

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

Item No	Part Number	Description	Qty	Zone	Remarks
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

Item	Part Number	Description	Qty	Remarks
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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