



Installation Manual
< Multi- Plate Clutch >

Product number	Vehicle application		
	Make	Type	Engine type
GT01SD	CHEVY	CORVETTE 1997 – 2004	5.7L (LS1 / LS6)
	PONTIAC	GTO 2004-On	
ET01SD ET02SD ET03SD	FORD	MUSTANG 1996 - 2004	4.6L (SOHC/DOHC)

Thank you for purchasing an Exedy Racing Clutch.
 Please read through this installation manual before use.
 Please keep this manual during the life of the product.



for further information
 please make contact with
 DAIKIN CLUTCH CORPORATION
 8601 Haggerty Rd. S.
 Belleville, MI, 48111
 Phone: (800) 346 – 6091
 Fax: (734) 397 – 7300
www.Daikin-Clutch.com

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Installation manual introduction

This installation manual includes useful information to prevent problems from occurring during installation.

1. Please read through this manual before installation.
2. Installation work has to be done by a professional installer who will use the product safely.
3. Please do not use the product wrongfully nor modify the parts. In such case, we will not take any responsibility.
4. We will not accept any claim nor return as this product is used predominately for racing and specification may change without prior notice.
5. Please keep this manual following installation.

For safety

Please note the following as these are important warnings and cautions for our customers.



Warning

Ignoring this warning may cause death or extreme injury.



Caution

Ignoring this caution may cause injury or damage.

Caution during handling



As this product is heavy handle carefully when removing it from the box.



Do not place the product on the floor directly as this may cause rust to appear on the product.



Do not throw or drop the product as it is a precision part.

Caution during installation



Use a licensed installer as the transmission unit is to be taken out of the vehicle.



Install the product according to the maintenance manual of the vehicle and this installation manual.



Do not apply this product to vehicles other than those specified by EXEDY.



Do not modify this product unless instructed to in this manual.



If a failure such as abnormal noise, vibration, odor or disengagement problem occurs during driving, stop the vehicle immediately and have a licensed garage inspect the vehicle.

Installation procedure

1. Loosen the clutch cover to flywheel bolt and disassemble the kit.
(See attached photo #A1)

Caution



Do not loosen the bolt which fastens the intermediate plate to the adapter ring. If this bolt is loosened by accident, tighten once again using Locktight No272 to 13.3 - 19.8 Lb-ft (17.7 - 26.5 Nm). (See attached photo #A2)

2. Use the specified bolt (Flywheel installation bolt) and fix the flywheel to the crankshaft according to the maintenance manual issued by the vehicle manufacturer.

Tighten the crank bolt diagonally with equal force applying torque as specified by the vehicle manufacturer.

Product Number	Vehicle	Specified torque
GT01SD	CORVETTE	74 Lb-ft (99 Nm)
ET01SD ET02SD ET03SD	MUSTANG	59 Lb-ft (79 Nm)

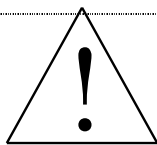
3. Assembly

<Order of assembly> Twin plate

Flywheel -> Flywheel Disc -> Intermediate Plate / Pressure Plate Side
Disc-> Clutch cover Assy.

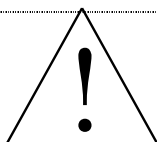
Order of assembly

The clutch cover, intermediate plate set and flywheel should be assembled in a manner which allows the painted balance mark to be aligned.



Caution

If the marking is not met, it will cause unbalance, noise and vibration problems.



Caution

Be careful of the direction/location of the discs.
Discs should be facing the same direction.



Caution

Apply grease specified by the vehicle manufacturer to the spline hub then insert the shaft and wipe away any grease that is forced out.

4. Set up the center bar to the pilot at engine side, center each disc and align the teeth. Tighten the clutch cover bolt.
The genuine main drive shaft is recommended for this process.



Caution

If the clutch plate centers are not aligned, it will be difficult to assemble the T/M and it will cause damage to the discs.

Specified torque of clutch cover to flywheel bolt: 17.5 - 24.5 LB-ft (23 - 33Nm)

* Unequal bolt tightening will cause disengagement problems and judder/shudder.

5. Confirm that lever height is equal after tightening. If it is not equal, then restart from procedure 3.
6. Replace the T/M.
Purchase a new release bearing and apply grease to sliding surface.
Follow the maintenance manual issued by the vehicle manufacturer.





Caution

Do not hit the spline teeth with the edge of the main drive shaft. It will cause disengagement problems or damage to the clutch disc.


7. Stroking adjustment
After installing of this kit, the pedal position (engagement or disengagement point) may change.
Adjust the pedal according to the maintenance manual issued by the vehicle manufacturer.


Caution during operation


1.  **Caution**
After installation, drive carefully and gently for approx. 400 miles (640 km). If the clutch is used in a condition where the friction surface is not contacting fully with the mating surface; It will cause burning, judder/shudder or short life.

2.  **Caution**
It is recommended to re-adjust the pedal stroke after the break in period. Due to the nature of metal facing material, half engaged clutch operation will also be affected after break in period but this is a normal symptom.

3. In the early stage, it is not abnormal if subtle noise and chattering occurs. This is due to the characteristics of metal facings.

4.  **Warning**
Do not change any release control function of the vehicle. (The clutch is used under normal condition.)

5.  **Warning**
This clutch system is specially designed for racing purposes, therefore pedal effort is slightly heavier and start operation is more difficult than standard manual clutch products. Avoid using if you are not completely confident with your driving technique and physical strength.

6.  **Caution**
The life of a metal clutch may be adversely affected by driving technique and driving conditions.

<Advice>

Record the new release fork position and confirm its variation.

Facing wear amount can then be foreseeable. Preventative maintenance before the discs are worn out is a key factor to maintain steady performance.

Maximum facing wear: Facing thickness 0.106 inch (2.7 mm)
(at new 0.142 inch (3.6 mm))

7.



Warning

Caution: If the clutch is used in the half engaged position for extended periods of time, the clutch set will generate high temperatures. This high heat creates expansion or deformation which causes disengagement problems temporarily or permanently. If this occurs stop driving and allow the clutch to cool down. For maximum friction surface temperatures see over.

8.



Warning

Do not machine any part of this product, otherwise the strength of each part will be reduced and may fail prematurely.

9.



Warning

The bolts have to be tightened at the specified torque. The mating surfaces should be cleaned, wiped with a clean towel to remove any foreign waste they may affect the performance of the clutch.

10.



Warning

The bolts are the very important parts. Use either genuine parts or the bolts included as auxiliary parts in the box.
Do not reuse the old bolts after un-tightening.

(Ref #A1) (PRESSURE PLATE COVER TO FLYWHEEL BOLTS)



(Ref #A2) (NEVER LOOSEN THE INDICATED CAP SCREW)

