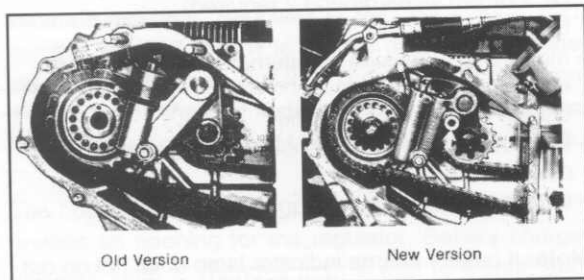


Subject: Hydraulic Tensioners

Page
1 of 2

Hydraulically cushioned chain tensioners, part number 930 105 058 03 are installed beginning with 1984 models 911 Carrera and 911 Turbo.



These chain tensioners have direct connection on the lubricating oil circuit. Oil feed is branched off from the lines to the camshaft housings and supplied via the timing case covers to the chain tensioners. There are no changes on the bearings and mounting parts for the new chain tensioners in the timing case as compared with the old version. Timing case covers have a bore for oil feed.

Repair Information: These new tensioners can be installed in cars back to 1968 - 83 model 911 and 911 Turbos.

Installation kit for left chain tensioner, part number 930 105 911 00, consists of:

1	Cover	930 105 063 08
1	Plug	N 016 155 3
1	Seal	N 013 814 8
1	Oil Hose	930 107 347 03
1	Oil Hose	930 107 347 02
1	Chain Tensioner	930 105 058 03
1	Seal	999 701 690 40
1	Hollow Union Bolt	N 021 073 1
2	Seal	N 013 807 2
1	Coupling	900 104 003 02
1	Self-Tapping Ring	N 020 825 1
1	Support	930 107 341 00
1	Screw	900 119 059 02
1	Clip	900 511 174 02
1	Gasket	930 105 191 01
10	Washer	900 031 011 30

10	Nuts	N 011 183 11
1	Support	930 107 342 01
1	Screw	900 119 059 02
1	Clip	999 511 174 02

Installation kit for right chain tensioner, part number 930 105 912 01 consists of:

1	Cover	930 105 064 10
1	Oil Hose	930 107 348 07
1	Oil Pipe	930 107 348 09
1	Support	930 107 342 01
1	Bolt	900 119 059 02
1	Clip	999 511 174 02
1	Chain Tensioner	930 105 058 03
1	Seal	999 701 690 40
1	Hollow Union bolt	N 021 073 1
2	Seal	N 013 807 2
1	Coupling Nut	900 104 003 02
1	Self Tapping Ring	N 020 825 1
1	Gasket	930 105 192 01
11	Washer	900 031 011 30
11	Nuts	N 011 183 11

Important Note: On 1980 and earlier models up to the following engine numbers:

- 630 1091
- 630 9033
- 640 0450
- 630 8135
- 670 0106
- 689 1301
- 689 0684
- 670 8023

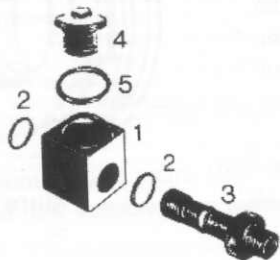
Install 2 x 930 105 513 00 Spacer Bushings.

IMPORTANT NOTE: This technical bulletin is a copy of an original factory bulletin, some of the part numbers listed may have been superseded. Use the information from this bulletin for repair, for the latest part numbers, refer to our catalog.

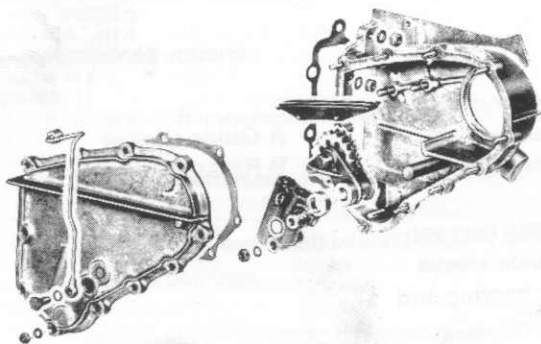
Subject: Hydraulic Tensioners

Page
2 of 2

On 1968 - 1973 models, the right side oil supply hose will not be long enough as provided. To correct, install adaptor block where inboard end of hose connects to case. The following additional parts will be required:



1	Block	1 x 911 107 704 00
2	Seal	2 x N 013 812 5
3	Hollow Union Bolt	1 x 911 107 709 01
4	Threaded Plug	1 x 900 219 009 30
5	Seal	1 x 900 123 009 20



New chain tensioners have same installation procedures as the old version. Only initial installation requires replacement of oil lines for camshaft lubrication and installation of new lines for the chain tensioners. Mount seals on oil connections adaptors of chain tensioners to provide a seal between chain tensioners and timing case covers.

The piston of replacement chain tensioners is locked in pressed position with a pin. Remove this pin after inserting the chain tensioner.

IMPORTANT NOTE: This technical bulletin is an copy of a original factory bulletin, some of the part numbers listed may have been superseded. Use the information from this bulletin for repair, for the latest part numbers, refer to our catalog.