

Supersession Issues Regarding MOT18698

Issue:

Using MOT18698 as a replacement motor causes fan blade interference.

Resolution:

MOT18698 currently supersedes the following motors:

- MOT12005
- MOT13402
- MOT13793
- MOT14018
- MOT14342

Some fan blades that were originally paired with these motors are incompatible with MOT18698 due to interference. In order to replace these motors with MOT18698, a compatible replacement fan blade is required. Not all units are affected.

Table 1 lists the original motors and incompatible fan blades that shipped on units. Also included are the replacement motor/blade combinations. Check a unit's parts list for one of these incompatible fan blades to determine if a new fan blade is required when replacing the motor.

Table 2 lists known model numbers that require replacing the motor and fan blade as a combination. This table may not include all affected units.

Table 1. Replacement Options

Shipped With:		Replace With:	
Old Motor	Old Fan Blade	New Motor	New Fan Blade
MOT12005	FAN03589	MOT18698	FAN04231
MOT12005	FAN03590	MOT18698	FAN04231
MOT12005	FAN03591	MOT18698	FAN04231
MOT12005	FAN03592	MOT18698	FAN04460
MOT12005	FAN03593	MOT18698	FAN04460
MOT12005	FAN03653	MOT18698	FAN04230

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MOT12005	FAN03659	MOT18698	FAN04230
MOT12005	FAN03980	MOT18698	FAN04460
MOT13402	FAN04374	MOT18698	FAN04460
MOT14018	FAN04042	MOT18698	FAN04460

Table 2. Known Affected Models

Model Number	Description	Shipped With:		Replace With:	
		Old Motor	Old Fan Blade	New Motor	New Fan Blade
2A6H4060B1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03592	MOT18698	FAN04460
2A6H5030A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03590	MOT18698	FAN04231
2A6H5036A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03590	MOT18698	FAN04231
2A6H5042A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03590	MOT18698	FAN04231
2A6H5048A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03592	MOT18698	FAN04460
2A6H8030B1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03659	MOT18698	FAN04230
2A6H8030B1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03659	MOT18698	FAN04230
2A6H8030C1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03659	MOT18698	FAN04230
2A6H8036B1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03659	MOT18698	FAN04230
2A6H8036B1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03659	MOT18698	FAN04230
2A6H8036C1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03659	MOT18698	FAN04230
2A6H8048B1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03592	MOT18698	FAN04460
2A6H8048B1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03592	MOT18698	FAN04460
2A6H8048C1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03592	MOT18698	FAN04460
2A6H8060B1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03592	MOT18698	FAN04460
2A6H8060B1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03592	MOT18698	FAN04460
2A6H8060C1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03592	MOT18698	FAN04460
2A7A4060B1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03592	MOT18698	FAN04460
2A7A5042A1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03590	MOT18698	FAN04231
2A7A5048A1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03592	MOT18698	FAN04460

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2A7A8030B1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03659	MOT18698	FAN04230
2A7A8030B1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03659	MOT18698	FAN04230
2A7A8030C1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03659	MOT18698	FAN04230
2A7A8036B1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03659	MOT18698	FAN04230
2A7A8036B1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03659	MOT18698	FAN04230
2A7A8036C1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03659	MOT18698	FAN04230
2A7A8048B1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03592	MOT18698	FAN04460
2A7A8048B1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03592	MOT18698	FAN04460
2A7A8048C1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03592	MOT18698	FAN04460
2A7A8060B1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03592	MOT18698	FAN04460
2A7A8060B1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03592	MOT18698	FAN04460
2A7A8060C1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03592	MOT18698	FAN04460
2TTX4060B1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03593	MOT18698	FAN04460
2TTX5042A1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03591	MOT18698	FAN04231
2TTX5048A1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03593	MOT18698	FAN04460
2TTZ9030B1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03653	MOT18698	FAN04230
2TTZ9030B1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03653	MOT18698	FAN04230
2TTZ9030C1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03653	MOT18698	FAN04230
2TTZ9036B1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03653	MOT18698	FAN04230
2TTZ9036B1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03653	MOT18698	FAN04230
2TTZ9036C1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03653	MOT18698	FAN04230
2TTZ9048B1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03593	MOT18698	FAN04460
2TTZ9048B1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03593	MOT18698	FAN04460
2TTZ9048C1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03593	MOT18698	FAN04460
2TTZ9060B1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03593	MOT18698	FAN04460
2TTZ9060B1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03593	MOT18698	FAN04460
2TTZ9060C1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03593	MOT18698	FAN04460
2TWX4060B1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03593	MOT18698	FAN04460
2TWX5030A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03591	MOT18698	FAN04231

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2TWX5036A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03591	MOT18698	FAN04231
2TWX5042A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03591	MOT18698	FAN04231
2TWX5048A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03593	MOT18698	FAN04460
2TWZ9030B1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03653	MOT18698	FAN04230
2TWZ9030B1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03653	MOT18698	FAN04230
2TWZ9030C1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03653	MOT18698	FAN04230
2TWZ9036B1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03653	MOT18698	FAN04230
2TWZ9036B1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03653	MOT18698	FAN04230
2TWZ9036C1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03653	MOT18698	FAN04230
2TWZ9048B1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03593	MOT18698	FAN04460
2TWZ9048B1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03593	MOT18698	FAN04460
2TWZ9048C1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03593	MOT18698	FAN04460
2TWZ9060B1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03593	MOT18698	FAN04460
2TWZ9060B1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03593	MOT18698	FAN04460
2TWZ9060C1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03593	MOT18698	FAN04460
4A6H5018A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03589	MOT18698	FAN04231
4A6H5018A1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03589	MOT18698	FAN04231
4A6H5024A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03589	MOT18698	FAN04231
4A6H5024A1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03589	MOT18698	FAN04231
4A6H5030A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03591	MOT18698	FAN04231
4A6H5030A1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03591	MOT18698	FAN04231
4A6H5036A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03591	MOT18698	FAN04231
4A6H5036A1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03591	MOT18698	FAN04231
4A6H5042A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03980	MOT18698	FAN04460
4A6H5042A1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03980	MOT18698	FAN04460
4A6H5048A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03980	MOT18698	FAN04460
4A6H5048A1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03980	MOT18698	FAN04460
4A6H5060A1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03980	MOT18698	FAN04460
4A6H5060A1000BA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03980	MOT18698	FAN04460

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4A6H6036B1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03659	MOT18698	FAN04230
4A6H6048B1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03592	MOT18698	FAN04460
4A6H6060B1000AA	SPLIT SYSTEM HEAT PUMP	MOT12005	FAN03592	MOT18698	FAN04460
4A7A5018A1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03589	MOT18698	FAN04231
4A7A5018A1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03589	MOT18698	FAN04231
4A7A5024A1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03589	MOT18698	FAN04231
4A7A5024A1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03589	MOT18698	FAN04231
4A7A5030A1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03591	MOT18698	FAN04231
4A7A5030A1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03591	MOT18698	FAN04231
4A7A5036A1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03980	MOT18698	FAN04460
4A7A5036A1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03980	MOT18698	FAN04460
4A7A5042A1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03980	MOT18698	FAN04460
4A7A5042A1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03980	MOT18698	FAN04460
4A7A5048A1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03980	MOT18698	FAN04460
4A7A5048A1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03980	MOT18698	FAN04460
4A7A5060A1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03980	MOT18698	FAN04460
4A7A5060A1000BA	SPLIT SYSTEM COOLING	MOT12005	FAN03980	MOT18698	FAN04460
4A7A6036B1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03659	MOT18698	FAN04230
4A7A6048B1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03592	MOT18698	FAN04460
4A7A6060B1000AA	SPLIT SYSTEM COOLING	MOT12005	FAN03592	MOT18698	FAN04460
4TTR4036C1000BA	SPLIT SYSTEM COOLING	MOT13402	FAN04374	MOT18698	FAN04460
4TWX5036A1000AB	SPLIT SYSTEM HEAT PUMP	MOT13402	FAN03590	MOT18698	FAN04231
4TWZ0036B1000AA	SPLIT SYSTEM HEAT PUMP	MOT14018	FAN04042	MOT18698	FAN04460