

Hydraulic Ground Power Unit - Accessories

>HGPU<

1. Hydraulic Coupling Kit

There are basically two types of Coupling Kits:

- a) female (CK...F)
- b) male (CK...M)

a)



Supply



Return

b)



Supply



Return

Illustrative example - CK001F

Illustrative example- CK001M

a) Coupling Kit female, complete (CK...F):

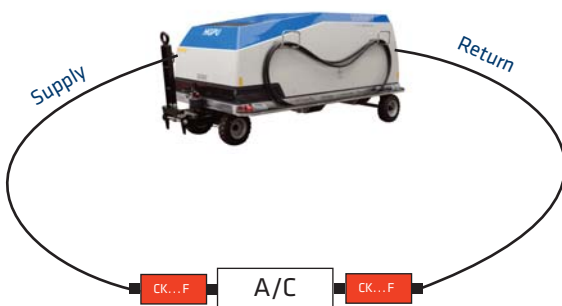
This Coupling Kit is required to connect the single system hydraulic hoses of HGPU to an aircraft.

Note:

For an HGPU with Dual System two Coupling Kits are required.

b) Coupling Kit male, complete (CK...M):

This Coupling Kit is required to connect the Option C (flushing circuit with loading mechanism) with the hydraulic hoses of HGPU (which are equipped with a Coupling Kit female (CK...F)).



The currently available Coupling Kits are as follows

PN	DESIGNATION	TYPE OF AIRCRAFT	
CK001F	Coupling Kit, Female, Complete	AIRBUS: BOEING:	all except A380, A350 B747, B757, B767, B777, DC-10, MD-11 B737NG (-600/-700/-800/-900 series) B737 MAX (-7/-8/-200/-9 series) L-1011
CK002F	Coupling Kit, Female, Complete	AIRBUS:	A380, A350
CK003F	Coupling Kit, Female, Complete	BOEING: FOKKER: BOMBARDIER:	B707, DC-9, MD-80, B737 Classic (-300/-400/-500 series) 70, 100 Global 5000
CK004F	Coupling Kit, Female, Complete	LOCKHEED:	C-130
CK005F	Coupling Kit, Female, Complete	Bombardier:	CRJ-200, 700, 900, 1000
CK006F	Coupling Kit, Female, Complete	EMBRAER:	ERJ-135, 140, 145
CK007F	Coupling Kit, Female, Complete	BOEING:	B787
CK008F	Coupling Kit, Female, Complete	ATR:	42, 72
CK009F	Coupling Kit, Female, Complete	PILATUS	PC-7MKII, PC-9, PC9M, PC-21
CK010F	Coupling Kit, Female, Complete	SUKHOI	Superjet 100
CK011F	Coupling Kit, Female, Complete	EUROCOPTER	Tiger
CK012F	Coupling Kit, Female, Complete	EUROCOPTER	NH90
CK013F	Coupling Kit, Female, Complete	EMBRAER MITSUBISHI	E-170, 175, 190, 195 MRJ
CK014F	Coupling Kit, Female, Complete	EUROCOPTER SIKORSKY AUGUSTA BELL	AS332-Super Puma, AS365-Dauphin UH-60- S-70i 212
CK015F	Coupling Kit, Female, Complete	EUROCOPTER	BK117, B0105, EC135, EC145
CK016F	Coupling Kit, Female, Complete	LOCKHEED	P-3 ORION
CK017F	Coupling Kit, Female, Complete	CASA	CASA CN235, C295
CK018F	Coupling Kit, Female, Complete	FOKKER	50
CK019F	Coupling Kit, Female, Complete	BOMBARDIER	DASH 8 Q400
CK020F	Coupling Kit, Female, Complete	CESSNA	525
CK022F	Coupling Kit, Female, Complete	BAe CESSNA FOKKER GULFSTREAM	146 Citation X750 28 350 - 650
CK023F	Coupling Kit, Female, Complete	McDONNELL DOUGLAS	F-15 Eagle, F/A-18 Hornet
CK024F	Coupling Kit, Female, Complete	BOEING-VERTOL	CH-47 Chinook
CK025F	Coupling Kit, Female, Complete	Coupling industry	
CK026F	Coupling Kit, Female, Complete	NORTHROP CORPORATION	F-5 Tiger
CK027F	Coupling Kit, Female, Complete	COMAC	ARJ21

All listed Coupling Kits female can be provided with the matching male part

e.g.: **CK001M** matches with **CK001F** and etc.

Further Coupling Kits are available on request!

2. Adapter Hose Kit



Example of AHK001 Adapter Hose Kit

An Adapter Hose Kit (hose length 2m) enables the HGPU fitted with a particular Coupling Kit to be used on another aircraft type without changing the HGPU fitted Coupling Kit.

Advantage: time saved and oil spill prevented.

Example of usage:

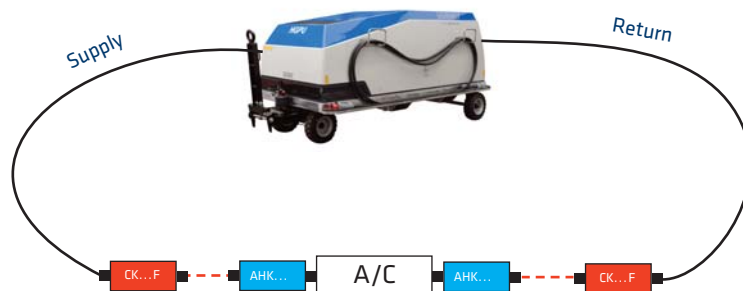
An HGPU is fitted with the Coupling Kit **CK001F** and is to be used on a B737.

The Adaptor Hose Kit **AHK001** is connected with the Coupling Kit **CK001F** (fitted to the HGPU) and with the B737.

It is not necessary to change coupling.

Note:

For a Dual System HGPU, two Adaptor Hose Kits are required.



The currently available Adapter Hose Kits are as follows

PN	THE COUPLING KIT MOUNTED ON THE HGPU (CK...F) OR ADAPTER HOSE KIT (AHK...)	ATTACHABLE AIRCRAFT TYPES
AHK001	CK001F AHK002, AHK003 (compatible with all AIRBUS aircraft types, with an exception of A380, A350 BOEING B747, B757, B767, B777, DC-10, MD-11 LOCKHEED L-1011)	BOEING B707, B737-100 to 900, DC-9, MD-80 FOKKER 70, 100 BOMBARDIER Global 5000
AHK002	CK002F (compatible with A380, A350)	AIRBUS, with an exception of A380, A350 BOEING B747, B757, B767, B777, DC-10, MD-11 LOCKHEED L-1011
AHK003	CK007F (compatible with B787)	AIRBUS, with an exception of A380, A350 BOEING B747, B757, B767, B777, DC-10, MD-11 LOCKHEED L-1011
AHK004	CK001F AHK002, AHK003 (compatible with AIRBUS aircraft types, with an exception of A380, A350 BOEING B747, B757, B767, B777, DC-10, MD-11 LOCKHEED L-1011)	BOMBARDIER CRJ-200, 700, 900, 1000
AHK005	CK002F (compatible with A380, A350)	BOEING B787
AHK006	CK001F AHK002, AHK003 (compatible with AIRBUS aircraft types, with an exception of A380, A350 BOEING B747, B757, B767, B777, DC-10, MD-11 LOCKHEED L-1011)	BOMBARDIER DASH 8 Q400
AHK007	CK001F AHK002, AHK003 (compatible with AIRBUS aircraft types, with an exception of A380, A350 BOEING B747, B757, B767, B777, DC-10, MD-11 LOCKHEED L-1011)	EMBRAER E-170, 175, 190, 195
AHK008	CK001F AHK002, AHK003 (compatible with AIRBUS aircraft types, with an exception of A380, A350 BOEING B747, B757, B767, B777, DC-10, MD-11 LOCKHEED L-1011)	ATR 42, 72
AHK009	CK011F (compatible with EUROCOPTER Tiger)	EUROCOPTER NH90

The currently available Adapter Hose Kits are as follows (Continuation)

PN	THE COUPLING KIT MOUNTED ON THE HGPU (CK...F) OR ADAPTER HOSE KIT (AHK...)	ATTACHABLE AIRCRAFT TYPES
AHK010	CK003F (compatible with BOEING B707, B737-100 bis 900, DC-9, MD-80 FOKKER 70, 100)	BOMBARDIER CRJ-200
AHK011	CK001F AHK002, AHK003 (compatible with AIRBUS aircraft types, with an exception of A380, A350 BOEING B747, B757, B767, B777, DC-10, MD-11 LOCKHEED L-1011)	BAe 146 CESSNA Citation X750 FOKKER 28 GULFSTREAM 350 - 650

Note: 2 different Adaptor Hose Kits can also be used in combination (in series).

- e.g.:
- Adaptation of an HGPU with B787 Coupling Kit (CK007F) to B737 [HGPU + CK007F + AHK003 + AHK001] compatible with B737
 - Adaptation of an HGPU with A380 Coupling Kit (CK002F) to B737 [HGPU + CK002F + AHK002 + AHK001] compatible with B737



Further Adapter Hose Kits are available on request!

3. Other Accessories

DUST COVER FOR HGPU IN THE APPROPRIATE SIZE

(Please, specify the type of HGPU)
(TEST-FUCHS item no. 151040061)
ACCESSORY 01

The Dust Cover protects the HGPU from external hazard

compatible with the following HGPU-types:

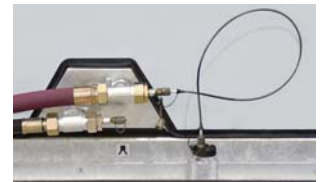
- <HGPU50-30-1>
- <HGPU60-30-1>
- <HGPU25-30-2>
- <HGPU30-30-2>



SAMPLING SET

(TEST-FUCHS item no. 151040062)
ACCESSORY 02

The Sampling Set (consisting of a sampling glass with connection hose) is used for taking oil samples from the hoses at HGPU (Option K - sampling points is a requirement for this accessory).



2 SPARE SAMPLING GLASSES

(TEST-FUCHS item no. 151040063)
ACCESSORY 03

The spare sampling glasses can be used as extension to the Sampling Set.



WEATHERPROOF COVER FOR CONTROL PANEL

(Please, specify the type of HGPU)
(TEST-FUCHS item no. 151040050)
ACCESSORY 04

The cover is used for permanent protection of the control panel when the HGPU is parked out of doors.

compatible with the following HGPU-types:

- <HGPU60-50-1>
- <HGPU50-30-1>
- <HGPU60-30-1>
- <HGPU25-30-2>
- <HGPU30-30-2>



Further accessories are available on request!