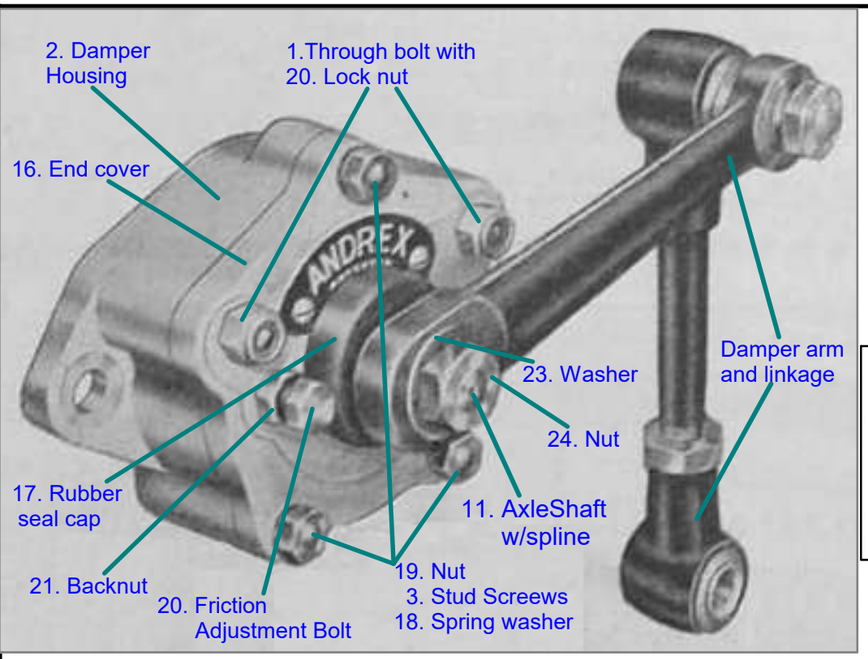


Recommended Oil type:
S.A.E. 180-190

Recommended damper setting:

Front: 24 lbs
Rear: 22 lbs

The presure is set by measuring with a scale at the end of the damper arm.

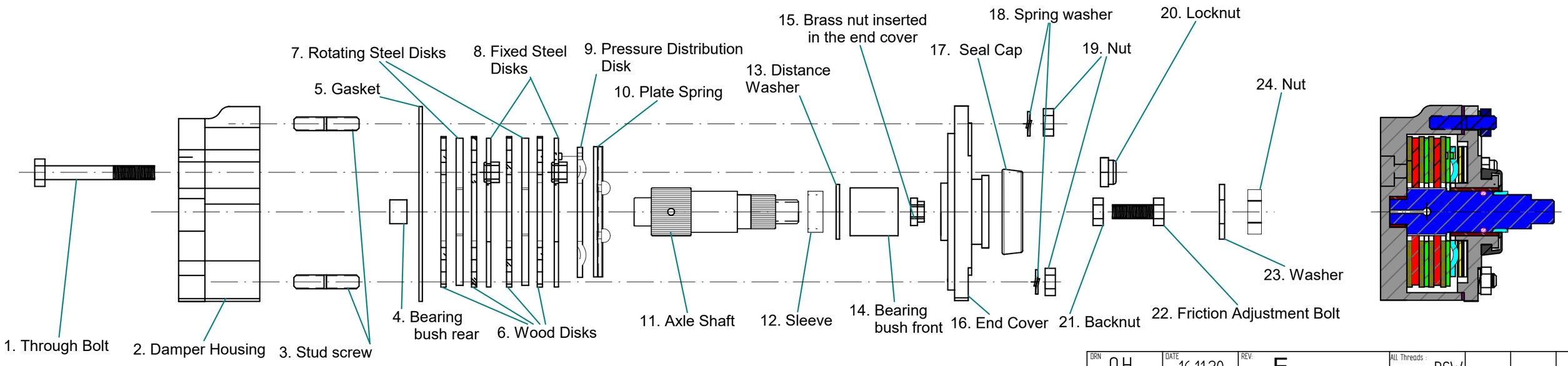
The spring pressure is adjusted by turning the *Friction Adjustmen Bolt,* after slackening the *Locknut.* There is approximately two and a half full turns of adjustment available, with each quarter turn making a difference of 3 lbs. in. loading.

NB! New wood disks must be soaked in oil for at least 24 Hrs

SPARE PARTS

Pos	ARTICLE	SUPPLIERS
4.	Bearing bush Rear	McMaster-Carr: 6381K561, 7/16"x9/16"x11/4" (Cut in to 3 pcs with length of 3/8" each) — 123Bearing: BFAI11.113-14.288-19.05-1.588-25.40 (Cut in to 2 pcs with length of 3/8"
6.	Wood Disks	VCSA, Vintage & Classic Shock Absorbers, Sandrestead, South Croydon, Surrey, UK. Graham Brown, E-mail: grahamvcsa@hotmail.co.uk
7.	Rotating steel disk	VCSA, Vintage & Classic Shock Absorbers, Sandrestead, South Croydon, Surrey, UK. Graham Brown, E-mail: grahamvcsa@hotmail.co.uk
8.	Fixed steel disk	VCSA, Vintage & Classic Shock Absorbers, Sandrestead, South Croydon, Surrey, UK. Graham Brown, E-mail: grahamvcsa@hotmail.co.uk
11.	Axle Shaft	VCSA, Vintage & Classic Shock Absorbers, Sandrestead, South Croydon, Surrey, UK. Graham Brown, E-mail: grahamvcsa@hotmail.co.uk
14.	Bearing bush Front	McMaster-Carr: 6381K548, 3/4"x7/8"x3/4", (to short but works) 6381K171, 3/4"x7/8"x1"(Cut to right length) — 123Bearing: BAI19.05-22,225-19,05 (2/8" short but it works)
17.	Seal Cap	VCSA, Vintage & Classic Shock Absorbers, Sandrestead, South Croydon, Surrey, UK. Graham Brown, E-mail: grahamvcsa@hotmail.co.uk

Pos	ARTICLE	DIMENSIONS	DESCRIPTION	PCS	MATERIAL
1.	Through bolt	2" x 1/4"BSW thrd. length 3/4"	Goes through Damper Housing for fixation of the Fixed Steel Disks and for tightening the End Cover to the Damper Housing	2	Steel
2.	Damper Housing		Oil filled. Containing all the different friction parts, axel and bearing The bottom of the housing is friction surface for the first wood disk	1	Cast Aluminum
3.	Stud screw	2 1/2" x 1/4" BSW	Together with the Through Bolts tight the End Cover to the Damper Housing	3	Steel
4.	Bearing bush rear	7/16" x 9/16", 3/8"	Inserted in the bottom of the housing, for the Axle Shafts rear end	1	Bearing Brass
5.	Gasket	Thickness : 1/32"	Paper gasket material.	1	Gasket paper
6.	Wood Disk	2,1/2" x 1,0" x 3/32"	Mainly fruit three wood (apple, plum, cherry). Beech wood also works	4	Wood
7.	Rotating steel disk	2,11/16" x 7/8 48# x1/8"	Internal splined (7/8 48#). Connected to the Axle Shafts large diameter spline	2	Steel
8.	Fixed steel disk	2 3/4" x 1 1/16" x 3/32"	Fixed to the housing by the two Through bolts going trough the two "ears" of the disks.	2	Steel
9.	Pressure Distribution Disk		Distribute the pressure from the Plate Spring to the underlaying stack of steel and wood disks	1	Steel
10.	Plate Spring		Transmitting the pressure from the adjustment screw to the Pressure Distribution Disk	1	Steel hardened,
11.	Axle Shaft		Have two splined parts, two bearing sufaces and a threaded end connects the Rotating Steel Disks to the Damper Arm	1	Steel
12.	Sleeve		Distance bush for the damper arm.Covering a part of the spline on the Axle Shaft to make a sealing surface for the Rubber Seal Cap.	1	Steel
13.	Distance washer	1" x 3/4"x 1/16".	Thrust /distance washer betweene the Axle Shaft and the End Covers internal flange	1	Steel
14.	Bearing bush front	7/8" x 3/4"x 7/8"	Bearing for the Axle Shaft going through the centre of the End Cover.	1	Bearing Brass
15.	Brass Nut	1/4" BSW	Inserted in to the End Cover for the Friction Adjustmen Bolt	1	Brass
16.	End Cover		Giving acsess to the internals of the damper. Support /holds the bearing bush for the Axle Shaft and the Friction Adjustment Bolt	1	Cast Aluminum
17.	Seal Cap		Oil seal attached to the outside flange of the End Cover	1	Rubber
18.	Spring washer		For the Stud Screws Nut	3	Steel
19.	Nut	1/4" BSW	For the Stud Screws	3	Steel
20.	Locknut	1/4" BSW	For the Through Bolts	2	Steel
21.	Backnut	1/4" BSW	Friction Adjustment Bolt backnut	1	Steel
22.	Friction Adjustment Bolt	1/4"BSW x 1 11/16"	For the regulation of the friction force of the damper. Goes through the End Cover, presses directly on to one side of the Plate Spring.	1	Steel
23.	Washer	1" x 7/16" x 3/32"	Damper arm washer	1	Steel
24.	Nut	7/16" BSW	Damper arm nut	1	Steel



DRN	DATE	REV:	ALL Threads :			
O.H	16.11.20	E	BSW			

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PROJECT: ANDREX SHOCK ABSORBERS Type TE 1 PARTS LIST

DRAWING NO:	DIM:	SCALE:
161120-OH	Inc.	1 : 4