



## Transportation of Vehicles

### Guidance for transport on Lufthansa Passenger and Freighter flights

Lufthansa Cargo places the highest priority on the safe and careful transportation of dangerous goods as cargo. Lufthansa Cargo believes that well informed forwarders play a vital role in ensuring these highest standards of safety can be maintained across the entire transportation chain.

As such, Lufthansa Cargo would like to provide information on the transportation of automobiles / vehicles on Lufthansa Group passenger and freighter flights. This overview serves as a guideline only.

UN-Number	Engine Type	Proper Shipping Name	Examples	IMP	PI	LH Operator Variations	LH-Cargo
UN3166	Combustion Engine (incl. Fuel cell)	<b>Vehicle, flammable liquid powered</b> powered <u>only</u> by flammable liquid	Automobiles & other vehicles <i>e.g. motorcycles, quad, scooter, jet ski, boat</i>	RVF	950	LH-10	Freighter: Yes PAX OK: Yes
		<b>Vehicle, flammable gas powered</b> powered <u>only</u> by flammable gas	Automobiles & other vehicles	RVF	951	LH-10	Freighter: Yes (CAO) PAX OK: No
	Hybrid (HEV / PHEV)	<b>Vehicle, flammable liquid powered hybrid</b> powered by both, flammable liquid and lithium or sodium ion battery	Other vehicles	RVH	950	LH-10	Freighter: Yes PAX OK: Yes
			Automobiles	-	950	LH-10	Forbidden
		<b>Vehicle, flammable gas powered hybrid</b> powered by both, flammable liquid and lithium or sodium ion battery	Other vehicles	RVH	951	LH-10	Freighter: Yes (CAO) PAX OK: No
			Automobiles	-	951	LH-10	Forbidden
UN3171	Electric	<b>Battery-powered vehicle</b> wet and dry batteries ( <u>no</u> lithium & sodium ion batteries)	<i>e.g. ride-on lawn mower, forklift, golf cart, wheelchair, concept car</i>	RVO	952	LH-09	Freighter: Yes PAX OK: Yes
		<b>Battery-powered equipment</b> wet and dry batteries ( <u>no</u> lithium & sodium ion batteries)	<i>e.g. push mower, cleaning robot, model boats/aircrafts</i>	RMD	952	LH-09	Freighter: Yes PAX OK: Yes
UN3556 UN3557 UN3558	Electric	<b>Vehicle, lithium ion battery powered</b>	Automobiles & large vehicles	-	952	LH-09	Forbidden
		<b>Vehicle, lithium metal battery powered</b>	Other vehicles	RVB	952	LH-09	Freighter: Yes (CAO) PAX OK: No
		<b>Vehicle, sodium ion battery powered</b>	<i>e.g. e-bike, hoverboard, segway, motorcycle, scooter, forklift</i>				

#### Please note:

- Vehicles powered by flammable liquid/gas only require an additional check sheet, as well as a statement on the DGD “No hybrid electric vehicle” under additional handling information.
- All above remains subject to loadability of individual shipment and pieces.
- UN3171 for “Battery powered vehicle” may no longer be used for vehicles with lithium or sodium ion batteries.

The information contained within this document apply for all Lufthansa 020-AWB and all other AWBs which are transported on flights operated by LH Group. This overview serves as a guideline only.

You must always refer to IATA Dangerous Goods Regulations (IATA DGR) for all information relating to the handling, packaging, labelling, and safe transportation of all dangerous goods.

Please do not hesitate to contact your nearest Lufthansa Cargo office in case of any questions which can be found via [Support & Contact](#).

