

FAR[®] GUN – 10U05

Far[®] brand air gun for Huck bolts & Huck structural rivet diameters 4.8, 6.4 & 7.9mm* (3/16', 1/4' & 5/16')

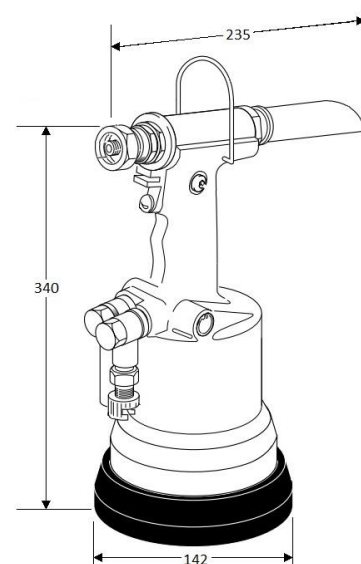
The HG-10U05 is a light-weight production tool designed for the installation of Huck bolts and rivets. The tool accepts a wide range of nose assemblies which can be quickly and easily changed covering diameters sizes: 4.8mm (3/16"), 6.4mm (1/4") *plus 7.9mm (5/16") structural rivets, steel & aluminium only.



Specification	
Weight	2.6Kg
Air Pressure	6 Bars (90-100 psi)
Stroke	19.5mm
Pulling Force	22.725Kn @ 6 bar (90-100psi)
Fastener Capacity*	Huck bolts & Huck rivets 4.8mm (3/16") & 6.4mm (1/4") plus 7.9mm (5/16") structural rivets in steel & aluminium only

* Nose assemblies sold separately.

Far Gun HG-10U05 comes with: Nosepiece adapter, wrench, air fitting, oil bottle, mandrel deflector and manual.



Warranty

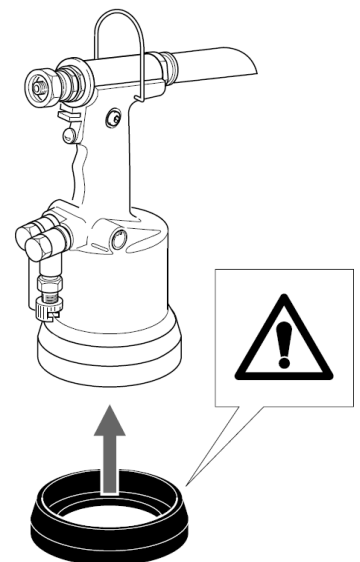
FAR tools are covered by a **12-month** warranty. The tool warranty period starts on the date of delivery to the buyer, as specified in the relevant document. The warranty covers the user/buyer provided that the tool is purchased through authorized dealer and only if it is used for the purposes for which it was conceived. The warranty shall not be valid if the tool is not used or maintained as specified in the instruction and maintenance handbook. In the event of defect failures, **FAR s.r.l.** shall undertake solely to repair and/or replace the component it judges to be faulty.

Safety Measures and Requirements

WARNING! All the operations must be done conformity with the safety requirements, in order to avoid any consequence for your and other people's security and to allow the best tool work way.

- Read the instructions carefully before using the tool.
- For all maintenance and/or repairs please contact FAR s.r.l. authourized service centers and use only **original spare parts**. **FAR s.r.l.** may not be held liable for damages from defective parts caused by failure to observe what above mentioned (**EEC directive 85/374**)
- The device must be used only by expert workers.
- A protective visor and gloves must be put on when using the device.
- For topping up the oil, we suggest using only fluids in accordance with the features specified in this working book.
- If any drop of oil touches your skin, you must wash with water and alkaline soap.
- The voice needs a thorough six-monthly overhaul.
- Repairing and cleaning operations must be done when the device is not fed.
- If it is possible, we suggest a safety balancer.
- If the A-weighted emission sound pressure level is more than 70dB (A), you must use some hearing protections (anti-noise headset, etc.).
- The workbench and the work surface must be always clean and tidy. The untidy can cause damages to people.
- Do not allow unauthorized persons to use the working device.
- Make sure that the compressed air feeding hoses have the correct size to be used.
- Do not carry the connected device by pulling the hose.
- Keep the device in good conditions; do not remove either safety parts or silencers.
- Before disconnecting the compressed air hose from the device make sure that there is no pressure in the hose.
- These instructions must be carefully followed.

WARNING! Before using the device, assemble the protection bottom supplied with the tool, as indicated in the picture on the side. FAR has no responsibility for any damages on the device, persons or things caused by lack of protection bottom.



Air Feed

The air feed must be free from foreign bodies and humidity in order to protect the device from premature wear and tear of the components in movement; therefore, we suggest using a lubricator group for compressed air.

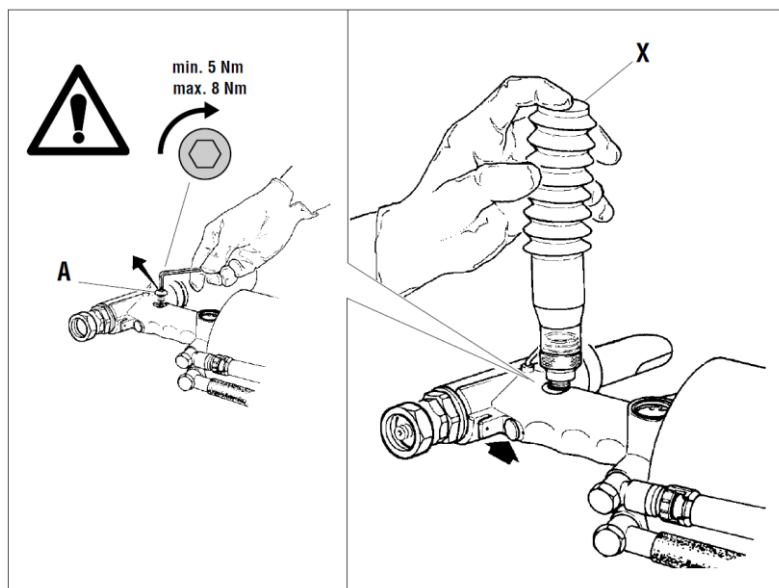
Topping Up the Oil-Dynamic Circuit

You need to top up the hydraulic circuit after a long period of work, when you note a power loss. Put the riveting device (**DWELL AND NOT FED**) in a horizontal position and remove the plug (**A**), by means of a 5 mm Allen wrench (equipped with the riveting device); during this operation, check the oil level in order to avoid overflowing. Then, slowly pour the oil **PANOLIN HLP ISO 32** into the bellows container (**X**) which shall be screwed into its seat on the plug (**A**). While keeping the riveting device in a horizontal position and starting air feeding; push the tensile strength button and make the riveting device carry out some cycles until air bubbles inside the container (**X**) stop coming out. This condition indicates that the topping up of the oil has fully been achieved. At this point, while keeping the riveting device in a horizontal position, unscrew the oil container (**X**) and close it again. **Do not push the tensile strength button during this operation.** Go on by closing the oil tank plug (**A**).

WARNING! It is very important to follow the above-mentioned instructions and use gloves. If the hydraulic circuit should be fully emptied, collect the oil in a suitable container and contact an authorized company for its disposal.

WARNING!

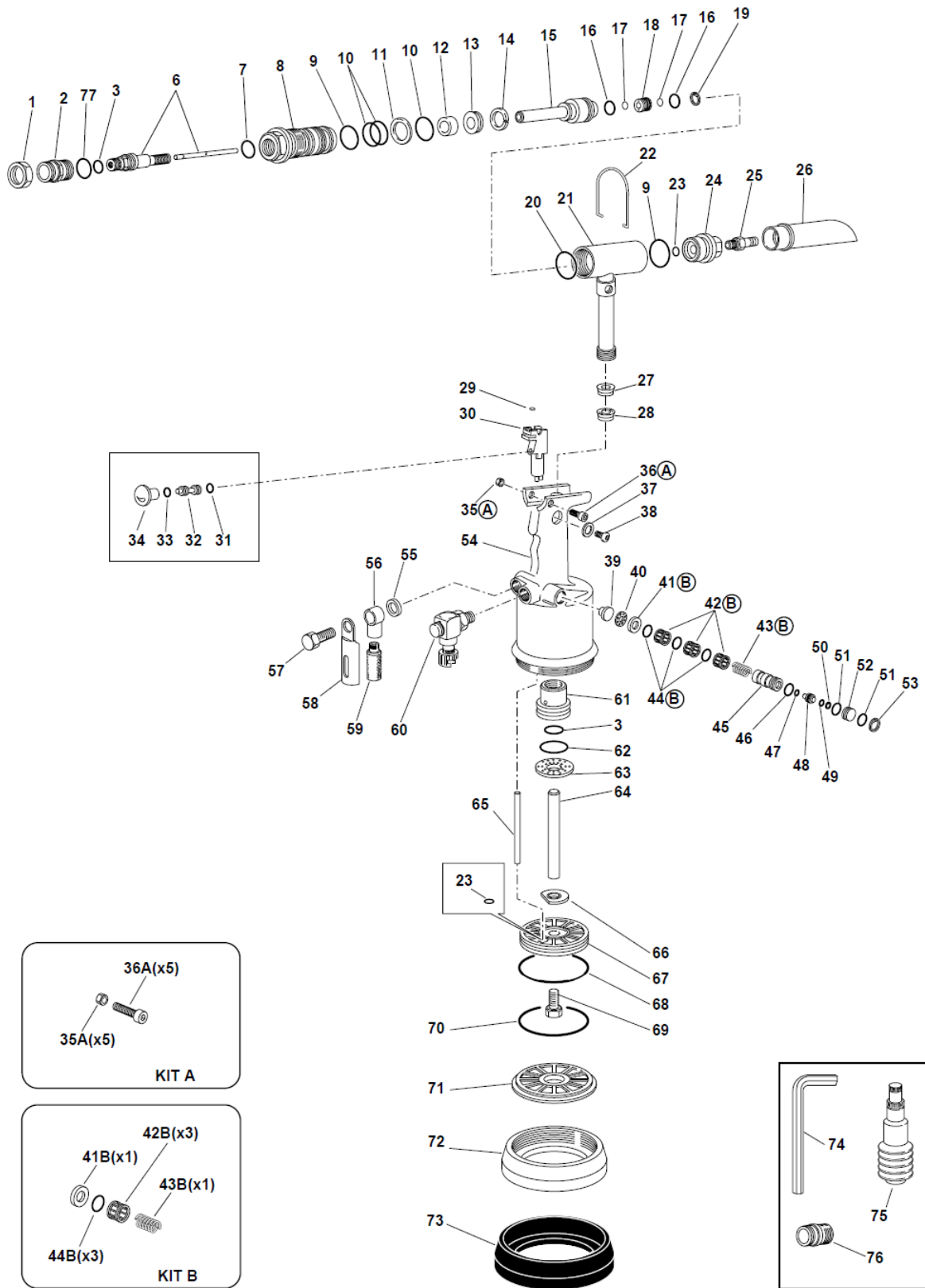
- Before disconnecting the compressed air hose, make sure that it is not under pressure!
- Make sure that the oil filler cap (**A**) is tightened at torque corresponding to **Min. 5 Nm – Max. 8 Nm**.
- We recommend using oil **PANOLIN HLP ISO 32 DIN 51524-2HLP** or similar.



Device Disposal

For the device disposal, comply with the national laws. After disconnecting the device from energy sources, start the disassembly of the components according to their material: sheet, aluminium, plastic and so on. Go on with the scrapping in accordance with the national standards.

HG-10U05: Exploded View



HG-10U05: Parts List

N°	COD.	Qt.	DESCRIPTION	N°	COD.	Qt.	DESCRIPTION
1	711366	1	Head ring nut	41B	710840	1	Valve spacer
2	711368	1	Connector 1	42B	710823	3	Casing
3	710579	2	O Ring 2-113 Parker	43B	711158	1	Coil return spring
6	723264	1	Cone holding head assembly	44B	710921	3	O Ring 2-115 Parker
7	711336	1	O Ring 2-114 Parker	45	710841	1	Coil
8	713263	1	Front connector	46	710916	1	O Ring 2-15 Parker
9	713272	2	O Ring 2-124 Parker	47	710528	1	O Ring 008
10	713278	3	O Ring 2-122 Parker	48	710822	1	Valve piston
11	713277	1	Parbak 8.122	49	710258	1	O Ring 5-612 Parker
12	711722	1	Balsele B-094063 NEI	50	710905	1	Seeger ring 11l
13	713276	1	Balsele TSE 134094	51	710922	2	O Ring 018 Dowty
14	713258	1	Anti-extrusion ring	52	712268	1	Spring guide plug
15	713251	1	Hydraulic piston	53	710402	1	Seeger ring 22l
16	713273	2	O Ring 17,5x1,5	54	721224	1	Tool body
17	713274	2	O Ring 8x1,5	55	712282	1	Safety washer Ø 12,7
18	713247	1	Bush	56	710909	1	Connector 2023-1/4-1/4
19	711821	1	Seeger ring JV 20	57	711305	1	Connector 1631-01-1/4
20	713275	1	O Ring 2-122 N674/70 P	58	712162	1	Outside silencer protection
21	723269	1	Hydraulic cylinder	59	711304	1	Silencer 1/4
22	710873	1	Balancer hook	60	712133	1	Rotating connector
23	710350	2	O Ring 2-109 Parker	61	713260	1	Guide stem connector
24	713250	1	Rear connector	62	711339	1	O Ring 2-129 N 674/70 Parker
25	711370	1	Out put connector	63	710548	1	Dampener
26	712283	1	Guard	64	713259	1	Stem
27	713279	1	Balsele TSE 14X23X6	65	711252	1	Tube Ø 8x7
28	713280	1	Gasket TTS 14X23X5,8-L	66	711258	1	Washer piston
29	710367	1	O Ring 2-8 Parker	67	721226	1	Pneumatic piston
30	722036	1	Long valve body	68	711340	1	O Ring 2-343 Parker
31	710918	1	O Ring 2-5 Parker	69	710596	1	Screw
32	711253	1	Valve piston	70	711386	1	O Ring 2-45 Parker
33	710919	1	O Ring 2-4 Parker	71	711255	1	Bottom
34	710824	1	Push-button	72	711225	1	Cylinder cover
35A	712145	1	Nut M3 UNI 5587-68	73	711737	1	Protection bottom
36A	712144	1	Screw TCE M'3 x 20 UNI 5931	74	711092	1	5mm Allen wrench
37	710906	1	Hermetic washer 400-820	75	721387	1	Oil container
38	710839	1	Oil tank plug	76	712016	1	Connector 2
39	711259	1	Cap	77	711337	1	O Ring 2/021 N674/70 Parker
40	712117	1	Washer stopping spring				