

Engine Accessory ListsContents / NotesPage

Engine Accessory List, PowerTech 2.4 L and 3.0 L Engines.....	2
Engine Accessory List, PowerTech 2.9 L Engines.....	3
Engine Accessory List, PowerTech 4.5 L Engines.....	4
Engine Accessory List, PowerTech 6.8 L Engines.....	6
Engine Accessory List, PowerTech 8.1 L Engines.....	8
Engine Accessory List, PowerTech 10.5 L and 12.5 L Engines.....	13
Miscellaneous Accessory List.....	17

PowerTech 2.4 L and 3.0 L Engine Accessories¹

Option Code	Description	Part Number	4024TF220 / 4024TF270
9101	Front Engine Support Kit	RE522080	X
9102	Flywheel Support Kit	RE522081	X
9103	Radiator Support Kit	RE522384	X
9104	Radiator Kit	RE522407	X
- - -	Radiator	KV23266	X
9105	Suction Fan Kit	RE522404	X
- - -	Fan, Suction	RE523185	X
9106	Power Unit Suction Fan Cooling Kit	RE522083	X
9107	Belt Guard Kit	RE522385	X
9108	Exhaust Kit - High Mount	RE522087	X
- - -	Muffler	RE520859	X
9109	Air Filtration Kit	RE522091	X
- - -	Air Cleaner Assembly 8"	RE520943	X
9110	Blower Fan Kit	RE522405	X
- - -	Blower Fan	RE523184	X
9111	Power Unit Blower Fan Cooling Kit	RE522085	X

¹Kits and major components only. See PC9281 or PC9282 for complete parts lists.

PowerTech 2.9 L Engine Accessories¹

	3029DF120	3029DF160	3029TF120	3029TF160
Air cleaner, two-stage¹ (kit) (use with 1713)	AR94138	AR94138	N/A	N/A
Air cleaner assembly	AR76434	AR76434	N/A	N/A
Clamp	2-T53057	2-T53057	N/A	N/A
Intake hose	AT78056	AT78056	N/A	N/A
Rain cap	AR72336	AR72336	N/A	N/A
Air cleaner, single-stage¹	RE63778	RE63778	N/A	N/A
Muffler¹	AR38383	AR38383	N/A	N/A
Clamp(s)	2-AT63813	2-AT63813	N/A	N/A
Gasket	R98844	R98844	N/A	N/A
Rain cap	AR56782	AR56782	N/A	N/A
Auxiliary drive gears				
Tapered-shaft drive gear	N/A	R126250	N/A	R126250
Straight-shaft drive gear	N/A	R117078	N/A	R117078
Radiator (kit)^{1 2}	RE65660	RE65660	RE65660	RE65660
Radiator	RE50468	RE50468	RE50468	RE50468
Fan shroud	R115500	R115500	R115500	R115500
Fan guard	RE57058	RE57058	RE57058	RE57058
Upper hose (Not Available)	N/A	N/A	N/A	N/A
Lower hose	T29416	T29416	T29416	T29416
Fan, suction type²	RE42006	RE42006	RE42006	RE42006
Suction fan spacer	R91585	R91585	R91585	R91585
Suction fan drive ratio	1.13	1.13	1.13	1.13
Fan, blower type²	RE47518	RE47518	RE47519	RE47519
Blower fan spacer	R91585	R91585	R91585	R91585
Blower fan drive ratio	1.13	1.13	1.13	1.13

¹ Users should be aware of additional vibration of three-cylinder engines and make allowances when mounting accessories.

² Recommended for open stationary power units.

PowerTech 4.5 L Engine Accessories

	4045DF150	4045TF150	4045TF250	4045HF150
Air cleaner, two-stage	RE64098	AT203471	AT203471	AT203471
Support	N/A	N/A	N/A	RE71303
Intake hose	R132731	R128438	R128438	R128438
Rain cap	RE64099	AT175358	AT175358	AT175358
Mounting Band	RE64100	2-AR35435	2-AR35435	2-AR35435
Air cleaner, single-stage w/screen	RE63778	RE63779	RE63779	RE63779
Muffler	RE62267	RE20224	RE20224	RE20224
Clamp(s)	2-AT63813	Included	Included	Included
Rain cap	AR56784	AR86600	AR86600	AR86600
Auxiliary drive gear kits				
SAE "B" 13-tooth spline adapter (Convert 5204 to 5201) ¹	RE500883	RE500883	RE500883	RE500883
SAE "A" 9-tooth spline adapter (Convert 5204 to 5202) ¹	RE500884	RE500884	RE500884	RE500884
SAE "B" 13-tooth spline offset drive adapter (Convert 5204 to 5203) ¹	RE500885	RE500885	RE500885	RE500885
Bendix 550 offset drive adapter (Convert 5204 to 5205) ¹	RE500886	RE500886	RE500886	RE500886
SAE "B" offset drive adapter for Midland 1300 (Convert 5204 to 5206) ¹	RE500887	RE500887	RE500887	RE500887
Tapered shaft drive gear (Use w/ 5204)	T173311	T173311	T173311	T173311
Air Compressors				
Bendix 550 (SA-5001085)	RE66033	RE66033	RE66033	RE66033
Midland 850 (8.5 cfm) w/o drive-thru	RE71102	RE71102	RE71102	RE71102
Midland 1300 (13 cfm) w/drive-thru (SAE J744 82-2(A) flange and 19-4 spline)	RE71103	RE71103	RE71103	RE71103
Midland 1300 (13 cfm) w/o drive-thru	RE71133	RE71133	RE71133	RE71133
Air governor for Midland compressors	RE70072	RE70072	RE70072	RE70072
Air Compressor Installation Kits				
Midland 850 installation kit	RE60177	RE60177	RE60177	RE60177
Midland 1300 installation kit	RE503942	RE503942	RE503942	RE503942
Bendix 550 installation kit	RE500909	RE500909	RE500909	RE500909
Freon Compressor				
Nippondenso air cond. compress. (R134a-12v)	RE46609	RE46609	RE46609	RE46609

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PowerTech 4.5 L Engine Accessories -- continued

	4045DF150	4045TF150	4045TF250	4045HF150
Radiator, standard-duty²	RE64110	RE64110	RE64110 ⁴	N/A
Fan shroud	RE64109	RE64109	RE64109	N/A
Fan guard	RE64108	RE64108	RE64108	N/A
Upper hose	R128455	R128455	R128455	N/A
Lower hose	R128456	R128456	R128456	N/A
Radiator, high-debris² (4045HF is with CAC)	RE64111	RE64111	RE64111	RE500071
Fan shroud	RE64109	RE64109	RE64109	RE70527
Fan guard	RE64108	RE64108	RE64108	RE70650
Upper hose	R128455	R128455	R128455	R135733
Lower hose	R128456	R128456	R128456	R136010
Charge Air Cooler (CAC) inlet tube (Use with air inlet option 1724.)	N/A	N/A	N/A	R136334
CAC outlet tube	N/A	N/A	N/A	R135732
CAC outlet tube support bracket	N/A	N/A	N/A	R136012
CAC outlet tube support clamp	N/A	N/A	N/A	N110000
CAC inlet and outlet hose	N/A	N/A	N/A	2-R135729
Engine intake assy and turbo comp outlet hose	N/A	N/A	N/A	2-R135730
Engine intake assembly tube	N/A	N/A	N/A	Option 1724
CAC and air tubes hose clamp	N/A	N/A	N/A	6-AT105289
Engine inlet and turbo hose clamp	N/A	N/A	N/A	2-R110531
Fan, suction type²	AT170040	AT170040	AT170040	AT38076
Suction fan spacer	R128443	R128443	R128443	R128443
Suction fan drive ratio	0.83	1.11	1.22 ³	.83
Fan, blower type²	RE47519	RE47519	RE47519 ⁴	AT34808 ⁵
Blower fan spacer	R128442	R128442	R128442	R128442
Blower fan drive ratio	0.83	1.22 ³	1.33 ³	.83

¹ Includes 5401, 5402, 5403 (Auxiliary Drive Lubrication System) parts. Reference Assembly Instructions.
Engine configuration must be compatible with factory 5200 group "must selects" for field installation of kits.

² Recommended for open power units or John Deere Standard Design Enclosure without auxiliary coolers.
Refer to the cooling chart in the radiator section for hydraulic coolers or gen-set applications.

³ Nodular iron fan support required at fan speeds over 3000 RPM.

⁴ Do not use the RE64110 standard-duty radiator with blower fan on the 4045TF250.
For blower fan, use the RE64111 high-debris radiator.

⁵ Nodular iron fan drive with upper support bracket required to support fan weight.

PowerTech 6.8 L Engine Accessories

	6068DF150 Suction Fan	6068DF150 Blower Fan	6068TF150	6068TF250	6068HF150/ 6068HF250	6068HF275	6068HF475
Air cleaner, two-stage	AT115660	AT115660	AT115660	AT115660	AT115660		
Support	N/A	N/A	N/A	N/A	RE70724		
Intake hose	R128437	R128437	R128438	R128438	R128438		
Rain cap	AT175358	AT175358	AT175358	AT175358	AT175358		
Mounting Band	2-AR64937	2-AR64937	2-AR64937	2-AR64937	2-AR64937		
Air cleaner, single-stage w/screen	RE63780	RE63780	RE63780	RE63780	RE63780		
Muffler	AT24984	AT24984	RE20224	RE20224	RE20224		
Clamp(s)	2-AT29268	2-AT29268	included	included	included		
Gasket	T30260	T30260	N/A	N/A	N/A		
Rain cap	AR56784	AR56784	AR86600	AR86600	AR86600		
Auxiliary drive gear kits							
SAE "B" 13-tooth spline adapter (Convert 5204 to 5201) ¹	RE500883	RE500883	RE500883	RE500883	RE500883		
SAE "A" 9-tooth spline adapter (Convert 5204 to 5202) ¹	RE500884	RE500884	RE500884	RE500884	RE500884		
SAE "B" 13-tooth spline offset drive adapter (Convert 5204 to 5203) ¹	RE500885	RE500885	RE500885	RE500885	RE500885		
Bendix 550 offset drive adapter (Convert 5204 to 5205) ¹	RE500886	RE500886	RE500886	RE500886	RE500886		
SAE "B" offset drive adapter for Midland 1300 (Convert 5204 to 5206) ¹	RE500887	RE500887	RE500887	RE500887	RE500887		
Tapered shaft drive gear (Use w/ 5204)	T173311	T173311	T173311	T173311	T173311		
Air Compressors							
Bendix 550 (SA-5001085)	RE66033	RE66033	RE66033	RE66033	RE66033		
Midland 850 (8.5 cfm) w/o drive-thru	RE71102	RE71102	RE71102	RE71102	RE71102		
Midland 1300 (13 cfm) w/drive-thru (SAE J744 82-2(A) flange and 19-4 spline)	RE71103	RE71103	RE71103	RE71103	RE71103		
Midland 1300 (13 cfm) w/o drive-thru	RE71133	RE71133	RE71133	RE71133	RE71133		
Air governor for Midland compressors	RE70072	RE70072	RE70072	RE70072	RE70072		
Air Compressor Installation Kits							
Midland 850 installation kit	RE60177	RE60177	RE60177	RE60177	RE60177		
Midland 1300 installation kit	RE503942	RE503942	RE503942	RE503942	RE503942		
Bendix 550 installation kit	RE500909	RE500909	RE500909	RE500909	RE500909		

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¹ Includes 5401, 5402, 5403 (Auxiliary Drive Lubrication System) parts. Reference Assembly Instructions.
Engine configuration must be compatible with factory 5200 group "must selects" for field installation of kits.

PowerTech 6.8 L Engine Accessories -- continued

	6068DF150 Suction Fan	6068DF150 Blower Fan	6068TF150	6068TF250	6068HF150/ 6068HF250	6068HF275	6068HF475
Freon Compressor							
Nippondenso air cond. compress (R134a -12v)	RE46609	RE46609	RE46609	RE46609	RE46609		
Radiator, standard-duty²	RE64110	RE64112	RE64112	RE64112	N/A		
Fan shroud	RE64109	RE64114	RE64114	RE64114	N/A		
Fan guard	RE64108	RE57059	RE57059	RE57059	N/A		
Upper hose	R128455	R128455	R128455	R128455	N/A		
Lower hose	R128456	R128480	R128480	R128480	N/A		
Radiator, high-debris² (6068HF is with CAC)	RE64111	RE64113	RE64113	RE64113	RE500070		
Fan shroud	RE64109	RE64115	RE64115	RE64115	RE70527		
Fan guard	RE64108	RE57059	RE57059	RE57059	RE70650		
Upper hose	R128455	R128455	R128455	R128455	R135733		
Lower hose	R128456	R128475	R128475	R128475	R136010		
Charge Air Cooler (CAC) inlet tube	N/A	N/A	N/A	N/A	R135731		
CAC inlet tube support bracket	N/A	N/A	N/A	N/A	R136011		
CAC inlet tube support clamp	N/A	N/A	N/A	N/A	N110000		
CAC outlet tube	N/A	N/A	N/A	N/A	R135732		
CAC outlet tube support bracket	N/A	N/A	N/A	N/A	R136012		
CAC outlet tube support clamp	N/A	N/A	N/A	N/A	N110000		
CAC inlet and outlet hose	N/A	N/A	N/A	N/A	2-R135729		
Engine intake assy & turbo comp outlet hose	N/A	N/A	N/A	N/A	2-R135730		
Engine intake assembly tube	N/A	N/A	N/A	N/A	Option 1724		
CAC and air tubes hose clamp	N/A	N/A	N/A	N/A	6-AT105289		
Engine inlet and turbo hose clamp	N/A	N/A	N/A	N/A	2-R110531		
Fan, suction type²	AT170040	N/A	AR48871	AR48871	AT135668 ³		
Suction fan spacer	R128443	N/A	R128443	R128443	R128443		
Suction fan drive ratio	1.22 ⁴	N/A	0.93	1.00	.83		
Fan, blower type²	N/A	AT24834 ⁵	AT24834 ⁵	AT24834 ⁵	AT34808 ³		
Blower fan spacer	N/A	R128442	R128442	R128442	R128442		
Blower fan drive ratio	N/A	0.83	1.00	1.11	.93		

¹ Includes 5401, 5402, 5403 (Auxiliary Drive Lubrication System) parts. Reference Assembly Instructions.
Engine configuration must be compatible with factory 5200 group "must selects" for field installation of kits.

² Recommended for open power units or John Deere Standard Design Enclosure without auxiliary coolers.
Refer to the cooling chart in the radiator section for hydraulic coolers or gen-set applications.

³ Nodular iron fan drive with upper support bracket required to support fan weight.

⁴ Nodular iron fan support required at fan speeds over 3000 RPM.

⁵ Heavy-duty aluminum or nodular iron fan support required to support fan weight.

PowerTech 8.1 L Engine Accessories¹

	Part Number	6081 TF001	6081 AF001	6081HF001		6081HF070	
				Suction Fan	Blower Fan	Suction Fan	Blower Fan
Air cleaner, dual-stage (high capacity)	RE16807	X	X	X	X	X	X
Mounting bands	2-RE16810	X	X	X	X	X	X
Bracket	RE64310	X	X	X	X	X	X
Support strap	R119758	X	X	X	X	X	X
Spacer, strap to cylinder head	A21066	X	X	X	X	X	X
Tube (Low turbo, front exhaust)	R133131	X	X	X	X	X	X
Tube (Low turbo, rear exhaust)	R128864	X	X	X	X	N/A	N/A
Tube (High turbo, front exhaust)	R128865	X	X	X	X	X	X
Hose, air cleaner to tube	R128866	X	X	X	X	X	X
Hose, tube to turbo	R97097	X	X	X	X	X	X
Rain cap	RE16811	X	X	X	X	X	X
Air cleaner, dual-stage	RE55571	X	X	N/A	N/A	N/A	N/A
Bracket	RE54109	X	X	N/A	N/A	N/A	N/A
Support strap	R119758	X	X	N/A	N/A	N/A	N/A
Spacer, strap to cylinder head	A21066	X	X	N/A	N/A	N/A	N/A
Tube (Low turbo, front exhaust)	R500178	X	X	N/A	N/A	N/A	N/A
Tube (High turbo, front exhaust)	R106855	X	X	N/A	N/A	N/A	N/A
Hose, air cleaner to tube	T52220	X	X	N/A	N/A	N/A	N/A
Hose, tube to turbo	R97097	X	X	N/A	N/A	N/A	N/A
Rain cap	RE11158	X	X	N/A	N/A	N/A	N/A
Air cleaner, single-stage w/screen	RE64564	X	X	X	X	N/A	N/A
Tube, w/boss (air cleaner support)	RE68567	X	X	X	X	N/A	N/A
Strap, support (low turbo, rear exhaust)	R133490	X	X	X	X	N/A	N/A
Strap, support (low turbo, front exhaust)	R135559	X	X	X	X	N/A	N/A
Strap, support (high turbo, front exhaust)	R129051	X	X	X	X	N/A	N/A
Tube, turbo inlet hose	R98444	X	X	X	X	N/A	N/A
Hose, tube to turbo	H136566	X	X	X	X	N/A	N/A
Hose	R132527	X	X	X	X	N/A	N/A

Continued - -

¹ Major components only, see PC2527 for hardware and clamps.

PowerTech 8.1 L Engine Accessories¹ - - continued

	Part Number	6081 TF001	6081 AF001	6081HF001		6081HF070	
				Suction Fan	Blower Fan	Suction Fan	Blower Fan
Muffler	RE66138	X	X	X	X	X	X
Clamp	AR43704	X	X	X	X	X	X
Gasket	R42375	X	X	X	X	X	X
Rain cap	AR60857	X	X	X	X	X	X
Auxiliary-drive gear kits							
Right-hand aux- drive kit, SAE "A"	RE62796	X	X	X	X	X	X
Left-hand aux-drive kit (w/o output gear)	RE62802	X	X	X	X	X	X
Midland 1300 aux. drive / installation kit	RE67122	X	X	X	X	X	X
Hydraulic pump adapter, SAE "A" w/9-tooth spline to rear	RE62804	X	X	X	X	X	X
Hydraulic pump adapter, SAE "B" w/13-tooth spline to rear	RE62803	X	X	X	X	X	X
Air compressor							
Midland 13 cfm w/drive-thru (SAE J744 82-2 (A) flange and 19-4 spline)	RE66568	X	X	X	X	X	X
Air governor - Midland 13 cfm (105-110 psi cut-in)	RE70072	X	X	X	X	X	X
Installation kit - Midland 13 cfm (use with 5201) (Includes RE64609 side outlet exhaust manifold for RE66568.)	RE67122	X	X	X	X	X	X
Holset 13 cfm w/drive-thru (SAE J744 82-2 (A) flange and 19-4 spline)	RE65919	X	X	X	X	X	X
Holset 13 cfm w/drive-thru (continuous duty) (SAE J744 82-2 (A) flange and 19-4 spline)	RE500660	X	X	X	X	X	X
Installation kit - Holset 13 cfm (use with 5201)	RE70694	X	X	X	X	X	X
Starting Aid Kits							
EtherStart Aid Kit, 12 V (To order, contact JDPS order coordinator.)	RE505919			X	X	X	X
EtherStart Aid Kit, 24 V (To order, contact JDPS order coordinator.)	RE505920			X	X	X	X
Freon compressors							
Sanden air cond. compressor (R134a - 12-volt)	RE68372	X	X	X	X	X	X
Nippondenso air cond. compressor (R134a - 12-volt)	RE46609	X	X	X	X	X	X
Freon compressor kits							
Nippondenso, for use with fixed fan drive (includes RE46609 compressor)	RE64905	X	X	X	X	X	X
Nippondenso, for use with adjustable fan drive (includes RE46609 compressor)	RE64906	X	X	X	X	X	X

Continued - -

¹ Major components only, see PC2527 for hardware and clamps.

PowerTech 8.1 L Engine Accessories¹ - - continued

	Part Number	6081 TF001	6081 AF001	6081HF001		6081HF070	
				Suction Fan	Blower Fan	Suction Fan	Blower Fan
Radiator² (high debris) (with 28" fan)	RE64410	X	X	X	X	X	X
Fan shroud (with 28" fan)	R120930	X	X	X	N/A	X	N/A
Fan guard (with 28" fan)	RE56601	X	X	X	X	X	X
Lower hose (with 28" fan)	R128846	X	X	X	X	X	X
Fan shroud (Air-to-air w/blower fan only)	R126717	N/A	N/A	N/A	X	N/A	X
Upper hose	R128845	X	X	X	X	X	X
Charge air cooler (Aftercooler)	RE62833	N/A	N/A	X	X	X	X
Tube, aftercooler inlet (high turbo, front exhaust)	R128909	N/A	N/A	X	N/A	X	N/A
Tube, aftercooler inlet (low turbo, rear exhaust)	R128840	N/A	N/A	X	N/A	X	N/A
Tube, aftercooler outlet	RE500938	N/A	N/A	X	N/A	X	N/A
Tube, aftercooler inlet (high turbo, front exhaust)	R128842	N/A	N/A	N/A	X	N/A	X
Tube, aftercooler inlet (low turbo, rear exhaust)	R132439	N/A	N/A	N/A	X	N/A	X
Tube, aftercooler outlet	RE500937	N/A	N/A	N/A	X	N/A	X
Clamp(s), aftercooler tube	2-R111156	N/A	N/A	X	X	X	X
Bushing, aftercooler tube clamp spacer	B10121	N/A	N/A	X	X	X	X
Hose(s), inlet and outlet tube connector	3-R164193	N/A	N/A	X	X	X	X
Hose, aftercooler outlet to intake manifold	R90980	N/A	N/A	X	X	X	X
Hose clamps	7-RE52702	N/A	N/A	X	X	X	X
Hose clamp, aftercooler outlet hose to intake manifold only	AT37693	N/A	N/A	X	X	X	X
Fan, suction type (28" diameter)	RE56527	X	X	X	N/A	X	N/A
Suction fan spacer	R128767	X	X	X	N/A	X	N/A
Fan, blower type (28" diameter)	RE56528	X	X	N/A	X	N/A	X
Blower fan spacer	R128860	X	X	N/A	X	N/A	X
Radiator³ (standard duty) (with 26" fan)	RE65161	X	X	X	N/A	X	N/A
Fan shroud	R132912	X	X	X	N/A	X	N/A
Fan guard	RE20971	X	X	X	N/A	X	N/A
Upper hose	R133009	X	X	X	N/A	X	N/A
Lower hose	R133010	X	X	X	N/A	X	N/A

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¹ Major components only, see PC2527 for hardware and clamps.

² Rec'md. for open power units or John Deere standard design enclosure without auxiliary coolers - 6081HF070 Industrial ratings to 300 HP (224 kW) only.

³ Recommended for open power units - 6081HF070 Industrial ratings to 300 HP (224 kW) only

PowerTech 8.1 L Engine Accessories¹ - - continued

	Part Number	6081 TF001	6081 AF001	6081HF001		6081HF070	
				Suction Fan	Blower Fan	Suction Fan	Blower Fan
Charge air cooler (Aftercooler)³	RE65162	N/A	N/A	X	N/A	X	N/A
Tube, aftercooler inlet (high turbo, front exhaust)	R135045	N/A	N/A	X	N/A	X	N/A
Tube, aftercooler outlet (high turbo, front exhaust)	RE500935	N/A	N/A	X	N/A	X	N/A
Tube, aftercooler inlet (low turbo, front exhaust)	R133003	N/A	N/A	X	N/A	X	N/A
Tube, aftercooler inlet (low turbo, rear exhaust)	R132924	N/A	N/A	X	N/A	X	N/A
Tube, aftercooler outlet (low turbo, front & rear exhaust)	RE500936	N/A	N/A	X	N/A	X	N/A
Clamp(s), aftercooler tube	2-R111156	N/A	N/A	X	N/A	X	N/A
Bushing, aftercooler tube clamp spacer	B10121	N/A	N/A	X	N/A	X	N/A
Hose, turbo compressor outlet to aftercooler	R98412	N/A	N/A	X	N/A	X	N/A
Hose(s), aftercooler inlet and outlet tubes	2-R43605	N/A	N/A	X	N/A	X	N/A
Hose(s), aftercooler outlet to intake manifold	R90980	N/A	N/A	X	N/A	X	N/A
Hose clamps	7-RE52702	N/A	N/A	X	N/A	X	N/A
Hose clamp, aftercooler outlet hose to intake manifold	AT37693	N/A	N/A	X	N/A	X	N/A
Fan, suction type (26" diameter)	AR70712	X	X	X	N/A	X	N/A
Suction fan spacer	R128767	X	X	X	N/A	X	N/A
Fan, blower type (26" diameter)	RE20967	X	X	N/A	N/A	N/A	N/A
Blower fan spacer	R128767	X	X	N/A	N/A	N/A	N/A
Radiator⁴ (standard duty) (with 26" fan)	RE67548	X	X	N/A	N/A	N/A	N/A
Fan shroud	R134164	X	X	N/A	N/A	N/A	N/A
Fan guard	RE20971	X	X	N/A	N/A	N/A	N/A
Upper hose	R133009	X	X	N/A	N/A	N/A	N/A
Lower hose	R136021	X	X	N/A	N/A	N/A	N/A
Fan, suction type (26" diameter)	AR70712	X	X	N/A	N/A	N/A	N/A
Suction fan spacer	R128767	X	X	N/A	N/A	N/A	N/A
Fan, blower type (26" diameter)	RE20967	X	X	N/A	N/A	N/A	N/A
Blower fan spacer	R128860	X	X	N/A	N/A	N/A	N/A

¹ Major components only, see PC2527 for hardware and clamps.

² Rec'md. for open power units or John Deere standard design enclosure without auxiliary coolers - 6081HF070 Industrial ratings to 300 HP (224 kW) only.

³ Recommended for open power units - 6081HF070 Industrial ratings to 300 HP (224 kW) only

⁴ Recommended for open power units.

PowerTech 8.1 L Engine Accessories¹ - - continued

	Part Number	6081HF070 Industrial (300-350 HP) Suction Fan (28Ó)	Part Number	6081HF070 Generator Blower Fan (36Ó)
Radiator	RE521182	QTY = 1	RE521150	QTY = 1
Charge Air Cooler	RE521183	QTY = 1	RE521173	QTY = 1
Fuel Cooler	RE521184	QTY = 1	RE521174	QTY = 1
Fan Shroud	RE521185	QTY = 1	RE521172	QTY = 1
Hose, upper radiator coolant	R518758	QTY = 1	R518762	QTY = 1
Hose, lower radiator coolant	R518759	QTY = 1	R518763	QTY = 1
Tube, intercooler outlet	R518760	QTY = 1	R518764	QTY = 1
Tube, intercooler inlet	R518761	QTY = 1	R518765	QTY = 1
Fan Guard	RE56601	QTY = 1	RE504405	QTY = 1
Clamp, hose	R41991	QTY = 4	R41991	QTY = 4
Hose, intercooler inlet and outlet	R164193	QTY = 3	R164193	QTY = 3
Hose, special (intercooler outlet tube to intake manifold)	R90980	QTY = 1	R90980	QTY = 1
Clamp, hose (intercooler outlet hose to intake manifold)	AT37693	QTY = 1	AT37693	QTY = 1
Clamp, band (constant torque, intercooler inlet & outlet hose)	RE52702	QTY = 7	RE52702	QTY = 7
Bushing (between intercooler outlet tube clamps)	B10121	QTY = 1	B10121	QTY = 1
Fan	RE56527	QTY = 1	RE68278	QTY = 1
Fan spacer	R128767	QTY = 1	R134199	QTY = 1

Continued - -

¹ Major components only, see PC2527 for hardware and clamps.

PowerTech 10.5 L and 12.5 L Engine Accessories

	6105AF001	6105HF001	6125AF001	6125HF001	6125HF070
Air cleaner, two-stage	RE16807	RE16807	RE16807	RE16807	RE16807
Mounting band	2-RE16810	2-RE16810	2-RE16810	2-RE16810	2-RE16810
Intake tube (front exhaust)	R133588	R133588	R133588	R133588	R133588
Reducer (front exhaust)	R133586	R133586	R133586	R133586	R133586
Intake tube (rear exhaust)	R133587	R133587	R133587	R133587	R133587
Reducer elbow (rear exhaust)	R152687	R152687	R152687	R152687	R152687
Elbow, 90° (6" - 7")	R133585	R133585	R133585	R133585	R133585
Rain cap	RE16811	RE16811	RE16811	RE16811	RE16811
Muffler	RE68280	RE68280	RE68281	RE68281	RE68281
Clamp (muffler)	2-AN273958	2-AN273958	1-AN273958 1-RE500329	1-AN273958 1-RE500329	1-AN273958 1-RE500329
Exhaust pipe (rear-exhaust turbocharger)	RE68282	RE68282	RE68282	RE68282	RE68282
Exhaust pipe (front-exhaust turbocharger)	RE68283	RE68283	RE68283	RE68283	RE68283
Mounting Band	2-RE68642	2-RE68642	2-RE68642	2-RE68642	2-RE68642
Elbow, 90° (10" long)	R500204	R500204	R500203	R500203	R500203
Clamp (turbo flange)	RE25566	RE25566	RE25566	RE25566	RE25566
Rain cap	AR86605	AR86605	AT69239	AT69239	AT69239
Auxiliary-drive kits					
Idler gear bearing assembly, SAE "C"	RE69480	RE69480	RE69480	RE69480	RE69480
Hydraulic pump adapter, SAE "A" to front, "B" to rear	RE69482	RE69482	RE69482	RE69482	RE69482
Hydraulic pump adapter, SAE "B" to front, "B" to rear	RE500740	RE500740	RE500740	RE500740	RE500740
Air compressor					
Holset 13.2 CFM (gear-driven) w/drive-thru	RE65093	RE65093	RE65093	RE65093	RE65093
Holset 15 CFM (gear-driven) w/drive-thru	RE69650	RE69650	RE69650	RE69650	RE69650
Holset 34 CFM (gear-driven) w/drive-thru	RE500297	RE500297	RE500297	RE500297	RE500297
Holset 13.2 CFM (spline-driven) w/drive-thru	RE501186	RE501186	RE501186	RE501186	RE501186
Holset 15 CFM (spline-driven) w/drive-thru	RE501187	RE501187	RE501187	RE501187	RE501187
Holset installation kit (13.2, 15 and 34 CFM)	RE500778	RE500778	RE500778	RE500778	RE500778
Freon compressor kits					
Nippondenso air cond. compressor (R134a - 12-volt)	RE46609	RE46609	RE46609	RE46609	RE46609
Sanden air cond. compressor (R134a - 12-volt)	RE68372	RE68372	RE68372	RE68372	RE68372

Continued - -

PowerTech 10.5 L and 12.5 L Engine Accessories - - continued

	6105AF001	6105HF001	6125AF001	6125HF001	6125HF070
Starting Aids					
Coolant Heater, In-Block, 110 V	AR84185	AR84185	AR84185	AR84185	AR84185
Coolant Heater, In-Block, 220 V	RE15940	RE15940	RE15940	RE15940	RE15940
Heater Cord, 110 V, 36" Length	AR87405	AR87405	AR87405	AR87405	AR87405
Heater Cord, 220 V, 36" Length	RE15942	RE15942	RE15942	RE15942	RE15942
Heater Cord, 220 V, 12" Length	AR87079	AR87079	AR87079	AR87079	AR87079
EtherStart Aid Kit, 12 V (To order, contact JDPS order coordinator.)	N/A	N/A	RE505919	RE505919	RE505919
EtherStart Aid Kit, 24 V (To order, contact JDPS order coordinator.)	N/A	N/A	RE505920	RE505920	RE505920
Radiator¹	RE68274	RE68640	RE68274	RE68640	RE68640
Fan shroud	RE504952	RE504953	RE504952	RE504953	RE504953
Fan guard	RE504405	RE504405	RE504405	RE504405	RE504405
Tube, upper radiator coolant	R134197	R133199	R134197	R133199	R133199
Hose, upper radiator tube	2-R117080	2-R117080	2-R117080	2-R117080	2-R117080
Tube, lower radiator coolant	R133200	R133200	R133200	R133200	R133200
Hose, lower radiator tube	2-R122290	2-R122290	2-R122290	2-R122290	2-R122290
Charge air cooler (Aftercooler)¹	N/A	RE68638	N/A	RE68638	RE68638
Tube, CAC inlet (front exhaust)	N/A	RE500363	N/A	RE500363	RE500363
Tube, CAC inlet (rear exhaust)	N/A	RE500362	N/A	RE500362	RE500362
Tube, CAC outlet	N/A	RE500364	N/A	RE500364	R504637
Hose, CAC inlet and outlet	N/A	2-RE500365	N/A	2-RE500365	2-RE500365
Hose, Engine intake assembly	N/A	R133207	N/A	R133207	R133207
Hose, Turbo comp outlet	N/A	R500495	N/A	R500495	R500495
Clamp, 4" hose	N/A	8-RE52703	N/A	8-RE52703	8-RE52703
Clamp, 3" hose	N/A	RE52702	N/A	RE52702	RE52702
Support, CAC Inlet Tube	N/A	R134200	N/A	R134200	R134200
Tube, Retaining Strap	N/A	4-R134198	N/A	4-R134198	4-R134198
Spacer	N/A	2-B28400	N/A	2-B28400	2-B28400

Continued - -

¹ Recommended for open power units or open John Deere engine power unit components without auxiliary coolers. Refer to the cooling chart in the radiator section for hydraulic coolers or gen-set applications.

² 12-volt or 24-volt system.

³ For additional JDEC instrument panel accessories, see "Instrument Panels and Controls" section (DSEG1110).

PowerTech 10.5 L and 12.5 L Engine Accessories - - continued

	6105AF001	6105HF001	6125AF001	6125HF001	6125HF070
Fan, suction type¹	RE68279	RE68279	RE68279	RE68279	RE68279
Suction fan spacer	R134199	R134199	R134199	R134199	R134199
Screw, M10 x 1.5 x 160mm	6-19M8952	6-19M8952	6-19M8952	6-19M8952	6-19M8952
Suction fan drive ratios	0.68	0.68	0.68	0.68	0.68 - 0.82 ²
Fan, blower type¹	RE68278	RE68278	RE68278	RE68278	RE68278
Blower fan spacer	R128860	R128860	R128860	R128860	R128860
Screw, M10 x 1.5 x 100mm	6-19M7812	6-19M7812	6-19M7812	6-19M7812	6-19M7812
Blower fan drive ratios	0.82	0.82	0.82	0.82	0.68 - 0.82 ²

¹ Recommended for open power units or open John Deere engine power unit components without auxiliary coolers.

Refer to the cooling chart in the radiator section for hydraulic coolers or gen-set applications.

² Refer to Radiator Performance for 6125HF070 Engines in the Cooling System Performance section (ACC-07).

PowerTech 12.5 L Engine Accessories - - continued

	6125HF070 (Industrial) (500-600 HP) Suction Fan (8-blade; 36")	6125HF070 (Generator) Blower Fan (42")
Radiator	RE521225 (Qty = 1)	RE521230 (Qty = 1)
Charge Air Cooler	RE521226 (Qty = 1)	RE521231 (Qty = 1)
Fan Shroud	RE521227 (Qty = 1)	RE521232 (Qty = 1)
Tube, upper radiator coolant	R518751 (Qty = 1)	R518749 (Qty = 1)
Tube, lower radiator coolant	R518752 (Qty = 1)	R518750 (Qty = 1)
Tube, charge air, upper	RE521455 (Qty = 1)	RE521454 (Qty = 1)
Tube, charge air cooler outlet	RE522417 (Qty = 1)	RE522418 (Qty = 1)
Hose, water pump outlet	R117080 (Qty = 2)	R117080 (Qty = 2)
Hose	R122290 (Qty = 2)	R122290 (Qty = 2)
Hose Clamp	N/A	RE41991 (Qty = 4)
Fan Guard	RE504405 (Qty = 1)	RE521233 (Qty = 1)
Tube, charge air cooler inlet and outlet	RE500365 (Qty = 2)	RE500365 (Qty = 2)
Hose, engine intake assembly	R133207 (Qty = 1)	R133207 (Qty = 1)
Hose, turbo comp outlet	R500495 (Qty = 1)	R500495 (Qty = 1)
Clamp, 4" hose	RE52703 (Qty = 8)	RE52703 (Qty = 8)
Clamp, 3" hose	RE52702 (Qty = 1)	RE52702 (Qty = 1)
Support, upper charge air cooler tube	R134200 (Qty = 1)	R134200 (Qty = 1)
Cable Assembly	AW19033 (Qty = 4)	AW19033 (Qty = 4)
Bushing	B28400 (Qty = 2)	B28400 (Qty = 2)
Fan	RE68279 (Qty = 1)	RE521472 (Qty = 1)
Fan spacer	R134199 (Qty = 1)	R134199 (Qty = 1)
Screw, flanged metric	19M8952 (Qty = 6)	19M8952 (Qty = 6)

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PowerTech Engines -- Miscellaneous Accessories

Description	Part Number	Fits	Also Needed	Comments
Coolant heater, Tank-type, 110 V	AT27407	2.9 L		U.S. Plug
Coolant heater, In-block, 110 V	RE42138	4.5L / 6.8L / 8.1L		U.S. Plug
Coolant heater, In-block, 220 V	RE42140	4.5L / 6.8L / 8.1L		European Plug
Electronic Tach. w/ Hourmeter	RE54922	2.9 L / 4.5L / 6.8L / 8.1L		12 V / 24 V
Hourmeter, 12 V	AT160120	2.9 L / 4.5L / 6.8L / 8.1L	3 - #6 X1/2" screws & washers	
Hourmeter, 24 V	AT44832	2.9 L / 4.5L / 6.8L / 8.1L	3 - #6 X1/2" screws & washers	
Ether Starting Aid	AR68492	8.1 L		12 V
Ether Starting Aid	RE502745	2.9 L / 4.5 L / 6.8 L	T175293Bushing 7/8-14 to M10	12 V
In-line Fuel Prefilter	AL67975	Rotary Injection Pumps	2 - R56101 Hose Clamps	
In-line Fuel Prefilter	RE38818	In-line Injection Pumps	2 - R56101 Hose Clamps	
Water Separator w/ transparent bowl and hand primer	RE63136	2.9 L / 4.5L / 6.8L / 8.1L (non-marine)	2 - R27094 Plugs, 2 - R26286 O-rings	Use 1/2-20 SAE J514 straight hydraulic fittings
Auxiliary Electric Fuel Pump	AH130127	All 12 V	2 - M84497 Fittings	3-6 foot vertical lift
Instrument Panel (Mechanical Governor Engines)	RE502090	4.5 L / 6.8 L / 8.1L		See Engine Instrument Panels and Controls Section
Instrument Panel (JDEC Engines)	RE162429	8.1L / 10.5 L / 12.5 L		See Engine Instrument Panels and Controls Section
Oil Filter, Extended life	RE67764	4.5 L / 6.8 L	See Application Guidelines	See Application Guidelines
Alternator Trash Screen	AT45617	Delco 12 SI Alternator		
Alternator Trash Screen	AT207952	Bosch K-Series Alternator		
Fuel Filter Accessories:				
Transparent Sediment Bowl	RE51650	2.9 L / 4.5L / 6.8L		
Pre-filter Screen	R113558	2.9 L / 4.5L / 6.8L		
Hand Fuel Primer	RE50467	2.9 L / 4.5L / 6.8L		Not compatible with fuel heater
Fuel Heater - 12 volt	RE51648	2.9 L / 4.5L / 6.8L		Not compatible with hand fuel primer
Fuel Heater - 24 volt	RE504134	2.9 L / 4.5L / 6.8L		Not compatible with hand fuel primer
Coolant Recovery Bottle	AT162597	All (Up to 10-gallon coolant capacity)		1-gallon plastic tank
Elbow fitting & O-ring for Fuel System	RE504781	10.5 L / 12.5 L		11/16 UN flat face seal to 3/8 hose barb
Fuel Transfer Pump Adapter Fitting	R500404	4.5 L / 6.8 L	R500271 O-ring	10 mm - 1/8-27NPSF Adapter