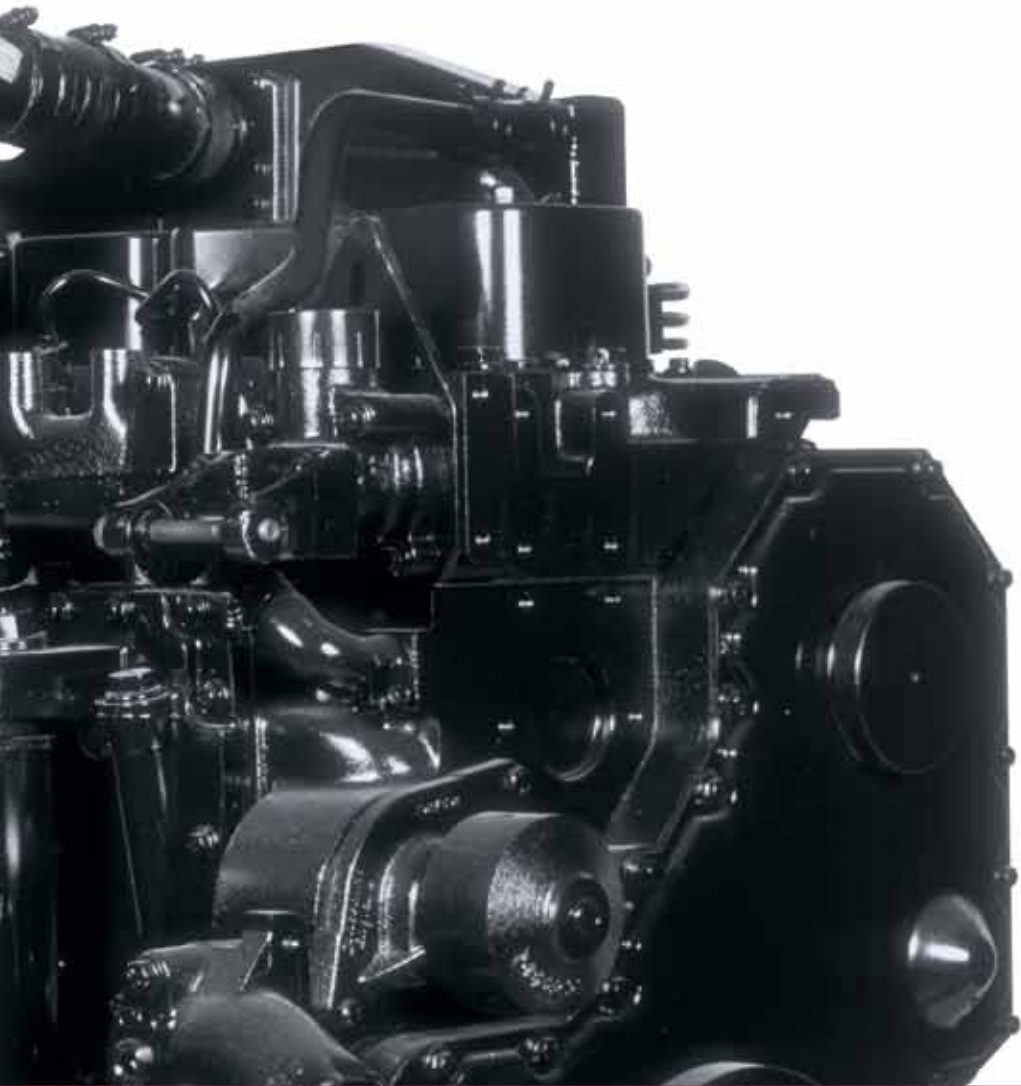


REMAN ENGINES

APPLICATION GUIDE



CNH REMAN ENGINES

Today, there are more reasons than ever to choose CNH Remanufactured Engines for your equipment. From more engine choices to less downtime during installation, you're sure to appreciate the unique benefits of choosing reman.

If you're new to CNH Remanufactured Engines, here are some great reasons to make reman a key element in your ongoing equipment maintenance program:

SIGNIFICANT SAVINGS

CNH Remanufactured Engines cost less than new parts – offering a great value while ensuring peak performance.

MORE CHOICES

Every day, we look to add even more parts to our already extensive reman roster. This expanded engine offering gives you more options for your equipment needs.

HIGHER VALUE

It's a fact. When you install CNH Remanufactured Engines in your older equipment, you can expect increased resale value.

OEM PERFORMANCE

Unlike generic engines, each genuine CNH Remanufactured Engine is engineered to deliver like-new performance that meets stringent CNH performance specs. Guaranteed.

LESS DOWNTIME WITH INSTALLATION OPTIONS

Because CNH Remanufactured Engines are ready to install, our service technicians can spend less time completing repairs or shop installs. The result? Quicker turnaround and a whole new level of equipment uptime for you.

PROMPT CREDIT FOR YOUR CORE

Your existing engine has value. Your local dealer is equipped to provide a prompt, thorough analysis of your engine to give you a credit (Engine values vary with condition).

SUPERIOR WARRANTY PROTECTION

Unlike no-name competitors or rebuilds, all CNH Remanufactured Engines are fully warranted – just like those bought new. CNH Remanufactured Engines provide better than new warranty coverage.

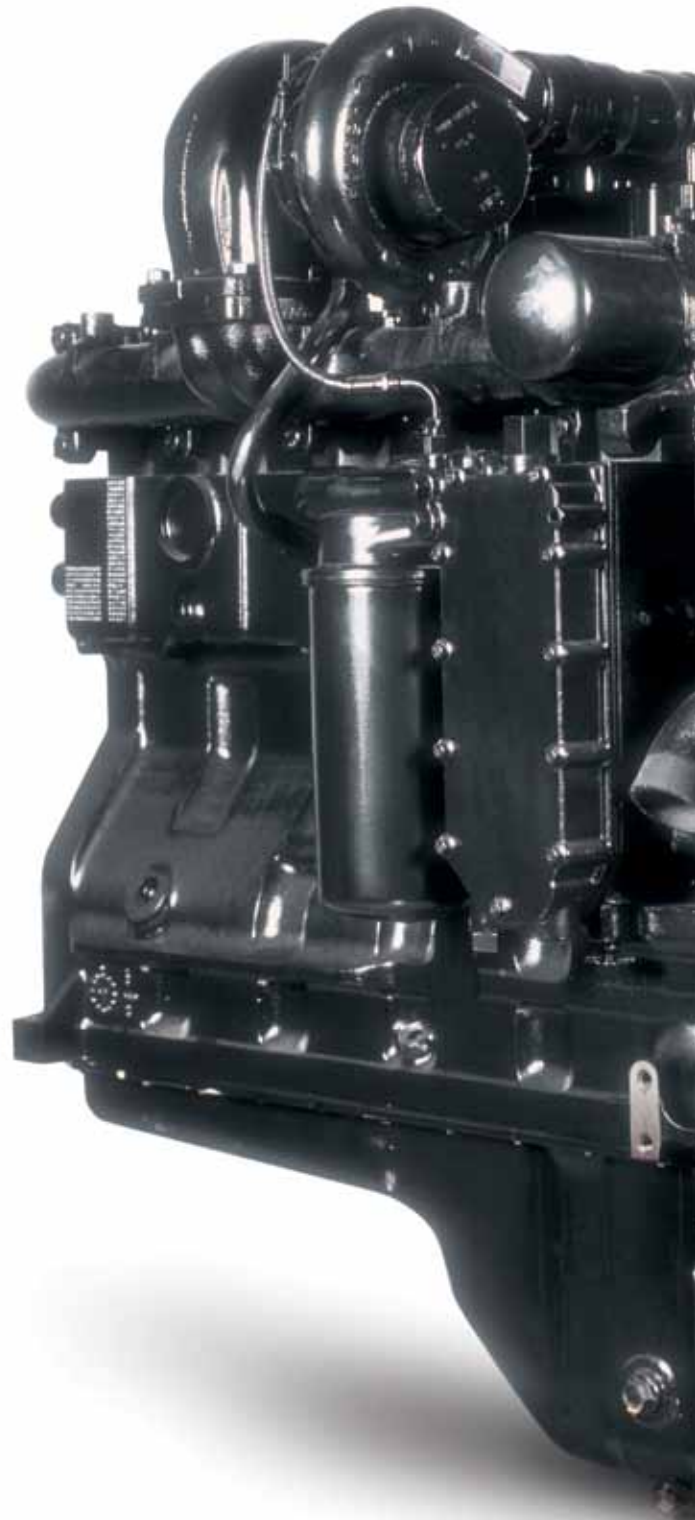
- Two year on Replacement Level engines*
- One year on Basic Level engines*

QUALITY

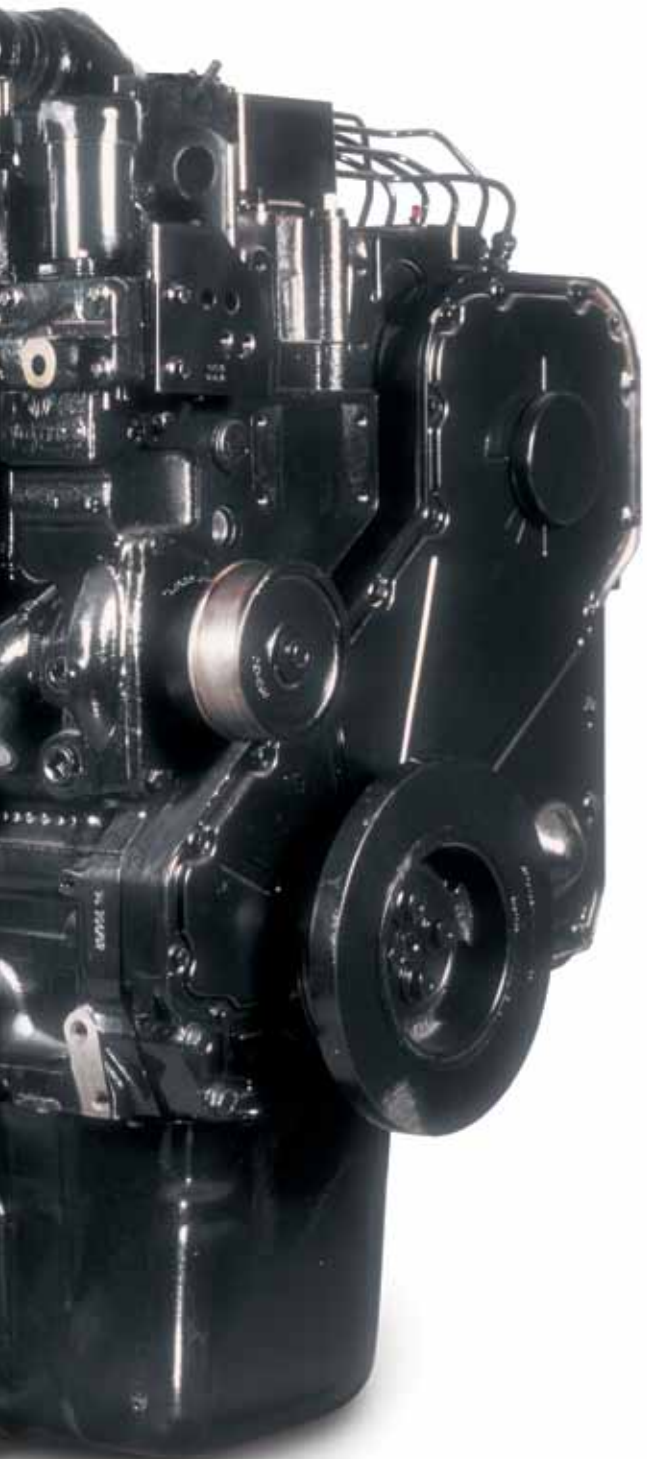
CNH Remanufactured Engines are completely disassembled. All parts are thoroughly inspected and reassembled to exacting OEM specifications.

With so many advantages, choosing CNH Remanufactured Engines isn't just a good idea, it's good business.

*When installed by a Case IH dealer.



REMAN ENGINES



REPLACEMENT LEVEL REMANUFACTURED ENGINES INCLUDE:

- Long block
- Injection pump
- Fuel injection nozzles
- Fuel lines
- Fuel filter header assembly with fuel feed and return lines
- Cold start line for electrical shut-off applications
- Crank pulley with retaining bolt and washer
- Thermostat housing and thermostat
- Injector return line and banjos
- Exhaust manifold
- Intake manifold
- 100% new pistons, rings, bearings, seals, gaskets
- Turbochargers (where applicable)

BASIC LEVEL REMANUFACTURED ENGINES INCLUDE:

- Short block
- Cylinder head
- 100% new pistons, rings, bearings, seals, gaskets
- Oil pump
- Water pump
- Oil pan with pick-up tube
- Valve cover
- Connecting rods
- Camshaft
- Idler core
- Front gear housing

CORE VALUE

Each time a replacement reman part is ordered, a core charge is included on the invoice. Like a deposit, the core charge is credited back once the used core is returned. To get the most value for the core, returns must meet the following criteria:

- 1** Core is complete, assembled and in “as removed” condition, and all ports are plugged.
- 2** Core is returned with all parts included on the replacement reman unit.
- 3** Core is not damaged (components are not broken, rusty, corroded, welded or burned).
- 4** Core is like-for-like, compared to the reman part being purchased.

REMAN ENGINES

CASE IH APPLICATIONS FOR REPLACEMENT AND BASIC REMAN ENGINES



REPLACEMENT LEVEL

Why CNH Original Reman Replacement Engines Give You Value

- 1 Installation time compared to an out of frame overhaul is 70% less.
- 2 Customer receives a two year warranty on parts and labor when installed by a Case IH Dealer. Warranty protects dealer and customer on comeback expense on base engine.
- 3 During times of peak demand in your service center, throughput is significantly increased versus in-frame and out-of-frame overhauls.

BASIC LEVEL

Why CNH Original Reman Basic Engines Give You Value

- 1 Installation time compared to an out-of-frame overhaul is 40 – 50% less.
- 2 Customer receives a one year warranty on parts and labor when installed by a Case IH Dealer. Warranty protects dealer and customer on comeback expense on base engine.
- 3 During times of peak demand in your service center, throughput is improved versus in-frame and out-of-frame overhauls.

REMAN IH BASIC LEVEL ENGINES

IH TRACTORS - BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS
100 Hydro	IH D-436	T0	1928254C92	Core engine cylinder head required to have one of these casting numbers: 680427C1, 680427C2, 677500C1.
186 Hydro	IH D-436	T0	1928254C92	Core engine cylinder head required to have one of these casting numbers: 680427C1, 680427C2, 677500C1.
966	IH D-414	T0	1928248C92	Core engine cylinder head required to have one of these casting numbers: 680427C1, 680427C2, 677500C1.
966	IH D-414	T0	1928248C92	Core engine cylinder head required to have one of these casting numbers: 680427C1, 680427C2, 677500C1.
986	IH D-436	T0	1928254C92	Core engine cylinder head required to have one of these casting numbers: 680427C1, 680427C2, 677500C1.
1066	IH DT-414	T0	1928250C92	Core engine cylinder head required to have one of these casting numbers: 675549C1, 680426C1, 680426C2.
1066	IH DT-414	T0	1928250C92	Core engine cylinder head required to have one of these casting numbers: 675549C1, 680426C1, 680426C2.
1086	IH DT-414	T0	1928250C92	Before engine SN 140024, Core engine cylinder head required to have one of these casting numbers: 675549C1, 680426C1, 680426C2.
1086	IH DT-414B	T0	1928252C92	Engine SN 140024 and after, Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
1466	IH DT-436	T0	1928256C92	Core engine cylinder head required to have one of these casting numbers: 675549C1, 680426C1, 680426C2.
1486	IH DT-436	T0	1928256C92	Before engine SN 100078, Core engine cylinder head required to have one of these casting numbers: 675549C1, 680426C1, 680426C2.
1486	IH DT-436B	T0	1928258C92	Engine SN 100078 and after, Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
1566	IH DT-436	T0	1928256C92	Core engine cylinder head required to have one of these casting numbers: 675549C1, 680426C1, 680426C2.
1586	IH DT-436	T0	1928256C92	Before engine SN 100394, Core engine cylinder head required to have one of these casting numbers: 675549C1, 680426C1, 680426C2.
1586	IH DT-436B	T0	1928258C92	Engine SN 100394 and after, Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
3388 2 + 2	IH DT-436B	T0	1928260C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
3588 2 + 2	IH DT-466B	T0	1928266C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
3688	IH D-436	T0	1928254C92	Core engine cylinder head required to have one of these casting numbers: 680427C1, 680427C2, 677500C1.
3788 2 + 2	IH DT-466B	T0	1928266C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
5088	IH DT-436B	T0	1928258C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
5288	IH DT-466B	T0	1928268C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
5488	IH DTI-466B	T0	1928268C92	Before chassis number 2468, Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.

REMAN ENGINES

IH TRACTORS (continued) - BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS
5488	IH DTI-466C	T0	1928268C92	Chassis number 2468 and after, Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
6388 2 + 2	IH DT-436B	T0	1928260C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
6588 2 + 2	IH DT-466B	T0	1928266C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
6788 2 + 2	IH DT-466B	T0	1928266C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
7288 2 + 2	IH DTI-466C	T0	1928268C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2 and front gear housing required to have one of these casting numbers: 1802877C1 or C2, 1806048C1 or C2, 1806623C1 or C2, 1806625C1 or C2, 1806627C1 or C2.
7488 2 + 2	IH DTI-466C	T0	1928268C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2 and front gear housing required to have one of these casting numbers: 1802877C1 or C2, 1806048C1 or C2, 1806623C1 or C2, 1806625C1 or C2, 1806627C1 or C2.
4366 4WD	IH DT-466	T0	1928262C92	Core engine cylinder head required to have one of these casting numbers: 675549C1, 680426C1, 680426C2.
4386 4WD	IH DTI-466	T0	1928262C92	Before engine SN 77299, Core engine cylinder head required to have one of these casting numbers: 675549C1, 680426C1, 680426C2.
4386 4WD	IH DTI-466B	T0	1928266C92	Engine SN 77299 and after, Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.

IH COMBINES - BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS
815	IH D-414	T0	1928248C92	Chassis SN 8001 and after, Core engine cylinder head required to have one of these casting numbers: 680427C1, 680427C2, 677500C1.
915	IH DT-414	T0	1928250C92	Chassis SN 8001 and after, Core engine cylinder head required to have one of these casting numbers: 675549C1, 680426C1, 680426C2.
1440	IH D-436	T0	1928254C92	Core engine cylinder head required to have one of these casting numbers: 680427C1, 680427C2, 677500C1.
1460	IH DT-436	T0	1928256C92	Before engine SN 100008, Core engine cylinder head required to have one of these casting numbers: 675549C1, 680426C1, 680426C2.
1460	IH DT-436B	T0	1928258C92	Engine SN 100008 and after, Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
1470	IH DT466B	T0	1928268C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
1470	IH DT-466C	T0	1928268C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
1480	IH DT-436	T0	1928256C92	Before engine SN 103042, Core engine cylinder head required to have one of these casting numbers: 675549C1, 680426C1, 680426C2.
1480	IH DT-436B	T0	1928258C92	Engine SN 103042 and after, Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
1480	IH DT-466B	T0	1928268C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
1480	IH DT-466C	T0	1928268C92	Core engine cylinder head required to have one of these casting numbers: 688833C1, 688833C2.
1660	IH DT-466B	T0	1928268C92	Before P.I.N. JJC0038346 and before engine SN 194973, Core engine cylinder head must have one of the following casting numbers: 688833C1 or 688833C2.

IH COMBINES (continued) - BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS
1660	IH DT-466C	T0	106835A2R	Before P.I.N. JJC0038346 and engine SN 194973, Core engine cylinder head must have one of the following casting numbers: 688833C1 or 688833C2 and the front gear housing must have one of the following casting number: 1802877C1 or C2, 1806048C1 or C2.
1670	IH DTI-466C	T0	106835A2R	Before P.I.N. JJC0080540, Core engine cylinder head must have one of the following casting numbers: 688833C1 or 688833C2 and the front gear housing must have one of the following casting number: 1802877C1 or C2, 1806048C1 or C2.
1680	IH DTI-466C	T0	1928268C92	Before P.I.N. JJC0045689 and before engine SN 194973, Core engine cylinder head must have one of the following casting numbers: 688833C1 or 688833C2.
1680	IH DTI-466C	T0	106835A2R	Before P.I.N. JJC0045689 and engine SN 194973 and after, Core engine cylinder head must have one of the following casting numbers: 688833C1 or 688833C2 and the front gear housing must have one of the following casting number: 1802877C1 or C2, 1806048C1 or C2.

IH COTTON PICKERS - BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS
1844	IH DT-466C	T0	106834A2R	Before P.I.N. JJC0002462, Core engine cylinder head must have one of the following casting numbers: 688833C1 or 688833C2 and the front gear housing must have one of the following casting number: 1802877C1 or C2, 1806048C1 or C2.



REMAN ENGINES

CDC REMAN REPLACEMENT LEVEL ENGINES

CASE IH TRACTORS - CDC REPLACEMENT LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REPLACEMENT ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
7110	6T-830	T0	1989005C4R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174113, A174180, 1989005C1, 1989005C2, 1989005C3
7120	6T-830	T0	1989161C2R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174114, A174181, 1989006C1, 1989006C2, 1989006C3
7130	6T-830	T0	1989007C4R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174115, A174182, 1989007C1, 1989007C2, 1989007C3
7140	6TA-830	T0	1989186C1R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174116, A174183, 1989008C1, 1989008C2, 1989008C3
7210	6T-830	T0	1989005C4R		1989005C4
7220 prior to P.I.N. JJA0064978	6T-830	T0	1989161C2R		1989161C2
7230 prior to P.I.N. JJA0064978	6T-830	T0	1989007C4R		1989007C4
7240 prior to P.I.N. JJA0064978	6TA-830	T0	1989186C1R		1989186C1

COTTON PICKERS - CDC REPLACEMENT LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REPLACEMENT ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
1844 P.I.N. JJC0002462 & after	6TA-830	T0	1989017C3R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174188, 1989017C1, 1989017C2, 1989017C3, 1989017C4
2044	6TA-830	T0	1989017C3R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174188, 1989017C1, 1989017C2, 1989017C3, 1989017C4
2055	6TA-830	T0	1989144C3R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	1989144C1, 1989144C2, 1989144C3
2155 prior to P.I.N. JJC0156230 (non-emiss.)	6TA-830	T0	1989144C3R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	1989144C1, 1989144C2, 1989144C3

SKID STEER LOADERS - CDC REPLACEMENT LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REPLACEMENT ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
1840 (non-emiss. cert. engine)	4-390	T0	1989137C1R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174028, A174256, A174371, 1989077C1, 1989077C2, 1989137C1
1845C (non-emiss.)	4-390	T0	1989074C2R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174082, A174217, A174259, 1989074C1, 1989074C2

COMBINES - CDC REPLACEMENT LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REPLACEMENT ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
1640 P.I.N. JJC0034705 & after	6TA-590	TO	1989103C2R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174077, A174173, A174194, A174298, 19890103C1, 1989103C2
1660 P.I.N. JJC0038346 & after	6T-830	TO	1989015C4R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174078, A174174, A174344, 1989015C1, 1989015C2, 1989015C3, 1989015C4
1670 JJC0080540 & after	6TA-830	TO	1989023C3R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174237, 1989016C2, 1989023C3
1680 P.I.N. JJC0045689 & after	6TA-830	TO	1989023C3R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174175, A174327, 1989016C2, 1989023C1, 1989023C2, 1989023C3
1644	6TA-590	TO	196099A1R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	1989148C1, 1989148C2, 196099A1
1666	6T-830	TO	1989147C1R		1989147C1
1688	6TA-830	TO	1989174C2R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	1989146C1, 1989174C2, 1989175C1
2144 (non-emiss.) prior to P.I.N. JJC0173150	6TA-590	TO	196099A1R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	1989148C1, 1989148C2, 196099A1
2166 (non-emiss.) prior to P.I.N. JJC0180000	6T-830	TO	1989147C1R		1989147C1
2188 (non-emiss.) prior to P.I.N. JJC0191483	6TA-830	TO	1989174C2R		1989174C2

CASE TRACTORS - CDC REPLACEMENT LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REPLACEMENT ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
1896	6T-590	TO	AR174141	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A172835, A174141
2096	6TA-590	TO	1989107C2R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A172830, A174272, 1989107C1

CASE IH 4 WHEEL DRIVE TRACTORS - CDC REPLACEMENT LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REPLACEMENT ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
9130	6TA-830	TO	1989192C1R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174145, A174167, A174239, 1989004C1, 1989004C2
9230	6TA-830	TO	1989192C1R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	1989021C1, 1989021C2, 1989192C1
9240	6TA-830	TO	1989192C1R	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	1989191C1, 1989192C2

REMAN ENGINES

CDC REMAN BASIC LEVEL ENGINES

CASE TRACTORS - CDC BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
1896	6T-590	T0	1989096C3R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A172835, A174141
2096	6TA-590	T0	1989097C4R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A172830, A174272

CASE IH TRACTORS - CDC BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
MX100	6T-590	T1	246148A2R		183842A2, 183842A3, 183842A4
MX110	6T-590	T1	246148A2R		183840A1, 183840A2, 183840A3, 183840A4, 183840A5, 183840A6
MX120	6T-590	T1	246148A2R		183836A1, 183836A2, 183836A3, 183836A4, 183836A5, 183836A6
MX135	6T-590	T1	246148A2R		183837A1, 183837A2, 183837A3, 183837A4, 183837A5, 183837A6
MX150	6TA-590	T1	243948A1R		183838A1, 183838A2, 183838A3, 183838A4, 183838A5
MX170	6TA-590	T1	243948A1R		183841A2, 183841A3, 183841A4, 183841A5
MX180	6T-830	T1	243307A1R		198565A1
MX200	6TAA-830	T1	243308A1R		256635A1
MX220	6TAA-830	T1	243308A1R		256636A1
MX240	6TAA-8304	T2	87410984R		227198A1, 375186A1, 375186A2, 375186A3, 375186A4, 375186A5, 375186A6
MX255	6TAA-8304	T2	87410984R		389379A2, 3893789A3, 389379A4
MX270	6TAA-8304	T2	87410984R		227199A1, 375187A1, 375187A2, 375187A3, 375187A4, 375187A5, 375187A6
1896	6T-590	T0	1989096C3R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A172835, A174141, A174414
2096	6TA-590	T0	1989097C4R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A172830, A174272, 1989107C1
5130	6-590	T0	1989095C3R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174120, A174279, 1989111C1

CASE IH TRACTORS (continued) - CDC BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
5140	6T-590	T0	1989096C3R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174088, A174274, 1989113C1
5230	6-590	T0	1989095C3R		1989111C1
5240	6T-590	T0	1989096C3R		1989113C1
5250	6T-590	T0	1989096C3R		1989164C1
7110	6T-830	T0	AR174398	Production engines with engine SN number of 44487830 and lower had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174113, A174180, 1989005C1, 1989005C2, 1989005C3
7120	6T-830	T0	AR174398	Production engines with engine SN number of 44487830 and lower had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174114, A174181, 1989006C1, 1989006C2, 1989006C3
7130	6T-830	T0	AR174398	Production engines with engine SN number of 44487830 and lower had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174115, A174182, 1989007C1, 1989007C2, 1989007C3
7140	6TA-830	T0	AR174399	Production engines with engine SN number of 44487830 and lower had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174116, A174183, 1989008C1, 1989008C2, 1989008C3
7150	6TA-830	T0	AR174399	Engine SN 44487830 thru 44823527	1989114C2
7150	6TA-830	T1	199949A1R	Engine SN 44823528 and after	1989185C1
7210	6T-830	T0	AR174398		1989005C2, 1989005C3, 1989005C4, 142942A1
7220	6T-830	T0	AR174398	Before P.I.N. JJA0064978	1989161C2
7220	6T-830	T1	199949A1R	P.I.N. JJA0064978 and after	124702A1
7230	6T-830	T0	AR174398	Before P.I.N. JJA0064978	1989007C4
7230	6T-830	T1	199949A1R	P.I.N. JJA0064978 and after	124703A1
7230	6TA-830	T1	198833A1R		
7240	6TA-830	T0	AR174399	Before P.I.N. JJA0064978	1989186C1
7240	6TA-830	T1	199949A1R	P.I.N. JJA0064978 and after	183333A1
7240	6TA-830	T1	198833A1R		183333A1
7250	6TA-830	T0	199949A1R	Before P.I.N. JJA0064978	1989185C2
7250	6TA-830	T1	198833A1R	P.I.N. JJA0064978 and after	183332A1
8910	6T-830	T1	243307A1R		228158A1
8920	6T-830	T1	243307A1R		228157A1
8930	6T-830	T1	243307A1R		228156A1
8940	6TA-830	T1	243307A1R		319993A1
8950	6TA-830	T1	243308A1R		228154A1

REMAN ENGINES

CASE IH 4 WHEEL DRIVE TRACTORS - CDC BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
9110	6T-830	T0	AR174398**	Production engines with engine SN number of 44487830 and lower had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174142, A174166, A174238, 1989003C2
9130	6TA-830	T0	AR174399**	Production engines with engine SN number of 44487830 and lower had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174239, 1989004C1, 1989004C2
9210	6T-830	T0	AR174398**		1989003C2
9230	6TA-830	T0	AR174399**		1989021C2
9240	6TA-830	T0	AR174399**		1989021C2
9310	6T-830	T0	AR174398**	Before P.I.N. JEE0036501	1989191C1
9310	6T-830	T1	199985A1R**	P.I.N. JEE0036501 and after	124706A1
9330	6TA-830	T0	AR174399**	Before P.I.N. JEE0036501	1989192C1
9330	6TA-830	T1	199985A1R**	P.I.N. JEE0036501 and after	124707A2
STX325	6TAA-9004		87422226	After engine SN 46344789. Using this reman basic engine requires that you order 6 of injector part number 87422170 and recalibrate engine with electronic control module JR944125.	299261A1

**These engines come with a high mount front gear housing, the low mount gear housing from the core engine must be swapped with the front gear housing on the reman engine prior to installing in the tractor.

CASE IH COMBINES - CDC BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
1620	6T-590	T0	1989096C3R	P.I.N. JJC0032630 and after, core engines with engine SN 44566928 and lower will receive a core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174325
1640	6TA-590	T0	1989097C4R	P.I.N. JJC0034705 and after, core engines with engine SN 44566928 and lower will receive a core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174298, 1989103C2
1660	6T-830	T0	AR174398	P.I.N. JJC0038346 and after, production engines with engine SN 44487830 and lower only had 6 piston cooling nozzles. This is a core deduct as these blocks cannot be updated to a 12 piston cooling nozzle block.	A174344, 1989015C4
1670	6TA-830	T0	AR174399	P.I.N. JJC0080540 and after, production engines with engine SN 44487830 and lower only had 6 piston cooling nozzles. This is a core deduct as these blocks cannot be updated to a 12 piston cooling nozzle block.	A174327, 1989016C2, 1989023C3
1680	6TA-830	T0	AR174399	P.I.N. JJC0045689 and after, production engines with engine SN 44487830 and lower only had 6 piston cooling nozzles. This is a core deduct as these blocks cannot be updated to a 12 piston cooling nozzle block.	A174327, 1989016C2, 1989023C3
1644	6TA-590	T0	1989097C4R		1989148C2
1666	6T-830	T0	AR174398		1989147C1
1688	6TA-830	T0	AR174399		1989174C2
2144	6TA-590	T0	1989097C4R	Before P.I.N. JJC0173150	1989148C2
2144	6TA-590	T1	243948A1R	P.I.N. JJC0173150 and after	124695A3
2166	6T-830	T0	AR174398	Before P.I.N. JJC0180000	1989147C1
2166	6T-830	T1	199949A1R	P.I.N. JJC0180000 and after	124708A2

CASE IH COMBINES (continued) - CDC BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
2188	6TA-830	T0	199949A1R	Before P.I.N. JJC0191483	1989174C2
2188	6TA-830	T1	198833A1R	P.I.N. JJC0191483 and after	124697A2
2344	6TA-590	T1	243948A1R		258459A1
2366	6TA-830	T1	199949A1R		329741A2, 329741A3
2388	6TAA-830	T1	198833A1R	Before serial number JJC0273000	124699A1, 124699A2, 124699A3

CASE IH COTTON PICKERS - CDC BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
1822	6TA-590	T0	1989097C4R	P.I.N. JJC0012691 and after, core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174299
1822	6TA-830	T0	AR174399	P.I.N. JJC0012691 and after, production engine A174188 had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to 12 piston cooling nozzle block.	A174188, 1989017C1
1844	6TA-590	T0	1989097C4R	P.I.N. JJC0002462 and after, core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174299
1844	6TA-830	T0	AR174399	P.I.N. JJC0002462 and after, production engine A174188 had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	A174188, 1989017C1
2022	6TA-590	T0	1989097C4R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174187, A174299, 1989104C1, 1989104C2, 1989104C3
2044	6TA-830	T0	AR174399	Production engines with engine SN 44487830 and prior, had only 6 piston cooling nozzles, this is a core deduct as block cannot be upgraded to a 12 piston cooling nozzle block.	1989017C4
2055	6TA-830	T0	199949A1R		1989144C2, 1989144C3
2155	6TA-830	T0	199949A1R	Before P.I.N. JJC0156230	1989144C3
2155	6TA-830	T1	198833A1R	P.I.N. JJC0156230 and after	140257A2
2555	6TA-830	T1	198833A1R		140257A3

CASE IH SELF PROPELLED WINDROWERS - CDC BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
8820	4-390	T0	1989091C3R		
8825	4-390	T1	302562A1R		307342A1
8825HP	4-390	T1	302562A1R		307342A1
8825	4T-390	T1	234277A2R		307455A1
8825HP	4T-390	T1	234277A2R		307455A1
8830	4-390	T0	1989091C3R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	1989100C1, 1989100C2
8840	4T-390	T0	1989092C3R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174156, 1989101C1, 1989101C2

REMAN ENGINES

CASE IH SELF PROPELLED WINDROWERS (continued) - CDC BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
8850HP SN CFH0099001 - CFH0099164	6T-590	T0	1989096C3R		1989195C1
8850HP SN CFH0099165 & later	6T-590		246148A2R		138067A1
8860	4T-390	T1	234277A2R		138066A2
8860HP	4T-390	T1	234277A2R		138066A2
8860	4-390	T1	377987A1R		357417A1
8860HP	4-390	T1	377987A1R		357417A1
8870	4T-390	T1	234277A2R		138066A2
8880	6T-590	T1	246148A2R		138067A2, 371045A1
8880HP	6T-590	T1	246148A2R		138067A2, 371045A1

CASE IH SKID STEER LOADERS - CDC BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
60XT	4-390	T1	339851A1R	With rotary injection pump part number J935677	326954A1
60XT	4-390	T1	377987A1R	Uses rotary injection pump J935671 or J935681	365692A1, 377162A1
60XT	4T-390	T1	234277A2R	Uses in-line injection pump part number J991960	383714A1
70XT	4-390	T1	339851A1R	With rotary injection pump part number J935677	326954A1
70XT	4-390	T1	377987A1R	Uses rotary injection pump J935671 or J935681	365692A1, 377162A1
70XT	4T-390	T1	234277A2R	Uses in-line injection pump part number J991960	383714A1
75XT	4-390	T1	339851A1R	With in-line injection pump part number J931397 if engine to be replaced has a CPL number (found on engine data tag) of 2362 or 2458, order 4 of part number J937142, 1.5 mm injector seal. If CPL is 2293, order 4 of part number J923261 2.5 mm injector seal.	236304A1
75XT	4-390	T1	339851A1R	With rotary injection pump part number J935677 (emiss.)	326954A1
75XT	4-390	T1	377987A1R		379986A1, 395885A1
85XT	4-390	T0	1989091C3R	Prior to P.I.N. JAF0236483	186891A2
85XT	4-390	T1	302562A1R	After P.I.N. JAF0236484, with in-line injection pump part number J930145.	235611A1
85XT	4-390	T1	315916A1R	P.I.N. JAF0297515 and after and with rotary injection pump part number J935669 (emiss.).	326964A2
85XT	4-390	T1	377987A1R	With rotary injection pump J935671	326957A2
90XT	4T-390	T0	1989092C3R	Prior to P.I.N. JAF0245224 (non-emiss.) and prior to engine SN 45537258.	182213A1
90XT	4T-390	T1	234277A2R	P.I.N. JAF0245224 and after and with in-line injection pump part number J930148.	235612A1
95XT	4T-390	T0	1989092C3R	Prior to P.I.N. JAF0237963 and prior to engine SN 45537238	182213A1
95XT	4T-390	T1	234277A2R	With in-line injection pump, part number J930148, models without air conditioning.	235612A1, 235612A2
95XT	4T-390	T1	234277A2R	With in-line injection pump J991960, models with air conditioning.	309079A1, 309079A2
1840	4-390	T0	1989091C3R	Non emiss. cert. engine	1989077C2, 1989137C2

CASE IH SKID STEER LOADERS (continued) - CDC BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
1840	4-390	T1	302562A1R	With in-line injection pump part number J933090	258521A1, 258521A2
1840	4-390	T1	349469A1R	With rotary injection pump part number J935679	326952A1
1845C	4-390	T0	1989091C3R		1989074C2
1845C	4-390	T1	302562A1R	After P.I.N. JAF0250483 with in-line injection pump part number J931397.	258520A1
1845C	4-390	T1	349469A1R	With rotary injection pump part number J935677 (emiss.)	326953A1

CASE IH COTTON HARVESTERS - CDC BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
1800	6TA-590	T0	1989097C4R	Core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	1989104C1 1989104C2, 1989104C3

CASE IH IRRIGATION POWER UNITS - CDC BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS	REPAIR FOR PRODUCTION ENGINE PART NUMBER
4390	4-390	T0	1989091C3R	P.I.N. JJC0012691 and after, core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174315
4391	4-390	T1	339851A1R *		220006A1
4390T	4T-390	T0	1989092C3R	P.I.N. JJC0012691 and after, core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174316
4391T	4T-390	T1	234277A2R		220005A1
4391TA	4TA-390	T1	234277A2R		220004A1
6590	6-590	T0	1989095C3R	P.I.N. JJC0012691 and after, core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174317
6590T	6T-590	T0	1989096C3R	P.I.N. JJC0012691 and after, core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174318
6590TA	6TA-590	T0	1989097C4R	P.I.N. JJC0012691 and after, core engines with engine SN 44566928 and lower will receive core deduction due to 9 mm injector bore cylinder head which is no longer used.	A174319
6591T	6T-590	T1	246148A2R		220003A1
6591TA	6TA-590	T1	246148A2R		220002A2
6830T	6T-830	T0	AR174398		1989140C1
6830TA	6TA-830	T0	AR174399		1989139C1
6831T	6T-830	T1	199985A1R		220001A2
6831TA	6TA-830	T1	199985A1R		220000A2
PX190	6CTAA8.3	T2	450560A1R		86992122
PX215	6CTAA8.3	T2	450560A1R		87416091
PX240	6CTAA8.3	T2	450560A1R		403403A1

*Order 4 of J923261 injector tip seal

REMAN ENGINES

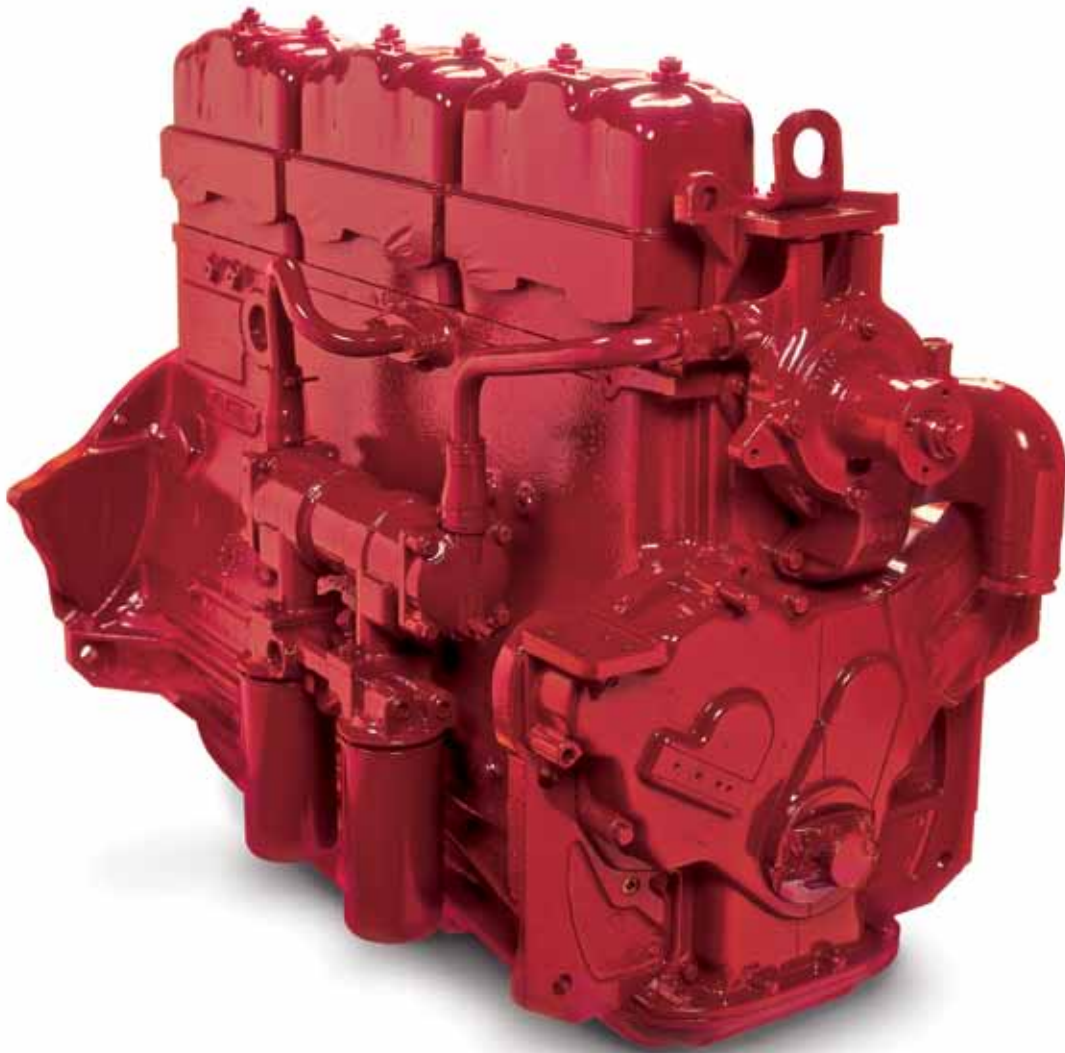
REMAN CASE 504 BASIC LEVEL ENGINES

CASE TRACTORS - 504 BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS
1370	504BDT	T0	AR77825	Engine SN 2556262 and after, Core engine should have a block casting number of A66527 and cylinder casting numbers of 958525, A58525 or may have part number A66709 stamped on top of cylinder head.
1570	504BDT	T0	AR77827	Core engine should have a block casting number of A66527 and cylinder casting numbers of A152437, A138337 or may have part number A138261 stamped on top of the cylinder head.
2090	504BD	T0	AR77832	Core engine should have a block casting number of A66526 and cylinder casting numbers of A152437, A138337, A67351 or may have part number A67352 stamped on top of the cylinder head.
2094	504BD	T0	AR77832	Core engine should have a block casting number of A66526 and cylinder casting numbers of A152437, A138337, A67351 or may have part number A67352 stamped on top of the cylinder head.
2290	504BDT	T0	AR77831	Core engine should have a block casting number of A66526 and cylinder casting numbers of A152437, A138337, A67351 or may have part number A67352 stamped on top of the cylinder head.
2290	504BDT	T0	AR77831	Core engine should have a block casting number of A66526 and cylinder casting numbers of A152437, A138337, A67351 or may have part number A67352 stamped on top of the cylinder head.
2294	504BDT	T0	AR77831	Core engine should have a block casting number of A66526 and cylinder casting numbers of A152437, A138337, A67351 or may have part number A67352 stamped on top of the cylinder head.
2390	504BDT	T0	AR77827	Core engine should have a block casting number of A66527 and cylinder casting numbers of A152437, A138337 or may have part number A138261 stamped on top of the cylinder head.
2394	504BDT	T0	AR77827	Core engine should have a block casting number of A66527 and cylinder casting numbers of A152437, A138337 or may have part number A138261 stamped on top of the cylinder head.
2590	504BDT	T0	AR77827	Core engine should have a block casting number of A66527 and cylinder casting numbers of A152437, A138337 or may have part number A138261 stamped on top of the cylinder head.
2594	504BDT	T0	AR77827	Core engine should have a block casting number of A66527 and cylinder casting numbers of A152437, A138337 or may have part number A138261 stamped on top of the cylinder head.
3294	504BDT	T0	AR77826	Core engine should have a block casting number of A166300 and cylinder casting numbers of A152437, A138337 or may have part number A138261 stamped on top of cylinder head.
3394	504BDT	T0	AR77833	Core engine should have a block casting number of A182054 and cylinder casting numbers of A152437 or A138337.
3594	504BDT	T0	AR77833	Core engine should have a block casting number of A182054 and cylinder casting numbers of A152437 or A138337.
2470	504BDT	T0	AR77825	Engine SN 2556262 and after, Core engine should have a block casting number of A66527 and cylinder casting numbers of 958525, A58525 or may have part number A66709 stamped on top of cylinder head.
2670	504BDTI	T0	AR77829	Core engine should have a block casting number of A166794 and cylinder casting numbers of A152437, A138337 or may have part number A138261 stamped on top of the cylinder head.

CASE TRACTORS (continued) - 504 BASIC LEVEL ENGINES

MACHINE MODEL	ENGINE MODEL	EMISSIONS TIER	REMAN BASIC ENGINE	COMMENTS
4490	504BDT	T0	AR77827	Core engine should have a block casting number of A66527 and cylinder casting numbers of A152437, A138337 or may have part number A138261 stamped on top of the cylinder head.
4494	504BDT	T0	AR77827	Core engine should have a block casting number of A66527 and cylinder casting numbers of A152437, A138337 or may have part number A138261 stamped on top of the cylinder head.
4690	504BDTI	T0	AR77829	Core engine should have a block casting number of A166794 and cylinder casting numbers of A152437, A138337 or may have part number A138261 stamped on top of the cylinder head.
4694	504BDTI	T0	AR77829	Core engine should have a block casting number of A166794 and cylinder casting numbers of A152437, A138337 or may have part number A138261 stamped on top of the cylinder head.





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