

Grassroots Racing • Oiling Systems • Engine Bearings

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# ENGINE BUILDER

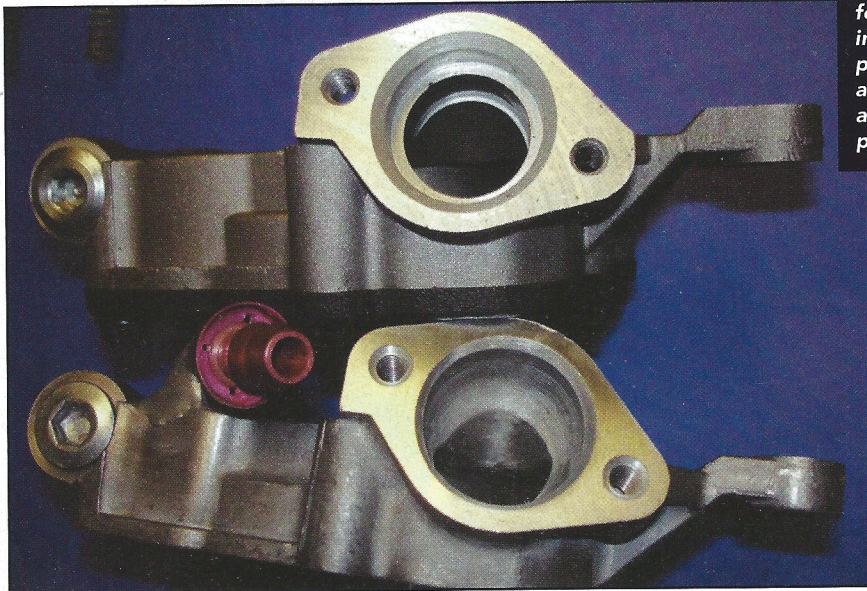
**DON'T MISS:**  
Engine Building  
Technical Guide

## MODERN MACHINING

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EngineBuilderMag.com

## Oil Pumps

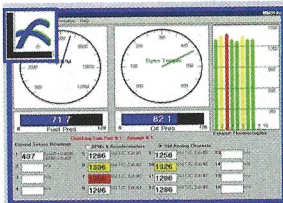


Aftermarket performance oil pumps feature various modifications to improve flow and priming. The performance pump in this photo has a much larger inlet port, and a special add-on port to help self-prime the pump (courtesy of Schumann).

racer can spend on modifications and goodies for his racecar. By putting a lid on what they can modify or what parts are allowed, rules keep racing affordable and competitive (in theory, anyway). Creative individuals can always find ways around the rules by stretching what the rules say (or don't say), while others simply ignore the rules and find ways to cheat – until they get caught.

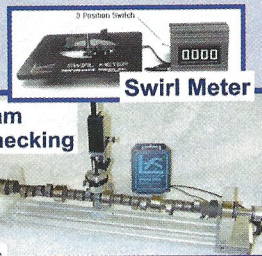
So priority one when choosing an oiling system for any type of racing (grassroots or professional) is to establish what the rules allow and prohibit. Somebody has to read the rule book. Whether that's you or your customer it doesn't matter. The oiling system has to fit within the framework of the rule book. Period.

To keep costs down, most dirt tracks prohibit dry sump systems in most stock, sportsman, late model and modified classes. A track may have its own rules or may subscribe to the rules of a particular sanctioning body such as the American Motor Racing Association (AMRA), DIRTcar, International Motor Contest Assn. (IMCA), United Midwestern Promoters (UMP), U.S. Auto



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