

4.5" Power-V Racing Clutch



PTT's 4.5" Power-V racing clutches are the lightest Moment of Inertia (MOI) clutches in our product line. They have approximately half the MOI of our 5.5" clutches. If the rules you race under allow a clutch this small, you cannot afford to pass up this speed advantage.

The simple facts are this:

A PTT 4.5" clutch makes your racecar accelerate faster. The lower the rotating weight in your racecar's driveline allows your engine's horsepower to accelerate the car faster. A PTT 4.5" clutch also allows the car to decelerate faster while using less of your brakes. (There is less drivetrain inertia that the brakes have to slow down so you get more 'engine braking' with a lighter clutch.) Quicker Shifting is another great advantage. The lighter clutch discs allow quicker shifting, also causing less wear on the syncros, or dog rings, in your transmission. Lower M.O.I. clutch discs change RPM faster, causing less stress on transmission parts.

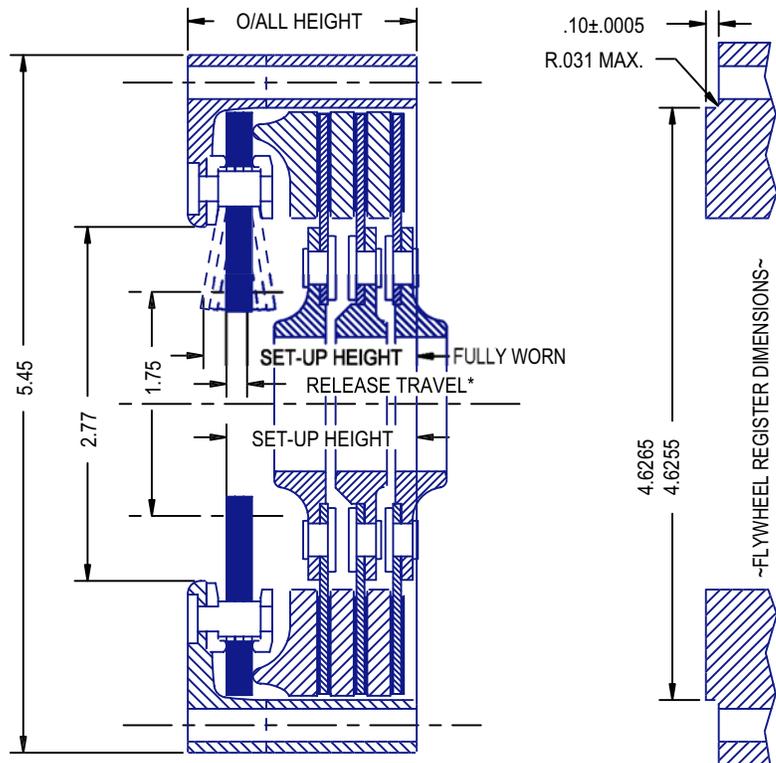
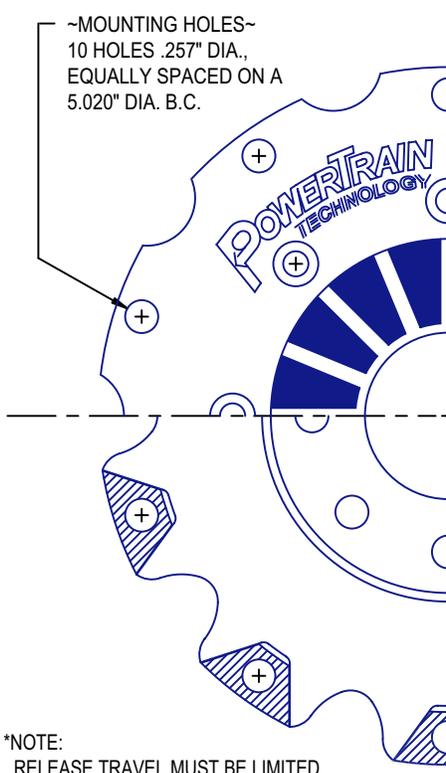


When it is time to select a winning clutch for your racecar, remember:

Lighter really is FASTER!

Put the championship winning reliability and competitive advantage of a PowerTrain Technology Clutch to work for YOU!

POWERSTAR
5-leg clutch for cutting edge M.O.I. reduction



*NOTE:
RELEASE TRAVEL MUST BE LIMITED BY AN EXTERNAL PEDAL STOP

NUMBER OF DISCS	SET-UP HEIGHTS		RELEASE TRAVEL*	HEIGHT O/ALL	DISC THICKNESS	
	NEW	FULLY WORN			NEW	FULLY WORN
2	1.20"	1.33"	0.16"	1.53"	0.105"	0.090"
3	1.49"	1.62"	0.16"	1.81"	0.105"	0.095"
4	1.77"	1.90"	0.16"	2.09"	0.105"	0.097"

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4.5" Power-V Racing Clutches



10-Bolt Clutch	CC116A1Axx	1D Clutch w/ Metallic Lining, .105" thick
	CC216A1Axx	2D Clutch w/ Metallic Lining, .105" thick
	CC258A1Axx	2D Clutch w/ Iron Hi-Torg Lining, .105"
	CC316A1Axx	3D Clutch w/ Metallic Lining, .105" thick
	CC358A1Axx	3D Clutch w/ Iron Hi-Torg Lining, .105"
	CC416A1Axx	4D Clutch w/ Metallic Lining, .105" thick

PowerSTAR 5-Bolt Clutch	CS116A1Axx	1D Clutch w/ Metallic Lining, .105" thick
	CS216A1Axx	2D Clutch w/ Metallic Lining, .105" thick
	CS258A1Axx	2D Clutch w/ Iron Hi-Torg Lining, .105"
	CS316A1Axx	3D Clutch w/ Metallic Lining, .105" thick
	CS358A1Axx	3D Clutch w/ Iron Hi-Torg Lining, .105"
	CS416A1Axx	4D Clutch w/ Metallic Lining, .105" thick

4.5" POWERSTAR
5-Bolt Racing Clutches

NEW!

xx = Spline Size (see chart page 28)

4.5" Clutch & Btn. Flywheel Assembly

(EM = Early Model '85 & Earlier, LM = Late Model '86 to '97)
 Includes clutch bolt kit

10-BOLT CLUTCH KITS



2 DISC CLUTCH ASSEMBLY

Chevy SB V-8 EM	KC2128	1-1/8" x 10 spline
	KC2129	1-5/32" x 26 spline
Chevy SB V-8 LM ExtBal	KC2928	1-1/8" x 10 spline
	KC2929	1-5/32" x 26 spline
Chevy LS1 V-8	KC2028	1-1/8" x 10 spline
	KC2029	1-5/32" x 26 spline

3 DISC CLUTCH ASSEMBLY

Chevy SB V-8 EM	KC3128	1-1/8" x 10 spline
	KC3129	1-5/32" x 26 spline
Chevy SB V-8 LM ExtBal	KC3928	1-1/8" x 10 spline
	KC3929	1-5/32" x 26 spline
Chevy LS1 V-8	KC3028	1-1/8" x 10 spline
	KC3029	1-5/32" x 26 spline

5-BOLT CLUTCH KITS



2 DISC PowerSTAR CLUTCH ASSY

Chevy SB V-8 EM	KS2128	1-1/8" x 10 spline
	KS2129	1-5/32" x 26 spline
Chevy SB V-8 LM ExtBal	KS2928	1-1/8" x 10 spline
	KS2929	1-5/32" x 26 spline
Chevy LS1 V-8	KS2028	1-1/8" x 10 spline
	KS2029	1-5/32" x 26 spline

3 DISC PowerSTAR CLUTCH ASSY

Chevy SB V-8 EM	KS3128	1-1/8" x 10 spline
	KS3129	1-5/32" x 26 spline
Chevy SB V-8 LM ExtBal	KS3928	1-1/8" x 10 spline
	KS3929	1-5/32" x 26 spline
Chevy LS1 V-8	KS3028	1-1/8" x 10 spline
	KS3029	1-5/32" x 26 spline

4.5" Clutch, Btn. Fly, & Low M.O.I. Flexplate

(EM = Early Model '85 & Earlier, LM = Late Model '86 to '97)
 Includes clutch bolt kit

10-BOLT CLUTCH KITS



2 DISC CLUTCH ASSEMBLY

Chevy SB V-8 EM	KC2148	1-1/8" x 10 spline
	KC2149	1-5/32" x 26 spline
Chevy SB V-8 LM ExtBal	KC2948	1-1/8" x 10 spline
	KC2949	1-5/32" x 26 spline
Chevy LS1 V-8	KC2048	1-1/8" x 10 spline
	KC2049	1-5/32" x 26 spline

3 DISC CLUTCH ASSEMBLY

Chevy SB V-8 EM	KC3148	1-1/8" x 10 spline
	KC3149	1-5/32" x 26 spline
Chevy SB V-8 LM ExtBal	KC3948	1-1/8" x 10 spline
	KC3949	1-5/32" x 26 spline
Chevy LS1 V-8	KC3048	1-1/8" x 10 spline
	KC3049	1-5/32" x 26 spline

5-BOLT CLUTCH KITS



2 DISC PowerSTAR CLUTCH ASSY

Chevy SB V-8 EM	KS2148	1-1/8" x 10 spline
	KS2149	1-5/32" x 26 spline
Chevy SB V-8 LM ExtBal	KS2948	1-1/8" x 10 spline
	KS2949	1-5/32" x 26 spline
Chevy LS1 V-8	KS2048	1-1/8" x 10 spline
	KS2049	1-5/32" x 26 spline

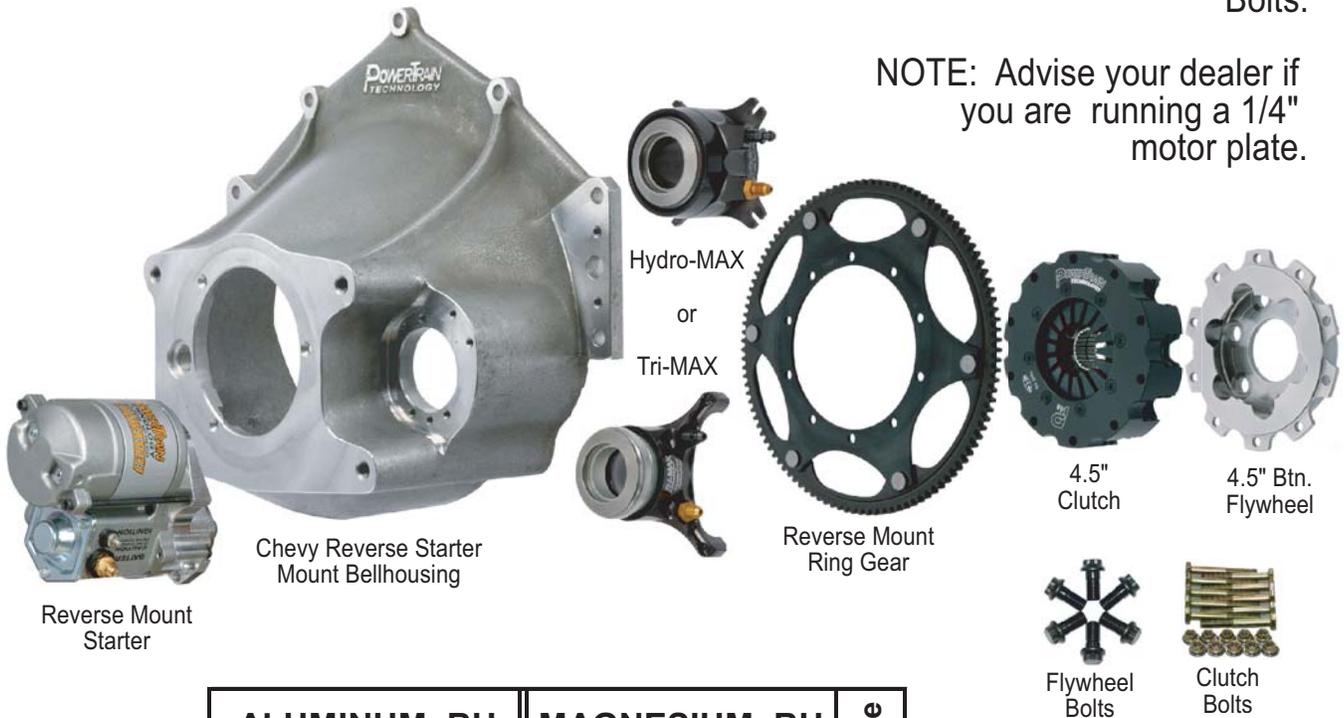
3 DISC PowerSTAR CLUTCH ASSY

Chevy SB V-8 EM	KS3148	1-1/8" x 10 spline
	KS3149	1-5/32" x 26 spline
Chevy SB V-8 LM ExtBal	KS3948	1-1/8" x 10 spline
	KS3949	1-5/32" x 26 spline
Chevy LS1 V-8	KS3048	1-1/8" x 10 spline
	KS3049	1-5/32" x 26 spline

4.5" Clutch Reverse Starter Mount Bellhousing Kits

Kit includes: Clutch, LtWt Button Flywheel, Reverse Starter Mount Bellhousing (aluminum or magnesium), Reverse Mount Starter, Hydraulic Release Bearing with External Bleeder kit (Hydro-MAX or Tri-MAX), Reverse Mount Ring Gear, Clutch Bolts & Flywheel Bolts.

NOTE: Advise your dealer if you are running a 1/4" motor plate.



Reverse Mount Starter

Chevy Reverse Starter Mount Bellhousing

Hydro-MAX
or
Tri-MAX

Reverse Mount Ring Gear

Flywheel Bolts

Clutch Bolts

	ALUMINIUM BH		MAGNESIUM BH		Spine	Hydraulic Rel. Brg.
	2 Disc	3 Disc	2 Disc	3 Disc		
Chevy SB V-8 EM	BC2118	BC3118	BC2158	BC3158	10T	Hydro-MAX drop-in HRB Tri-MAX bolt-in HRB
	BC2128	BC3128	BC2168	BC3168		
	BC2119	BC3119	BC2159	BC3159	26T	Hydro-MAX drop-in HRB Tri-MAX bolt-in HRB
	BC2129	BC3129	BC2169	BC3169		
Chevy SB V-8 LM	BC2818	BC3818	BC2858	BC3958	10T	Hydro-MAX drop-in HRB Tri-MAX bolt-in HRB
	BC2828	BC3828	BC2868	BC3968		
	BC2819	BC3819	BC2859	BC3959	26T	Hydro-MAX drop-in HRB Tri-MAX bolt-in HRB
	BC2829	BC3829	BC2869	BC3969		
Chevy SB V-8 LM Ext. Bal.	BC2918	BC3918	BC2958	BC3958	10T	Hydro-MAX drop-in HRB Tri-MAX bolt-in HRB
	BC2928	BC3928	BC2968	BC3968		
	BC2919	BC3919	BC2959	BC3959	26T	Hydro-MAX drop-in HRB Tri-MAX bolt-in HRB
	BC2929	BC3929	BC2969	BC3969		
Chevy LS1 V-8	BC2018	BC3018	BC2058	BC3058	10T	Hydro-MAX drop-in HRB Tri-MAX bolt-in HRB
	BC2028	BC3028	BC2068	BC3068		
	BC2019	BC3019	BC2059	BC3059	26T	Hydro-MAX drop-in HRB Tri-MAX bolt-in HRB
	BC2029	BC3029	BC2069	BC3069		

EM = Early Model '85 & earlier, LM = Late Model '86 to '97

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4.5" Clutch Packs

Sintered Metallic .105" Thick	PC116Axx	1D w/ Metallic Lining
	PC216Axx	2D w/ Metallic Lining
	PC316Axx	3D w/ Metallic Lining
	PC416Axx	4D w/ Metallic Lining
Iron .105" Thick	PC158Axx	1D w/ Hi-Torque Iron Lining
	PC258Axx	2D w/ Hi-Torque Iron Lining
	PC358Axx	3D w/ Hi-Torque Iron Lining
	PC458Axx	4D w/ Hi-Torque Iron Lining



3D x .105" thick metallic



3D x .105" thick high torque iron

xx = Spline Size (see chart page 28)

4.5" Button Flywheels

EM = Early Model '85 & Earlier, LM = Late Model '86 to '97

Chevy	FC101	LtWt, Button, Chevy SB V-8 EM
	FC103	LtWt, Button, Chevy SB V-8 LM
	FC1031	LtWt, Button, Chevy SB V-8 LM, Ext. Bal.
	FC105	LtWt, Button, Chevy LS1, V-8
	EB102	Balance Weight Only, Chevy SB V-8 LM
Chrysler	FC203	LtWt, Button, Chrysler, 6 Bolt
Ford	FC301	LtWt, Button, Ford SB V-8
Flywheel Bolts	NK407076	Chevy, Ford, Chrysler SB V-8
	NK400076	Chevy LS1 V-8



Chevy SB V-8 EM LtWt Button Flywheel



Flywheel Bolts

Bolt Kits for 4.5" Clutches

NK104160	Bolt Kit, 2 Disc
NK104180	Bolt Kit, 3 Disc
NK104200	Bolt Kit, 4 Disc
NK104165	Bolt Kit, 2 Disc for PowerSTAR
NK104185	Bolt Kit, 3 Disc for PowerSTAR
NK104205	Bolt Kit, 4 Disc for PowerSTAR



Clutch Bolts

4.5" Replacement Clutch Parts

Cover Assy. 10-bolt	CC101	Clutch Cover Assy., 1D X .105"
	CC201	Clutch Cover Assy., 2D X .105"
	CC301	Clutch Cover Assy., 3D X .105"
	CC401	Clutch Cover Assy., 4D X .105"
Cover Assy. 5-bolt	CC151	Clutch Cover Assy., 1D X .105"
	CC251	Clutch Cover Assy., 2D X .105"
	CC351	Clutch Cover Assy., 3D X .105"
	CC451	Clutch Cover Assy., 4D X .105"
Pressure Plate	CC031	10-bolt, Steel, Std. Fulcrum
	CC037	5-bolt, Steel, Std. Fulcrum
Floater Plate	CC041	Floater Plate
	CC042	LtWt for 10-bolt clutch
	CC047	LtWt for 5-bolt clutch



4.5" Cover Assembly



4.5" Pressure Plate



4.5" Floater Plate



4.5" 5-Bolt LtWt Floater