

Transport Quality Manual

Chapter 11. Air Freight

Issue 11 – August 2011



Contents

11.1. Conditions Prior to Transport

11.2. Preparation of Vehicles

11.3. Loading the Vehicles

11.4. Securing the Load

11.5. Discharge



11.1. Conditions Prior to Transport

- For the transport of products, the latest edition IATA UN Class dangerous goods specifications Class 9 apply
- No deviations /deliberate omissions are acceptable and may render the party at risk of litigation.
- All security requests must be adhered to, at all times
- Vehicles which are dispatched without packing and/or in transport frames with out cladding will need to be designated as dangerous goods

However, vehicles are not allowed to be dispatched unless they satisfy the following safety requirements:

- The batteries must be installed in the upright position, must be firmly secured and protected against contact with other electrically conducting objects
- Fitted passenger restraint systems (air bags) must not be equipped with more than one cylinder and this should not contain any compressed, liquefied or flammable gas, nor should it contain more than 2 detonation cartridges per valve
- Fire extinguishers and/or other safety equipment containing dangerous substances must be designated hazardous if not fitted to the vehicle
- Tyres fitted with pressure warning signals may not be permitted to fly due to possible interference with aircraft systems
- Seek advice prior to delivery for flight. Dead freight could be chargeable

In all cases of doubt relating to equipment, packaging, preparation for dispatch, securing of loads and declaration of cars, establish early contact with the carrier appointed for the transport operation.

Always obey any verbal or documentary instructions, which the carrier may issue, strictly to the letter.

UNDER NO CIRCUMSTANCES SHOULD SPARE PARTS / UNAUTHORISED EQUIPMENT OR GOODS BE SHIPPED IN VEHICLES. Customs embargo or fines to the individual can result from unauthorised actions.

11.2. Preparation of Vehicles

Vehicles can be either driven on and secured, or palletised and loaded by lifting equipment (ACHE > Air cargo Handling Equipment)

- The fuel tank must have minimum fuel. On red or below $\frac{1}{4}$ of a tank maximum
- If the fuel level is higher, siphon off surplus fuel (This should be done in house as serious delay and costs implications occur if undertaken at the airport)
- Rule of thumb: tank warning indicator lamp lights up equals permitted fuel level in tank
- All cars: Securely tighten down tank filler cap

JLR Standard: Minimum fuel on all products (warning light operative)

11.3. Loading the Vehicles

Loading Air Freight is a specialist function:

- Operators are responsible for ensuring that all standards and legal requirements are fully met

- Where vehicles are loaded onto pallets or stacking transport frames which are supplied to the carrier assigned to the transport operation after approval and meets IATA regulations
- When loading on stacking transport frames, ensure lifting equipment cannot damage the under body of the vehicle
- Restraint lashings, minimum downwards pressure, are normally applied for air freight handling. Due to the nature of this carriage a dispensation operates to fix the additional lashings needed through the road wheels

11.4. Securing the Load

Product care requirement:

- All cars to be in transit mode applicable to model
- Secure cars by engaging 1st gear or by placing automatic transmission selector lever in "P" position and applying the parking brake
- Switch off all electrical consumables. If battery main switches are installed, switch them off
- Close all windows, leave vents open on vehicle to allow for possible pressure changes during flight
- Ensure, doors, sun roof, engine hood/bonnet and trunk/boot lid are all correctly closed as access will not be possible during flight
- Remove keys from ignition and place in pocket in driver's door (centre console in Defender)
- Secure the cars with clamping belts on all wheels, or to main lashing point wherever possible
- Avoid contact to all painted panels/trim
- Ensure possible points of contact to electrical/brakes and safety items are avoided at all times

11.5. Discharge

- Ensure that the vehicle involved is returned to standard ride height before movement as under body contact may occur – Once all lashings are removed

Restraining method – Air Freight only:



Place restraint harness through alloy wheels.
Air suspension at access height-all models