

Oil Pump Pickups-Internal Pump



STEF'S pickups listed below are all designed to meet the depth requirements of the pan, maintain proper pickup to pan floor clearance, and fit within the baffle constraints of STEF'S wet sump oil pans.

STEF'S pickups are fixture heli-arc welded and include heavy gauge boxes, high flow rate filtering screen, and support brackets as required*. All STEF'S tube type pickups use larger wall size tubing for added strength. So most pumps must be drilled. We can supply correct, fully assembled pump/pickup assemblies. Each of these assemblies include a fully inspected Melling Oil pump that has had the correct pickup welded in place for years of service. Flange type pumps include mounting hardware if necessary.

For proper pickup depth to match pan sump depth, please add the depth to the end of the pickup part number. Example 6005-10 would be a SBC Std Volume 10" pickup.

NOTE: This does not include Chrysler 383, 426, 440, HEMI



Part No.	Application	Pickup Depths
6005	SBC/90° V6 Std Vol Drag Race	7"-8"-9"-10"
6015	SBC/90° V6 High Vol Drag Race	7"-8"-9"-10"
6029	SBC/90° V6 Std Vol Circle Track	7"
6030	SBC/90° V6 High Vol Circle Track	7"
6032	SBC/90° V6 High Vol Circle Track	6112"
6035	SBC/90° V6 BBC Pump Circle Track	7"
6036	SBC w/ BBC Pump-Must be Drilled	7"-8"-9"
6045	SBC/Std Vol Marine V-Drive Skiff	4314"
6047	SBC Std Vol Marine 5 Litre Hydro	4118"
6055	BBC Std Vol Drag Race	7"-8"-9"-10"
6065	BBC High Vol Drag Race	7"-8"-9"-10"
6080	BBC High Vol Circle Track	7"
6090	BBC Std Vol Marine-Jet-In/Outbrd	10"
6091	BBC High Vol Marine-Jet-In/Outbrd	10"
6092	BBC Std & Hi Vol Marine V-Drive (inc Mts)	9"
6094	BBC Std Vol Marine S/S, H-Pan	8"
6095	BBC High Vol Marine S/S, H-Pan	8"
6096	BBC Std Vol Marine T-Pan	10 114"
6097	BBC High Vol Marine T-Pan	10 114"
6120	2300cc Pinto 2.5 Hydro V-Drive	Per application
6124	289-302 Ford Hi Vol Drag Race Front Sump	8"-9"-10"
6125	289-302 Ford High Vol Drag Race (Includes Mounting Hardware)	8"
6130	351W-351 SVO Ford Hi Vol Drag Race (Includes Mounting Hardware)	8"
6135	351-400 Cleveland Ford Hi Vol Drag Race (Includes Mounting Hardware)	8"
6137	351-400 Cleveland Ford Hi Vol Drag Race Front Sump	8", 9", & 10"
6139	351-400 Cleveland Ford Hi Vol C/T (Includes Mounting Hardware)	8", 9", & 10"
6140	429-460 Ford Hi Vol Drag Race-Puller (Includes Mounting Hardware)	8" & 10"
6145	318-360 Mopar Hi Vol Drag Race	7", 8" & 10"
6150	V-6 Buick Drag Race	8" & 10"
6152	V-8 Buick Drag Race	8" & 10"
6158	4 Cyl. Pontiac Drag Race	8" & 10"
6160	301-455 Pontiac -3/4" Pkup Pump-Drag Race	8" & 10"
6180	383-426-440 Wedge-426 Hemi Swing Type	ALL
6184	383-426-440 Wedge-426 Hemi Swing Type Ext.	ALL
6188	383-426-440 Wedge-426 Hemi Static Type	ALL
6189	383-426-440 Wedge-426 Hemi Pkup-Static Type	ALL

Additional Options

Part No. Description

6175 Weld Pickup to Matching Oil Pump



Wet Sump Oil Pumps - Internal

One constant in the STEF'S business philosophy has been the choice of Melling Oil Pumps. STEF'S offers the quality and cost effectiveness of Melling pumps exclusively for all internal wet sump applications. For decades Melling pumps have been the racers choice and for good reason—superior component materials and manufacturing tolerances insuring consistent delivery of oil flow and pressure while additional housing support material guards against housing failures. Although there have been many spin-offs of Melling designs, which do little more than add moving parts and cost, the Melling approach to simplicity of design continues to insure unsurpassed reliability.

Part No.	Description
6205	SBC/90° V6-Std Volume
6210	SBC/90° V6-High Volume
6212	SBC/62-67 Chevy II
6215	BBC-Std Volume
6220	BBC-High Volume
6230	2300cc Ford-Std. Volume
6231	2300cc Ford-High Volume
6234	289-302 Ford-Std. Volume
6235	289-302 Ford-High Volume
6238	351W-351 SVO Ford-High Volume
6239	351C-351M-400 Ford-High Volume
6240	429-460 Ford-High Volume
6244	318-360 Mopar-Std. Volume
6245	318-360 Mopar-High Volume
6249	350-455 Olds-Std. Volume
6250	350-455 Olds-High Volume
6255	301-455 Pontiac-Std Volume (3¼" Pkup)
6258	4 Cyl. "Iron Duke" High Volume



Oil Pump Stud Kit-Chevrolet

These high grade steel stud, nut, and washer kits provide a positive anti-vibration method of securing your SBC and BBC oil pump to the rear main cap. These finish ground and rolled threaded studs also eliminate the possibilities of pump bolt "bottoming out" problems or stripped rear main cap threads during rebuilds.

Part No.	Application
6320	Oil Pump Stud Kit-All SBC, BBC & 90° V6



Oil Pump Shaft/Block Off Plate/Support Bracket

STEF'S Oil Pump Shafts are machined from superior alloy steel to eliminate all the shortcomings of OEM drives in race applications which result in eventual drive and gear shaft misalignment and failures.

STEF'S BBC Support Bracket is designed to give added support to the oil pump during hard launches. The support attaches to the rear main cap and the oil pump stud.

STEF's now offers a pump block-off plate constructed of .625" thick steel and parallel ground to insure proper torque value.

Part No.	Application
6350	SBC/90° V6-SBC Pump
6352	SBC/'62-'67 Chevy II Pump
6353	BBC-BBC Pump
6355	BBC-Oil Pump Support Bracket
6360	SBC, BBC & V6 Chevy Block-off



External Oil Pumps

Single Stage Pumps - WET



The advantages of the belt driven External Single Stage Pump System vs. a conventional wet sump system are realized in both significant horsepower increases available and in convenience or accessibility. When sanctioning rules permit, this system can produce sizeable horsepower increases through the elimination of the torsional harmonics transmitted from the stock location oil pump through the distributor, camshaft and timing chain, belt or drive. Additional or perhaps larger horsepower gains are now available through the installation of a full length Teflon coated uni-directional windage screen in the absence of the stock location oil pump and pick-up. By significantly increasing the windage screen and oil recovery area oil pan turbulence and windage are reduced in proportion to the windage screen area increase.

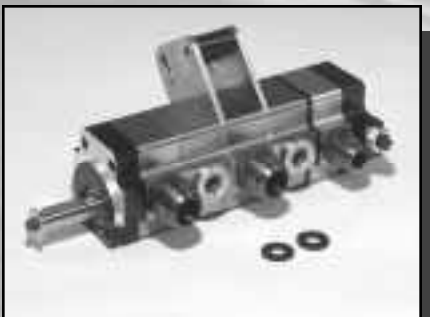
Part No.	Application	Configuration
6405	SBC/90° V6 Drag Race	1.200" Press. Section
6410	BBC Drag Race	1.450" Press. Section
6415	BB Ford Drag Race	1.700" Press. Section

Multi Stage Pumps - DRY



Dry sump oiling system technology today has evolved into one of the key factors instrumental in the engine builders quest for horsepower. Beyond the properly configured dry sump systems ability to produce significant horsepower gains within itself through crankcase pressure control and proportionately supplied oil volume and pressure, the dry sump system today serves as a base line from which further engine development may and has moved ahead. Obviously, as the heart of the system, the Dry Sump Pump by design, must meet and match the many application variations of oil delivery and suction. The pumps listed below further emphasize the Stock Car Products method of matching section/gear area per application and type of usage.

Part No.	Application	Configuration
6432	SBC/90° V6 3 Stage/Drag Race	2-1.700" Scavenge/1.200" Press.
6435	SBC/90° V6 4 Stage/Drag Race	1.450 & 1.700" Scavenge/1.200" Press.
6451	BBC 3 Stage/Drag Race	1.450" & 1.700" Scavenge/1.450" Press.
6455	BBC 4 Stage/Drag Race	1.450" & 1.700" Scavenge/1.450" Press.
6475	BB Ford 3 Stage/Drag Race	2-1.700" Scavenge/1.700" Press.
6478	429 Ford 4 Stage/Drag Race	3-1.700" Scavenge/1.700" Press.
6480	426 Hemi 3 Stage/Drag Race	2-1.700" Scavenge/1.700" Press.
6482	426 Hemi 4 Stage/Drag Race	3-1.700" Scavenge/1.700" Press.
6505	SBC/90° V6 3 Stage/Circle Track	2-1.200" Scavenge/1.200" Press.
6510	SBC/90° V6 4 Stage/Circle Track	3-1.200" Scavenge/1.200" Press.
6511	SBC/90° V6 5 Stage/Circle Track	4-1.200" Scavenge/1.200" Press.
6512	SBC/90° V6 5 Stage Circle Track	Special S/S Stef
6525	BBC 3 Stage/Circle Track	2-1.450" Scavenge/1.450" Press.
6530	BBC 4 Stage/Circle Track	3-1.450" Scavenge/1.450" Press.



Oil Pump Drive Kits



These dry sump/external pump drive kits include longer than necessary drive materials, hard coat anodized Gilmer drive and pump gears, belts, washers and installation hardware for the recommended pump applications and drive ratios required. Drag race kits incorporate provisions for both front mount motor plates and crank trigger ignition wheels. Circle Track kits include all the necessary V-belts and pulleys to accommodate the crank driven water pump.

Part No.	Application
6605	SBC/90° V6-External/Dry Sump-Drag Race Drive Kit
6620	SBC/90° V6-Dry Sump-Circle Track Drive Kit
6625	SBC/90° V6-Dry Sump-Winston Cup Drive Kit
6635	BBC-External/Dry Sump-Drag Race Drive Kit
6638	BBC-Dry Sump-Circle Track Drive Kit
6648	289-302-351-Dry Sump-Ford Drag Race Drive Kit
6650	429 Ford-Dry Sump-Drag Race Drive Kit
6655	426 Hemi-Dry Sump-Drag Race Drive Kit