

## 8 INCH SPECIFICATIONS AND PARTS LIST

**Warning:** Be sure to remove the three 1/4"-20 socket head capscrews after installing the pressure plate. These keep the pressure plate from binding when removing the cover from the flywheel. They will also be necessary for disassembling the cover assembly.

8 inch Technical Information

## UNIT SPECIFICATIONS

Base pressure and static adjustment (clockwise to increase)

Base pressure - 0 lbs.

Adjustment - 30 lbs/turn (8 turns max)

## TORQUE SPECIFICATIONS

Stand bolts - 75 ft/lbs (use anti-seize on threads)

Flywheel - 85-100 ft/lbs (7/16" bolts), 100-125 ft/lbs (1/2" bolts)

Use blue Loctite, no washers

## LS8D LEVER RING HEIGHT, LEVER HEIGHT, AND WEIGHTS

1.015" through checking hole to pressure ring

Lever height - .300" above the top of the cover measured with a straight edge

LS8D 3/16 thick - 36 grams, 1/4 thick - 48 Grams

## FIXED VS. FLOATING YOKE

Fixed yoke attaches to pressure ring from friction side of ring, floating attaches with a pin from backside of ring

## LEVER ASSEMBLY - ID GUIDE

### Floating Yoke



## Fixed Yoke



**Note:** Check Flywheel bolt shoulder and overall length to make sure the bolts do not bottom out on the shoulder or hit the back of the engine block. Use either red or blue loctite on the flywheel bolts. Re-torque the flywheel bolts after the first run and each time the pressure plate is removed for servicing the unit. **NEVER USE STAR WASHERS ON AN ALUMINUM FLYWHEEL.**

## COUNTERWEIGHT ADJUSTMENT

Steel Bolt 1/4"-20 x 1 1/4"	9.3g
Steel Bolt 1/4"-20 x 1	7.6g
Steel Bolt 1/4"-20 x 3/4	6.4g
Aluminum Bolt 1/4"-20 x 3/4	2.2g
Steel Nut	3.3g
Aluminum Nut	1.1g
Steel Washer	1.0g

## REPAIR PARTS LISTING

LEVER AND YOKE ASSEMBLY	QTY. REQ.	NOTES
LS8D, 1/4 thick	6	
LS8D, 3/16 thick	6	
LS8D-1, 1/4 thick fixed yoke	6	
LS8D-1, 3/16 thick fixed yoke	6	
Yoke, floating	6	Floating yokes attach to the pressure ring with a pin and bolts
Yoke, fixed	6	Fixed yokes attach to the pressure ring with a c/s allen screw from the friction surface side of the ring
Pin, lever pivot, 5/16 x 1 1/4"	6	Fits into upper lever and fastens to the top of the cover
Pin, lever to yoke, 1/4 x 5/8"	6	Links bottom of lever to top of yoke
Pin, yoke to plate, 1/4 x 1 1/4"	6	Links bottom of yoke to pressure ring

Capscrew, lever pivot 5/16 x 18 x 3/4	12	Attaches lever pin to top of the cover
Capscrew, yoke pivot 1/4 x 20 x 1/2	12	Attaches yoke pin to the pressure ring
Capscrew, countersunk, fixed yoke, 5/16 x 7/8"	6	Attaches fixed yoke to pressure ring from friction side
Set screw, lever height adjustment	12	Installs in lever pin slot in top of the cover to adjust lever height

#### STANDS/SPRINGS/ADJUSTERS

Adjustable stand, .875", 2 disc	6	
Adjustable stand, .875", 3 disc	6	
Through bolt, 2 disc, 1/2"	6	
Through bolt, 3 disc, 1/2"	6	
Stand spacer, 3 disc (recommend changing stand)	6	Adapts 2 disc stand to 3 disc clutch
Cover nut, 1/2 x 20	6	
Pressure adjuster screw w/ nut	6	
Pressure adjuster cap	6	
Spring cup	6	
Spring set '0' base	6	

#### DISCS AND FLOATERS

Clutch disc 5191 compound 1 3/8-10 spline, pn 1331  
Floater plate, steel, pn 3530  
Floater plate, bronze, pn 4530  
Nearly every clutch uses 1 3/8-10 spline, can verify 10 spline with customer

#### COVER, PRESSURE RING, REPLACEMENT INSERTS

Replacement cover	1
Pressure ring, floating yoke	1
Pressure ring, fixed yoke	1
Replacement pressure plate insert & screws	1
Replacement pressure plate insert & screws (fixed yoke)	1
Replacement flywheel insert & screws	1

#### REPLACEMENT FLYWHEELS (INCLUDES INSERT AND BOLTS)

Chevrolet w/ 168 tooth ring gear	1	
Chevrolet w/ 153 tooth ring gear	1	
Chevrolet w/ 142 tooth ring gear	1	
Ford BB w/ 168 tooth ring gear	1	
Chrysler 8 bolt w/ 168 tooth ring gear	1	Verify pilot bearing in flywheel or crank?

## ACCESSORIES

	P/N
Dial gauge, LS8D lever 1.015" ring height	573
Gauge checker for pn 573 gauge	574
Stand strap	583
Counterweight set w/ box	570
Counterweight washer set, 1-30 grams	571
Mallory heavy weight kit, 6-10 grams	572
Flywheel bolt set, 7/16 x 1	575
Flywheel bolt set, 1/2 x 1	596
Ring gear 142 tooth .300 thick (ground)	