High Strength 32B Cast Iron
Bore:	4.00"
Bore & Stroke (Max):	4.00" x 3.622" Maximum Recommended
Camshaft Bearings:	Standard LS (not included)
Camshaft Journal OD:	2.164-2.166"
Deck Height:	9.255"
Head Bolt/Stud Holes:	Blind head bolt holes (no water jacket entry)
Lifter Bore:	Standard LS .843" ( <b>May require light finish hone to size and to remove any burrs</b> )
Main Bearing Size:	2.558"-2.559"
Main Bearing Bore:	2.75"-2.751"
Main Caps:	6-Bolt Billet Steel
Main Cap Press:	.005"
Oiling System:	Wet Sump
Oil Pan:	Standard LS
Rear Main Seal:	Standard LS 4.527"
Starter:	Standard LS
Timing Chain:	Standard LS
Timing Cover:	Standard LS
Weight:	216 lbs.