

Bulletin #: 2000

Part ID: 7000

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Noise, Vibration, & Harshness (NVH) Lubrication Kit

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment	
All	All	All	N/A	N/A	

Revision History

Revision	Release Date	Changes	
0	October 28, 2020	Original document	

Condition

For customer complaints of noise, a new kit has been created to address these issues. It is the NVH Lubricant Kit, Part Number- PNA 721 NVH KIT





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Technical Background

The lubricants in the kit have been specially selected for noise issues encountered by customers.

- These lubricants are what manufacturers have used at the production level (in large volumes).
- The lubricants in the kit have never been available in small quantities, or at the retail level.
- They have performance characteristics surpassing the normal lubricants available to workshops.
- Items 1-11 are oils and items 12-20 are greases.

Video 1 - NVH Kit Overview

There is an application overview provided in the kit. It provides the following information-

- Application guide
- Compatibility charts
- Lubricant specification sheets









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Service Information

A brief explanation with a supporting video is provided below for the items in the kit.

NOTE: Surfaces must be clean before applying lubricants

Klüberalfa Pens, Positions 1-3

- This is a great choice for vehicle interior plastic & metal where light contact is creating the noise.
 - Low, medium, & high viscosities provide fine tuning capability.
 - Plastic to plastic
 - Metal to plastic

Video 2 - Klüberalfa Pens 1 - 3



1-3 4-6

Klüberplus Assembly Aids, Positions 4-6

- Reduces force required for assembling stubborn connections
 - Low, Medium & high viscosities for varying demands.
 - Rubber hoses
 - Door bumpers
 - Exhaust hangars
 - Sealing elements

Video 3 - Klüberplus Assembly Aids



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Klübertop Pens, Positions 7-8

- Good light contact lubricant for Elastomers (rubber type material)
 - Dry film lubricant
 - Friction reduction for O-ring assembly
 - Door seals
 - Folding top seals
 - Trunk seals

Video 4 - Klübertop Pens 7-8



Klüberalfa MR-3, Positions 9-11 A very effective lubricant for noise and friction reduction in combination with most interior materials.

- Low, medium, & high viscosities for varying demands.
 - The medium and high viscosities will leave a gloss or sheen on the surface
 - Start with the low viscosity and then work up from there
 - Test the lubricant in a small spot on the test pieces provided in the kit.
- Leather
- Textile
- Plastic

Video 5 - Klübertop MR-3 Lubricants



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Klüberbeta RM47, Position 12

- Long term grease for rubbers and plastics
 - Wide temperature range (extreme climates)
 - -40° C to 180°C (-40°F to 356°F)

Video 6 - Klüberbeta RM47



12 13 14 15 16 17 18 19 20

Klübertemp GR M30 N, Position 13

- Long term grease for particularly demanding conditions
 - Very wide temperature range (extreme climates)
 - -60°C to 200°C (-76°F to 392°F)
 - Compatible with
 - Metals
 - Sensitive plastics
 - Elastomers
 - Sway bar bushings
 - Control arm bushing to body interface

Video 7 - Klübertemp GR M30 N



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Isoflex Topas L 32 N, Position 14

- Excellent general purpose grease designed for plastic mechanisms.
 - Hinges
 - Guides
 - Window lifters
 - Sun roofs
 - Headlamps
 - AC Flaps
 - Plastic gears



Video 8 - Isoflex Topas L 32 N

Klübersynth LI 44-22, Position 15

- Low viscosity & temperature grease
 - Excellent damping and adhesion properties
 - Can withstand very cold temperatures
 - -60°C to 130°C (-76°F to 266°F)
 - Window regulators
 - Sun roofs
 - Seats
 - Headlamps
 - AC Flaps
 - Can also work in steel to plastic interfaces

Video 9 - Klübersynth LI 44-22



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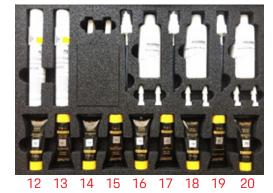
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Klüberpaste HM 96-402, Position 16

- High temperature brake paste
 - Up to 1,200°C (2,192°F)
 - Good adhesion
 - Resists washout
 - Compatible with EPDM dust seals

Video 10 - Klüberpaste HM 96-402



Klübersynth RA44-702, Position 17

- Medium viscosity synthetic grease
 - Produces a "soft feel" effect in the component motion
 - The result of mechanical damping
 - Ventilation flaps
 - Sun Visors
 - Ashtrays
 - Cup holders
 - Window regulator guides
 - Seat adjustment mechanisms
 - Sunroof guides

Video 11 - Klübersynth RA44-702



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Klüberplex RA44 -2601, Position 18

- High viscosity synthetic grease
 - Produces a "softer feel" effect in the component motion
 - The result of mechanical damping
 - Ventilation flaps
 - Sun Visors
 - Ashtrays
 - Cup holders
 - Window regulator guides
 - Seat adjustment mechanisms
 - Sunroof guides



Syntheso GLEP 1, Position 19

- Typically used as an assembly grease
 - Clutch master and slave cylinders
 - Brake boosters
 - Steering columns

Video 13 - Syntheso GLEP 1



12 13 14 15 16 17 18 19 20



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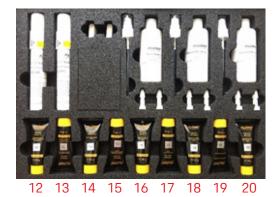
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Klübersynth JIP, Position 20

- Specialty grease for heavily loaded plastic to steel ball joints
 - Hood struts
 - Rear Lid struts

Video 14 - Klübersynth JIP



Artificial leather strip, Position 21

The artificial leather strips are for testing a lubricants effect on the appearance of an upholstered surface.

- Only use a small amount of lubricant
- Start at a corner, or edge
- The effects can be learned pretty quickly



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Tensile bar, Position 22

Can be used to aid the application of lubricant in difficult locations (particularly greases).

- Use in conjunction with interior trim tools
 - The trim tools would hold open access to a location that needs lubrication
 - The tensile bar can be used to apply the grease
- Can save the time of removing an entire component just to lubricate a small point

NOTE: Other items may also be useful in difficult to access areas.

- long cotton swabs
- popsicle sticks
- long thin paint brushes



Flash drive, Position 23

The flash drive contains the following:

- PDF copy of the Application Overview (Item 24 below)
- Video
 - Explaining the stick-slip condition that creates many of the noises we deal with.
 - The video also shows how the lubricants alleviate the stick-slip condition



Application Overview, Position 24

Provides the following information-

- Application guide
- Compatibility charts
- Lubricant specification sheets



PORSCHE

Advanced Technical Information

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Spare felts for pens, Position 25

Fine Mist Sprayer (100 ml Bottle) Position 26

Small and large orifice plastic cap nozzles (squeeze tubes) Position 27





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Warranty

- For warranty claim processing, use the designated part number listed in the grid below with the quantity necessary for the repair entered accordingly.
- A single container can be used to repair multiple vehicles.
- A "typical" application quantity for each lubricant has been established.
- Along with this quantity is a corresponding amount that may be billed to warranty.
- 1. The labor operation used in conjunction with warranty claiming will be those published in the labor time guide for the repair.
- 2. Per policy guidelines, if a labor operation does not exists in the labor time guide, then a technician may use actual time provided there is a separate identifiable punch and story to support the time claimed.

		Reimbursement		Container	
Position	Lubricant	Part Number	\$ per use	# uses per	\$ per
1	Klüberalfa YM 3-30 N	WTY0902052272	\$ 3.68	10	\$ 36.83
2	Klüberalfa DH 3-150 N	WTY0902172272	\$ 3.96	10	\$ 39.60
3	Klüberalfa DH 3-350 N	WTY0902182272	\$ 4.33	10	\$ 43.26
4	Klüberplus S 06-100	WTY0121022279	\$ 2.07	10	\$ 20.71
5	Klüberplus S 06-100 M2	WTY0123422279	\$ 2.07	10	\$ 20.71
6	Klüberplus S 06-100 M4	WTY0123432279	\$ 2.07	10	\$ 20.71
7	Klübertop TP 36-1300 N A/B Komp A	WTY0992372267	\$ 3.50	10	\$ 34.97
8	Klübertop TP 29-1310 N A-B Komp A	WTY0992242267	\$ 3.50	10	\$ 34.97
9	Klüberalfa MR 3	WTY0901180387	\$ 2.88	20	\$ 57.51
10	Klüberalfa MR 3-500 UV	WTY0902310387	\$ 3.49	20	\$ 69.84
11	Klüberalfa MR 3-800	WTY0901940387	\$ 3.65	20	\$ 72.94
12	Klüberbeta RM 47-102	WTY0222232286	\$ 6.27	5	\$ 31.37
13	Klübertemp GR M 30 N	WTY0902132285	\$ 9.94	5	\$ 49.69
14	Isoflex Topas L32 N	WTY0042272277	\$ 4.44	5	\$ 22.21
15	Klübersynth LI 44-22 UV	WTY0042902284	\$ 6.27	5	\$ 31.36
16	Klüberpaste HM 96-402	WTY0051332283	\$ 6.09	5	\$ 30.46
17	Klübersynth RA 44-702	WTY0122640216	\$ 6.64	5	\$ 33.19
18	Klüberplex RA 44-2601	WTY0203752282	\$ 7.19	5	\$ 35.94
19	Syntheso GLEP 1	WTY0121420361	\$ 8.29	5	\$ 41.43
20	Klübersynth JIP 84-402	WTY0941082281	\$ 7.37	5	\$ 36.86



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Search Items

NVH, Kit, Lubricant, oil, grease, noise, squeak, rattle

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