INSTALLATION-SERVICE INSTRUCTIONS

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Bulletin #42

Page 1 of 1 Titanium Drive Stud Kits

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PART NUMBERS :

DESCRIPTION:

41540	5/8"-18 drive studs w/ 7/8" shoulder
41560	5/8"-18 drive studs w/ 2" shoulder
41580	5/8"-18 drive studs w/ 1 3/16"
	shoulder

PARTS INCLUDED :

10 -	41541	Titan	nium	stud	(41540	kit).
10 -	41561	Titan	nium	stud	(41560	kit).
10 -	41581	Titar	nium	stud	(41580	kit).
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- 10 5152X.....Aluminum lug nut.
- (see variables below) 10 - 31FK-1018......5/8-18 self locking jam nut.

VARIABLE PARTS :

10 - 51521.....Aluminum lug nut w/ stainless washer 1/8" counterbore..

10 - 51521.....Aluminum lug nut w/ stainless washer 3/8" counterbore.

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, screw aluminum lug nut on by hand until bottomed out. Measure the distance between the washer on the lug nut 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) Lug nut torque to be 85-90 foot pounds.

MAINTENANCE REQUIREMENTS :

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



