



# Refreshed & Rejuvenated

## Mercury Racing's Factory Fresh Service Delivers Unmatched Quality and Value

Thank you for calling on the legendary Mercury Racing heritage and decades of expertise refreshing and/or rebuilding your customer's 850/1075/1200 SCi engine(s). The factory-direct service, based at Mercury Racing's world headquarters in Fond du Lac, Wis., features a complete inspection and refresh of the engine. We're pleased to announce numerous options and updates have been made, which result in enhanced quality and unmatched consumer value.

Please share this information with your customer to ensure they fully understand what will be happening during our refresh/rebuild process. A completed form with signature and date is required before we begin the procedure of having the engine(s) returned to Mercury Racing.

A factory-spec shipping container is included in the price of the refresh to ensure safe transport of the engine to and from the dealer or OEM boat builder. Customers are provided with a toll-free phone number to take advantage of Mercury Marine-negotiated shipping rates.

Our Factory Fresh service center is strategically located in Mercury Racing's 4-Cycle Race Shop, and staffed by the same technicians who built the engine originally. Mercury Racing technicians work their "magic" featuring a complete inspection and refresh of the engine from the bare cylinder block through the final power run on a dynamometer. In addition to the block, the crankshaft and all other rotating components are washed and magnafluxed to ensure the metallurgy's integrity.

Additional parts that may be unfit for continued use due to corrosion or other factors may include cylinder heads, supercharger rotors, damper, or repair/replacement of the cylinder block. If any of these conditions exist the customer is informed upon completion of the engine inspection regarding these parts and related charges. This estimate will require your approval before we proceed with the rebuild. A quick response enables us to keep the engine(s) on schedule for completion and returned to you.

If your customer does not approve the refresh estimate, Mercury Racing will stop all rebuilding of the engine(s). The disassembled engine block(s) along with all parts and components (both internal and external) will be packaged up and shipped back to you. Our charges for the tear down, inspection and repackaging is \$2,400.00 per engine. Added to this will be the freight costs (both ways).

After the long-block assembly has been refreshed, it goes through Mercury Racing's electrostatic, high-solid, polyurethane paint process to bring the engine back to like-new condition.

### **New Custom Color Options**

Customers now have the option of updating the color of their engines as part of the engine refresh. A total of eight color options provide boaters with an ever expanding array of color combinations to complement the dynamic paint schemes offered by today's performance boat builders.

Your customer also has the option of updating engine pulleys and braided hoses with neutral, silver color polished pulleys and braided hoses which compliment the various color options (see attachment for selecting).

### **Standard Refresh Components**

Replaced rotating components include the camshaft, pistons, rings and connecting rod bolts. Cylinder head re-work includes the replacement of intake and exhaust valves, valve springs, retainers, valve seals, valve locks, rocker arms and lifters. Superchargers are inspected and updated with new snout bearings and seals. The refresh process includes the replacement of high-tension leads and a set of spark plugs, oil and fuel filters, all belts, special head gaskets, seals, hoses, impeller, and other miscellaneous hardware.

### **Value Added Service**

Mercury Racing also inspects and updates, as needed, the following product improvement components at no charge to the customer. These include the following:

- magnetic block plugs,
- block drains,
- wire harness fuse kit,
- pressure sensors,
- oil pump pulley,
- cam target wheel,
- valley tray stands,
- oil pan,
- carbon fiber valve covers (1075/1200),
- coupler – supercharger rotors, and
- 850 SCi and 1075 SCi PCMs are updated with the latest available fuel calibration with no change to the original 91 posted pump octane (R + M)/2, or (98 RON) International fuel octane requirements.

Customers can also opt for Flash Lite, a Mercury Propulsion Control Module (PCM) recalibration service. The service updates 850 SCi and 1075 SCi fuel calibrations from the previously required 91 posted pump octane (R + M)/2, or (98 RON) global calibration to a 89 posted pump octane (R + M)/2, or (95 RON) global calibration fuel rating. The revised fuel calibrations do not adversely affect engine life or performance, with the exception of the 1075 SCi which is reduced by 50 horsepower when the PCM fuel calibration is “re-flashed” for 89 posted pump octane (R + M)/2, or (95 RON) global calibration fuel compatibility.

Replacement parts used in the refresh carry the same warranty the engines are sold with – 180-days for the 850 SCi, 90-days for the 1075 SCi and no warranty for the 1200 SCi.

Refresh work is backed by a 30-day labor warranty.

### **Optional Update Kit Menu (see attachment for selecting)**

An optional update kit menu has been added to further enhance the value and quality of the Factory Fresh service. These kits update older model year engines to current model components.

Other choices from the Optional Update Kit menu include the following:

- custom color option,
- carbon fiber valve covers ( 850 SCi Update),
- 90-amp alternator,
- fuel PSI regulator,
- power steering tensioner,
- supercharger belt tensioner,
- clear pulley kit, and
- clear hose kit.
- BAM factory transmission refresh

Factory Fresh is just another point of differentiation Mercury Racing has versus its competitors. No one can match Mercury Racing's dealer and service network. Owners are encouraged to direct their engine removal/installation refresh service to qualified 850 SCi/1075 SCi/1200 SCi Total Engine Application Management (T.E.A.M.)-accredited OEM boat builders and dealers.