

# A Little History!

Centerforce's reputation as the clutch system of choice stretches back to the early 1980's when legendary Hot Roder and SEMA Hall of Fame member, Bill Hays sought to cure problems with existing designs while developing a competition-rated clutch/pressure plate system suitable for use with non-asbestos friction facings. Bill's remarkable innovation was soon patented as the Centerforce® Weighted Clutch System. The Centerforce® design applies proven principles of weight and centrifugal force to develop the increased clamping loads modern clutch facings require while maintaining easy pedal effort and eliminating old-style diaphragm "over-center" problems disastrous to high-performance engines.

In 1982, the Hays family founded Midway Industries, Inc. to meet growing national demand for Centerforce® products. Subsequent innovations throughout 7 different performance levels, demonstrate our commitment to the continuous research, product development, and customer satisfaction. This continuous development and improvement of product offerings is reflected in the unique features of the Centerforce® clutch line being protected under nine separate (9) U.S. patents. Today, Centerforce® has over 1700 different non-asbestos clutch/pressure plate applications available to the automotive enthusiast.

Midway Industries, Inc. and Centerforce® are proud to be a three-generation family owned business, World headquartered and manufacturing exclusively in Prescott, Arizona, committed to create the highest quality and most innovative products available. Centerforce® clutch systems are the performance enthusiast's first choice and can be found on leading OEM and customized vehicles worldwide.

Centerforce

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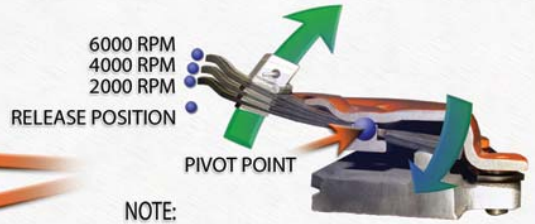
GET A GRIP



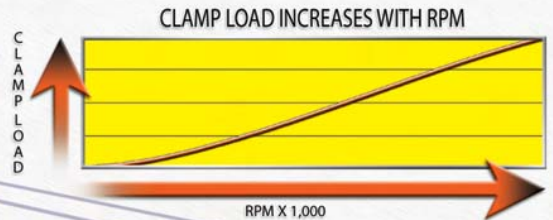
[WWW.CENTERFORCE.COM](http://WWW.CENTERFORCE.COM)

# TECHNOLOGIES

## CENTERFORCE® CENTRIFUGAL WEIGHT SYSTEM



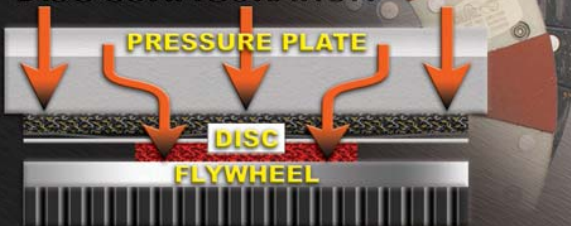
NOTE:  
Clutch finger movement has been exaggerated for demonstration purposes.



## BALL BEARING PRESSURE PLATES



## DUAL FRICTION® DISC CONFIGURATION



INCREASING HOLDING CAPACITY BY  
CONCENTRATING PSI FROM THE  
PRESSURE PLATE, THROUGH THE DISC  
, AND TO THE FLYWHEEL

US PATENTS: 5375688 - 5499704  
6814207 - RE37548 - D537762  
FOREIGN PATENT: 1254677  
OTHER PATENTS PENDING

# PRODUCTS



## • ACCESSORIES •

DISCS

RELEASE BEARINGS

PILOT BEARINGS

ALIGNMENT TOOLS

BOLT KITS

HIGH QUALITY, PERFECT FIT & FUNCTION



## • CENTERFORCE II •

INCREASES CLAMPLOAD

BETTER FRICTION MATERIAL

DEVELOPED TO TAKE MORE ABUSE

USED MODERATELY POWERED

STREET VEHICLES

GREAT FOR TOWING AND OFF-ROAD



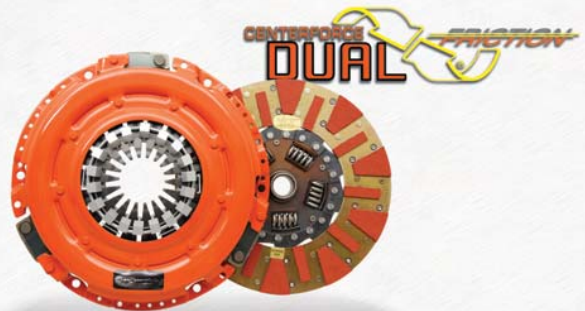
## • CENTERFORCE I •

HIGH QUALITY MATERIALS

INCREASED LIFE SPAN

FACTORY FIT

ENGINEERED AS A HIGH QUALITY  
REPLACEMENT FOR STREET USE AND  
LIGHTLY MODIFIED VEHICLES



## • DUAL FRICTION •

INCREASED CLAMPLOAD

SEGMENTED FRICTION SURFACE

CONCENTRATES CLAMPING PRESSURE

BEST BALANCE OF STREET  
& TRACK PERFORMANCE

FOR DAILY DRIVING AND WEEKEND FUN



The Definition of DYAD:

"dy ad! Two units treated as one; a couple; a pair, or combining power of two."



## • DFX SERIES •

HIGH QUALITY FRICTION  
 ADDED DURABILITY  
 EXCELLENT HOLDING CAPACITY AND BITE  
 BUILT FOR HIGH POWER VEHICLES THAT  
 WANT THE BEST HOLDING CAPACITY  
 FROM A SINGLE DISC CLUTCH



## LMC SERIES

## • LMC SERIES •

ALUMINUM PRESSURE PLATE  
 HIGH PRESSURE COVER ASSEMBLY  
 STEEL (REPLACEABLE) FRICTION SURFACE  
 LIGHT WEIGHT, EXCELLENT HOLDING  
 CAPACITY, & SMOOTH PERFORMANCE  
 DEVELOPED FOR RACING & HIGH RPM'S

- PATENT PENDING -  
 FULLY DAMPENED CLUTCH SYSTEM  
 DEVELOPED FOR VEHICLES WITH  
 EXTREME POWER LEVELS



NEW MULTI DISC  
 FLOATING DISC  
 AND DRIVE  
 DISC DESIGN

SMOOTH  
 ENGAGEMENT  
 AND  
 LIGHT PEDAL EFFORT

HIGH TORQUE CAPACITY

GREATER LONGEVITY

ARP FASTENERS

GREAT DRIVER  
 CONTROL

PRESSURE  
 PLATE



FLOATING DISC



FLOATER



DRIVE DISC



FLYWHEEL



DYAD DS  
 TWIN DISC  
 ASSEMBLY

