

## ■ PRO PLASMA™ NITRIDED CAMSHAFTS

COMP Cams® is the only aftermarket valve train company in America that provides a Pro Plasma™ Nitriding Service in-house. Nitriding is a process by which nitrogen is introduced into iron or steel, causing a material's surface hardness to be increased for improved initial and long-term wear characteristics. It is recognized by metallurgists worldwide as the best way to increase the hardness and lubricity of flat tappet cams to enhance break-in and durability. Nitriding is available for any COMP Cams® flat tappet camshaft, but many popular flat tappet camshafts have already undergone the Pro Plasma™ Nitriding treatment and are already on the shelf, ready to be shipped. Don't get blinded by shiny surface finishing or heat-treating – nitriding has been race-proven around the world and documented to deliver superior results. Please visit [www.compcams.com](http://www.compcams.com) for complete listing of ready-to-ship nitrided camshafts.

- Stage 1: Pre-nitrided, unfinished camshaft
- Stage 2: Nitrided camshaft surface approximately .008" - .010" deep; black oxide finish



DESCRIPTION	PART #
Camshaft Nitriding Service	1-111-1

Learn more at [www.compcams.com/nitriding](http://www.compcams.com/nitriding)

## ■ SHORT TRAVEL RACE HYDRAULIC ROLLER LIFTERS FOR GM ENGINES

COMP Cams® Short Travel Race Hydraulic Roller Lifters are engineered from a patent pending design that specifically performs at higher engine speeds. When engines are equipped with a hydraulic lifter, high rpm is limited by the improper position of the lifter's internal piston as the lifter inevitably "pumps up". This improper location results in open valves and therefore leads to lost power or sometimes even engine failure. These short travel lifters limit that internal movement to a minimum to cut down on these issues and allow more engine rpm. The lifters are REM-finished and then black oxidized to create not only a high performance component but an attractive one as well.



\*Patent pending

DESCRIPTION	PART #
Short Travel Race Hydraulic Roller Lifters for GM SBC	15853-16
Short Travel Race Hydraulic Roller Lifters for GM SBC/LS1	15850-16
Short Travel Race Hydraulic Roller Lifters for GM LS1/Warhawk/LSX	15956-16
Short Travel Race Hydraulic Roller Lifters for GM BBC	15854-16