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INSTALLATION GUIDE



5712-F20

**Heavy Duty Billet
Tie-Rod Adjusting Sleeve Set**



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DESCRIPTION:

BILLET TIE-ROD ADJUSTING SLEEVE SET, 5/8-18 THREADS X 4" LONG, WITH RIGHT HAND AND LEFT HAND JAM NUTS

APPLICATIONS:

'70-81 CAMARO AND '71-77 CHEVELLE

PARTS LIST

Item	Part Number	Description	Qty
1	3102-069-18LY	Jam Nut 11/16-18 Left, Yellow Zinc Plated 1" Hex	2
2	3102-069-18RC	Jam Nut 11/16-18 Right, Clear Zinc Plated 1" Hex	2
3	7900-173	Tie-Rod Sleeve 4.00 x 11/16-18 with Right & Left Threads with 1" Hex	2

INFORMATION

- Hex of adjusting sleeve is closest to left handed threads
- Jam nuts are to be tightened against the adjusting sleeve
- Replacement of inner and outer tie rods is recommended at the time of adjusting sleeve installation

INSTRUCTIONS

1. Note orientation/placement of original tie rods by size or thread direction prior to removing from vehicle. Replacement components are not marked as 'inner' and 'outer'.
2. Measure length of tie-rod assembly (pivot center of inner to pivot center of outer) prior to removing. This measurement will be used to initially adjust the new tie-rod assembly.
3. Fully thread each jam nut onto its appropriate tie rod. Use one jam nut per tie rod.
4. Use anti-sieze or similar thread lubricant on the inner threads of the adjustment sleeve only.
5. Thread each tie rod into adjusting sleeve three complete turns to ensure equal thread engagement. The hex on the billet sleeve is closest to the left-hand threads.
6. Install each tie-rod stud into its appropriate tapered seat without changing the thread engagement balance by more than 1/4 turn.
7. Torque castle nuts to 35-45 lb.ft.
8. Install cotter pins and bend prongs over stud.
9. Turn the adjusting sleeve to shorten the assembly to the correct length as previously measured.
10. Use a 1" open-end wrench to hold the sleeve hex while tightening the jam nuts against the adjusting sleeve.
11. Loctite™ or similar fastener securing lubricant should be used at the jam nuts during final alignment procedure.