

**Title:** Illustrated Parts Catalog – Airbus A320 Series

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### 1. General Information

The Illustrated Parts Catalog (IPC) provides exploded-view diagrams, part numbers, and installation details for all assemblies and subassemblies of the A320 aircraft.

#### Purpose:

- To identify components and subcomponents visually.
- To cross-reference part numbers with the approved stores inventory.
- To facilitate ordering and replacement using the Material Management System (MMS).

**Note:** Only parts listed in the IPC are approved for installation. Use of alternative or substitute parts must follow Engineering Authorization procedures.

## **2. ATA 32 – Landing Gear System**

**Exploded View Reference:** Fig. 32-30-10

<b>Item No</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Zone</b>	<b>Remarks</b>
1	A320-32-3050	Main Gear Door Assembly LH	1	57	Complete assy
2	A320-32-3051	Main Gear Door Assembly RH	1	58	Complete assy
3	NAS1100-5-8	Bolt	12	—	Standard part
4	MS21042-5	Nut, self-locking	12	—	—
5	A320-32-3078	Actuator Assembly	1	57	Hydraulic

**Installation Note:**

Ensure all bolts are torqued per MTC 20-22 and apply sealant PR-1422-B at joint interfaces.

## **3. ATA 52 – Doors**

### **Door Assembly – Passenger Forward**

<b>Item</b>	<b>Part Number</b>	<b>Description</b>	<b>Qty</b>	<b>Remarks</b>
1	A320-52-1010	Door Assy, Forward LH	1	Includes locking mechanism
2	A320-52-1011	Door Handle Kit	1	Replacement set
3	NAS1149F0363P	Washer	8	—

**Inspection:**

Inspect hinges every A-Check for play or binding. Replace bushings if wear exceeds 0.5 mm.

## **4. ATA 71 – Powerplant Installation**

### **Engine Mount Assembly**

Item P/N	Description	Qty	Zone
1 A320-71-2100	Pylon Structure	1	62
2 MS20470AD6-10	Rivet	50	—
3 A320-71-2135	Mount Bracket	2	63

**Note:** All torque values must comply with AMM 20-32-10.

## 5. Illustrated Index

Visual references and part number diagrams are provided per ATA chapter.  
Refer to index pages 110–140 for detailed subassembly drawings.

## End of IPC Extract

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