

10 INCH 6 LEVER 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.

UNIT SPECIFICATIONS

BASE PRESSURE AND STATIC ADJUSTMENT (COUNTERCLOCKWISE TO INCREASE)

420 lbs. (yellow spring) 15 lbs/turn

690 lbs. (black spring) 20 lbs/turn

950 lbs. (red spring) 30 lbs/turn

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

LS10P5 LEVER RING HEIGHT, LEVER HEIGHT, AND WEIGHTS

1.015" through checking hole to pressure ring

.200" gap between cover and pressure ring

Lever height - .030" below the top of the cover measured with a straight edge

LS10P5 1/4 thick - 52 Grams, 5/16" thick - 72 Grams

S104 LEVER RING HEIGHT, LEVER HEIGHT, AND WEIGHTS (THIS LEVER HAS 2 COUNTERWEIGHT HOLES)

1.165" through checking hole to pressure ring

.350" gap between cover and pressure ring

Lever height - .235" above the top of the cover measured with a straight edge

S104 weights - 5/16 thick - 55 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

HD Fixed yoke

HD fixed yoke assemblies will have a bushing in the lever pivot pin hole

LEVER ASSEMBLY TYPES - ID GUIDE

FLOATING YOKE



FIXED YOKE



NEW BUSHING STYLE



Note: Check the 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

Mallory Weight	10.1g
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

Lever Pressure Applied (1 gram per lever)

5000	51lbs.
6500	85lbs.
7400	111lbs.

REPAIR PARTS LISTING**LEVER AND YOKE ASSEMBLY**

	QTY.REQ	NOTES
LS10P5, 1/4 thick, 1 counterweight hole	6	
LS10P5, 5/16 thick, 1 counterweight hole	6	
LS10P5-2, 1/4 thick, FIXED YOKE	6	
LS10P5-2, 5/16 thick, FIXED YOKE	6	
LS10P5-3, 1/4 thick, HD FIXED YOKE	6	Lever will have a bushing in the pin hole
LS10P5-3, 5/16 thick, HD FIXED YOKE	6	
LS10P5-3, 5/16 thick, HD FIXED YOKE	6	Lever will have a bushing in the pin hole
S104, 5/16 thick, 2 counterweight holes	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
Yoke, fixed HD	6	Lever will have a bushing in the pin hole
Bushing, brass lever pivot	6	Lever will have a bushing in the pin hole
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 w/ screw	6	
Spring cup	6	
Spring set 420 lbs.	6	
Spring set 690 lbs.	6	
Spring set 950 lbs.	6	

DISCS AND FLOATERS

Clutch disc 5191 compound 1 3/8-10 spline, pn 1371
Floater plate, steel, pn 3525

Floater plate, bronze, pn 4525

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	
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, LS10P5 lever 1.015" ring height	573
Dial gauge, S104 lever 1.165" ring height	573-1
Gauge checker for pn 573 gauge	574
Gauge checker for pn 573-1 gauge	574-1
Stand strap	577
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
Pilot bearing for Chrysler flywheel	576