



Power-Steering Pump Kits

Aluminum Power-Steering Pump Kit with Mounting Bracket, Hoses, and Billet Reservoir



Pro-Series Pumps



TCP Pumps



Optional Stainless Braided Hose Kit



Hose Routing Bracket

Polished Billet Remote Reservoir



Billet Mounting Bracket Sets

Power-Steering Pump Kits

The complete power-steering system has been designed around specific fluid volumes, flow rates and pressure requirements to deliver a tight, responsive feel with adequate steering feedback for high-performance driving applications. This balance of informative feedback and hydraulic assist is not possible with any combination of OEM pumps or steering units due to excessive and widely varying flow rates. Remote-reservoir pump kits include pump with anodized pulley, mounting bracket set, blue-fiber-covered hose with zinc-finished hose ends, and polished billet reservoir (stainless hoses and polished pulleys optional). Integral-reservoir pump kits include pump/reservoir unit with anodized pulley, mounting bracket set, stainless-braided hose with zinc-finished hoses ends.

Features

- Flow rate matched specifically for TCP rack-and-pinion control servo
- Correct amount of hydraulic assist provides informative steering feedback
- Changeable flow rate fitting enables increase or decrease of assist
- Direct bolt-on installation
- All mounting hardware, hydraulic hoses, and hose ends included
- Optional cosmetic upgrades: polished pulleys and stainless braided hoses

TCP Aluminum Pumps

The base TCP power steering pump system is comprised of a OEM-style, aluminum bodied power steering pump, with adequate flow to comfortably meet the requirements of our rack-and-pinion servo. Hydraulic-assisted brake systems can also be supported utilizing our base power steering pumps. TCP pumps are available in remote-reservoir or integral-reservoir configurations, with polished billet V-belt or serpentine pulley.

Features:

- Aluminum body
- Polished billet pulleys
- 17mm shaft diameter
- Remote reservoir:
 - 6 output, -10 input
- Integral reservoir:
 - 6 output, 3/8" return

TCP Remote Reservoir Pumps

Requires hose kit TCP HOSE-01 (blue fiber) or TCP HOSE-02 (stainless braided).

5" V-belt



4-7/8" Serpentine



TCP PSP-FD	Remote-reservoir pump with 6" V-belt or 4.25" 6-rib serpentine pulley, mounting bracket set, blue hose kit, hose bracket, and remote-mounted billet reservoir	\$698.00
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TCP Integral Reservoir Pumps

Requires hose kit TCP HOSE-05 (stainless braided).

5" V-belt



4-7/8" Serpentine



TCP PSP-FD-IR	Integral-reservoir pump with 6" V-belt pulley, mounting bracket set, stainless-braided hose kit, and hose bracket	\$698.00
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Pro Series Pumps

The new Pro Series power steering pump the first pump specifically designed and engineered for racing and high performance use without any production car components, is the result of 2 years of research and development that included input from aftermarket industry leaders in performance steering system development. The pump marries components such as tunable flow valves, spline drive bolt-on pulleys, double bolt patterns, and ball and roller shaft bearings with new and improved pump technologies such as a micro-honed piston bore for quick and smooth response and ported low turbulence internal passages, and a unique pump design to deliver the most versatile, durable, and efficient pump ever manufactured.

Features:

- Calibrated, tunable flow curve
- Spline-drive bolt-on pulleys
- Runs up to 20 degrees cooler
- 9,000rpm maximum pump speed
- 1600psi maximum pressure relief
- Ball and roller bearings for high loads
- Double bolt pattern allows selective orientation of the pump to eliminate vapor lock in hoses
- Hard coated and micro-honed piston bore for precise flow control and instantaneous pressure relief
- Large unrestricted intake flow path to prevent fluid cavitation
- All internal openings are CNC ported for lowest possible turbulence
- 8620 steel shaft, heat treat to 62 Rockwell for exceptional strength and wear characteristics
- Self-centering snout for proper alignment to dry-sump spud in positive drive applications, minimizing shaft wear



TCP PSP-FD-PIR	Integral-reservoir PRO pump with 6" V-belt or 4.25" 6-rib serpentine pulley, mounting bracket set, blue hose kit, hose bracket, and remote-mounted billet reservoir	\$988.00
TCP PSP-FD-PRO	Remote-reservoir PRO pump with 6" V-belt pulley, mounting bracket set, stainless-braided hose kit, and hose bracket	\$988.00

Pro-Pump Flow-Control Valves

Changing the output-flow-control valve alters the steering system's baseline pressure. Baseline pressure provides instantaneous response to steering input and determines the initial feel of the steering. The valve is easily changed and does not require the system to be drained. The standard 8-liters-per-minute (lpm) valve comes already installed on the pump. Additional valves sold separately.



Part Number	lpm	gpm	%	Price
25304	4	1.05	50	\$19.00
25305	5	1.32	63	19.00
25306	6	1.59	75	19.00
25307	7	1.85	88	19.00
25308	8	2.11	100	17.00
25309	9	2.38	112	19.00
25310	10	2.64	125	19.00
25311	11	2.91	137	19.00
25312	12	3.17	150	19.00

Bracket Sets

Engine-specific mounting-bracket sets fit common engine combinations. For custom applications, a mounting-bracket blank set is available. All kits include bracket with machined tensioning slot, aluminum mounting spacer, stainless-steel shim set and applicable mounting hardware. Bracket set included in complete pump-sales kit.

Part Number	Engine Group	Specific Block	Price
OPTION	Small-block, short-deck	260, 289, 302	Included
OPTION	Small-block, tall-deck	351W, 351C, 400	Included
OPTION	Big-block, FE	390, 427, 428	add \$29. ⁰⁰
OPTION	Universal	6x6" blank bracket	Included
Sold Separately			
TCP PBS-FD-01	Small-block, short-deck	260, 289, 302	100. ⁰⁰
TCP PBS-FD-02	Small-block, tall-deck	351W, 351C, 400	100. ⁰⁰
TCP PBS-FD-03	Big-block, FE	390, 427, 428	129. ⁰⁰
TCP PBS-FD-UNIV	Universal	6x6" blank bracket	100. ⁰⁰

TCP PBS-FD-01

Ford Small-Block Short Deck: 260, 289, 302

Note: Installation with 5.0 EFI conversion requires modification to A/C bracket.



TCP PBS-FD-02

Ford Small-Block Tall Deck: 351W, 351C, 400M



TCP PBS-FD-03

Ford Big-block FE: 390, 427, 428



TCP PBS-FD-UNIV

Universal (blank bracket):
Machining required



Power-Steering Hose Kits

Our high-pressure power-steering hose kits give you everything you need to plumb the hydraulic lines that connect the rack and pinion, pump and reservoir. All hose ends are high-quality, field-attachable, screw together fittings for easy assembly during installation and a perfect custom fit. We offer two different styles, which complement your engine compartment: blue hose with standard steel ends or stainless-steel, braided Teflon® hose with silver-finish hose ends. Hose kits are included with every complete power-steering-pump sales kit, but can also be purchased separately.

TCP HOSE-01 - Blue Fiber Covered Hose

-6 Hose: 84" length, 2500 psi, 28 Hg, 4" bend radius
 -10 Hose: 36" length, 2500 psi, 28 Hg, 5.5" bend radius
 Hose Ends: steel, field-attachable, yellow zinc finish



TCP HOSE-02 - Stainless Teflon Racing Hose

-6 Hose: 72" length, 2500 psi, 28 Hg, 4" bend radius
 -10 Hose: 36" length, 2500 psi, 28 Hg, 6.5" bend radius (TCP HOSE-04 includes -6 components only)
 Hose Ends: steel, field-attachable, clear zinc finish



TCP HOSE-03 - Hose Support Bracket

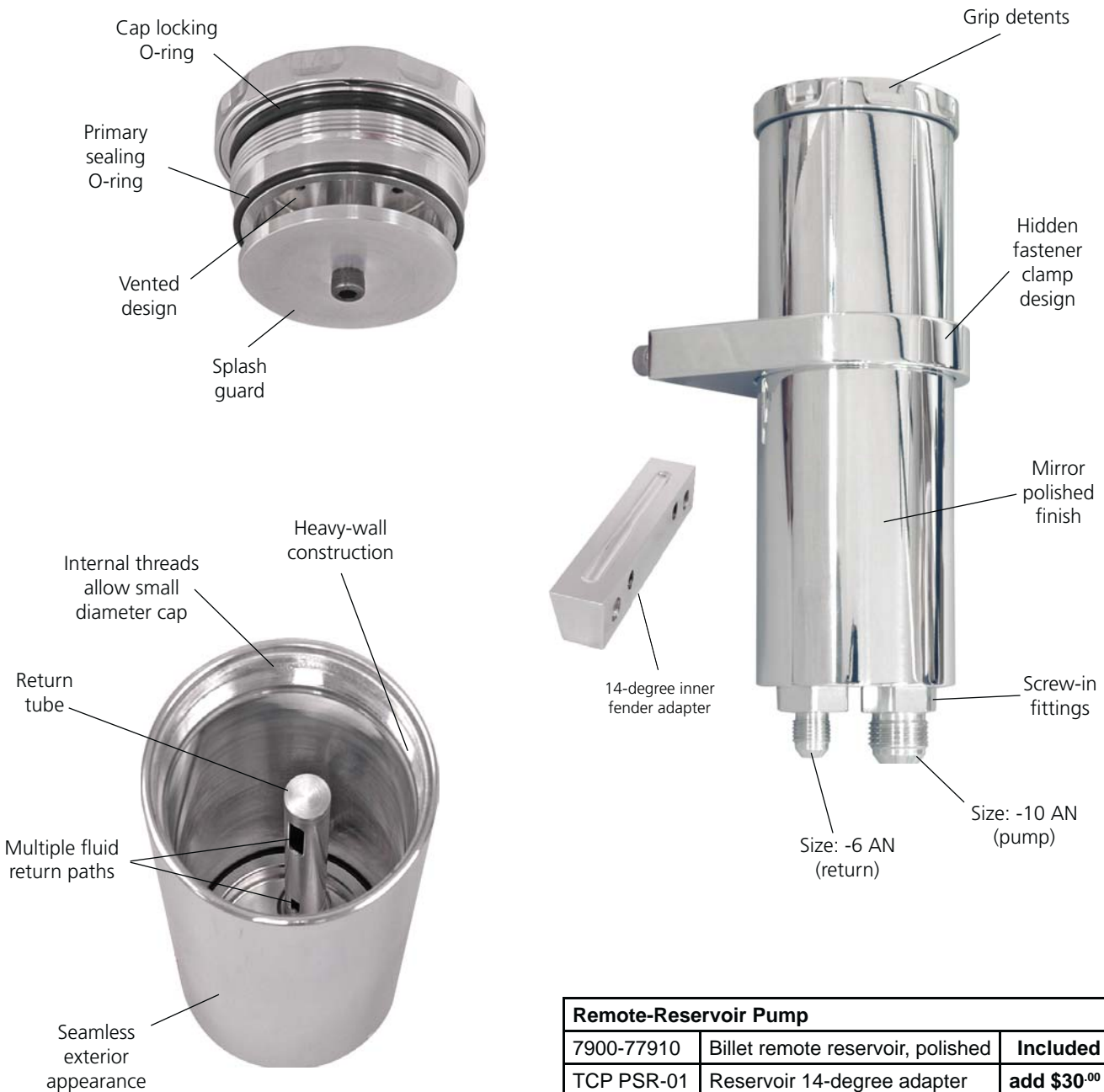
The support bracket attaches to the motor mount bracket. Kit includes two sizes of clamps to fit TCP HOSE-01 or TCP HOSE-02.



Remote-Reservoir Pumps (TCP and Pro Series)		
TCP HOSE-01	Blue-fiber-covered hose kit for remote reservoir, -6 and -10 hoses and fittings	Included
TCP HOSE-03	Hose Support Bracket	Included
TCP HOSE-02	Stainless-Teflon® racing hose kit for remote reservoir, -6 and -10 hoses and fittings	add \$120.00
Integral-Reservoir Pump (TCP)		
TCP HOSE-05	Stainless-Teflon® racing hose kit for integral reservoir, -6 hoses and fittings	Included
TCP HOSE-03	Hose support bracket	Included
Integral-Reservoir Pump (Pro Series)		
TCP HOSE-04	Stainless-Teflon® racing hose kit for integral reservoir, -6 hoses and fittings, hose clamp	Included
TCP HOSE-03	Hose support bracket	Included
Hose kits also sold separately		
TCP HOSE-01	Blue-fiber-covered hose kit for remote reservoir, -6 and -10 hoses and fittings	\$219.00
TCP HOSE-02	Stainless-Teflon® racing hose kit for remote reservoir, -6 and -10 hoses and fittings	289.00
TCP HOSE-03	Hose Support Bracket	29.00
TCP HOSE-04	Stainless-Teflon® racing hose kit for integral reservoir, -6 hoses and fittings	189.00
TCP HOSE-05	Stainless-Teflon® racing hose kit for integral reservoir, -6 hoses and fittings	169.00

Billet Remote Reservoir

Our polished-billet-aluminum remote reservoir is the finest available anywhere. The internal baffle design with O-ring sealed, vented cap prevents splash over, eliminates system pressure fluctuations. Fluid turbulence and aeration are greatly reduced by an innovative internal return tube design. A sleek, low-profile, mounting bracket with internal key-lock design hides all hardware and securely grips the reservoir. The 100-percent billet-aluminum construction provides an extra fluid capacity of up to 15 oz., in a mirror-polished, compact design. To position the reservoir upright, against the inner-fender panel, a 14-degree adapter block (PSR-01) is available. -6 and -10 male AN fittings are included to complete the installation. Overall dimensions: 2-7/8" OD x 8-3/4" H (Cap: 3" OD)



Remote-Reservoir Pump		
7900-77910	Billet remote reservoir, polished	Included
TCP PSR-01	Reservoir 14-degree adapter	add \$30⁰⁰
Sold Separately		
7900-77910	Billet remote reservoir, polished	159⁰⁰
TCP PSR-01	Reservoir 14-degree adapter	39⁰⁰

Polished Pulley Option

(Pro Series Pump)

Pumps are also available with brightly polished pulleys. The polished finish completes the high-end appearance of the billet reservoir and stainless braided hose kit.

Part Number	Description	Price
OPTION	Polished pulley (V or serp.)	add 20 ⁰⁰
Note: Also sold separately, call for pricing.		



6" V-belt pulley,
polished finish



4.25" 6-rib
serpentine pulley,
polished finish

Applications

Power Steering Pump Applications

Engine Group	Specific Block
Small-block, short-deck	260, 289, 302
Small-block, tall-deck	351W, 351C, 400
Big-block, FE	390, 427, 428
Universal	6x6" blank bracket

Use following sales kit part number for ordering:

TCP PSP-FD - \$698-up

TCP PSP-FD-IR - \$698-up

TCP PSP-FD-PIR - \$988-up

TCP PSP-FD-PRO - \$988-up

Includes: Pump w/ pulley, reservoir, hoses, hose ends, mounting bracket, spacer/shim set, mounting hardware



Power Rack-and-Pinion Applications

Model	Year	Power Rack	
		Small Block	Big Block
Comet	1960-1965	TCP RCKP-03	-
Cougar	early 1967 ¹	TCP RCKP-02	TCP RCKP-01
	late 1967 ¹ -1969	TCP RCKP-02	TCP RCKP-01
	1970	TCP RCKP-02	TCP RCKP-01
Falcon	1960-1965	TCP RCKP-03	-
Mustang	1965-1966	TCP RCKP-02	-
	early 1967 ¹	TCP RCKP-02	TCP RCKP-01
	late 1967 ¹ -1969	TCP RCKP-02	TCP RCKP-01
	1969 BOSS-1970	TCP RCKP-02	TCP RCKP-01
Ranchero	1960-1965	TCP RCKP-03	-

Use following sales kit part number for ordering:

TCP RCKPX-FD - \$2098 up

Includes: Rack and pinion, mounting brackets, steering shafts, u-joints, tie-rod adapters



NOTES:

All prices subject to change. Current pricing available at www.totalcontrolproducts.com.



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