

# INSTALLATION-SERVICE INSTRUCTIONS

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Bulletin #4

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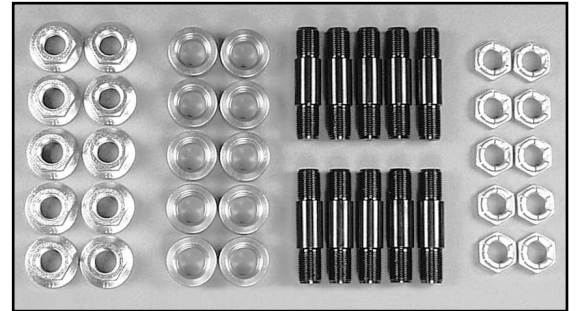
## Drive Stud Kits

3-9-2017

### PART NUMBERS :

### DESCRIPTION :

51500.....	Drive stud kit with 1 1/2" shoulder
51540.....	Drive stud kit with 7/8" shoulder
51560.....	Drive stud kit with 2" shoulder
51580.....	Drive stud kit with 1 3/16" shoulder
51590.....	Drive stud kit with 1 3/4" shoulder



### PARTS INCLUDED :

10 - 51501.....	Drive stud (51500 kit).
10 - 51541.....	Drive stud (51540 kit).
10 - 51561.....	Drive stud (51560 kit).
10 - 51581.....	Drive stud (51580 kit).
10 - 51591.....	Drive stud (51590 kit).
10 - 51530.....	Lug nut for Snap Lock Washer. (Optional Alumun nuts available at extra cost)
10 - 31FK-1018.....	5/8-18 self locking jam nut.

### VARIABLE PARTS :

### DESCRIPTION:

10 - 55017.....	Drive stud washer, 3/16" thick (steel)
10 - 55013.....	Drive stud washer, 3/8" thick (alum)
10 - 55014.....	Drive stud washer, 9/16" thick (alum)
10 - 55015.....	Drive stud washer, 3/4" thick (alum)

### PRIMARY APPLICATIONS :

Drag racing or any other application that uses an aluminum racing wheel with an 11/16" hole.

### INSTALLATION OVERVIEW :

- 1) Clean axle flange, threads and studs with solvent.
- 2) Install stud with square shoulder toward axle flange, screw studs into flange with a small amount of Loctite (#271) applied to the threads in the axle flange. Be sure axle threads have adequate chamfer so that shoulder of stud seats square. Install stud with stud installation tool (collect type preferred) and torque to 50-60 foot pounds.
- 3) Install thin locking nuts and torque to 40-45 foot pounds.
- 4) Stud holes in brake drums or adapter hats must be opened up to 23/32" to allow clearance around the stud shoulder (11/16").
- 5) Before installing wheel with brake drum or adapter hat in place, slide one of the aluminum washers on a stud and screw lug nut on by hand until bottomed out. Measure the distance between the washer and the brake drum or adapter hat. This measurement must be at least 1/16" less than the thickness of the wheel to assure proper grip ("A" in insert below).
- 6) Apply anti-seize lubricant and then torque lug nuts to between 85 and 90 foot pounds.

### MAINTENANCE REQUIREMENTS :

Periodic visual inspection of threads and straightness of stud. Re-torque stud and metal thin locking nut if necessary.

