

# RELIANCE INSIGHTS

June 2016 Newsletter

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## We Keep Great Equipment Working Great!



## New Caterpillar C15 and C15 ACERT Cylinder Heads

NO CORE RETURNS & NO CORE CHARGE

You demanded, we listened – our new cylinder heads for Caterpillar C15 and C15 ACERT engines have been designed to be more durable than the original to last longer than the expected service life.

Improvements to the castings include:

- ✔ The latest high-nickel material that is less prone to cracking
- ✔ Enlarged water passages for improved cooling
- ✔ Extra internal reinforcement to increase rigidity and lifespan



The Caterpillar C15 and C15 ACERT cylinder heads (**Reliance part #'s H2454324V, H2454324AV**) replace those with casting numbers of 175-5329, 176-9917, 222-1982 and 277-8240. Our high quality cylinder heads are priced competitively and because they are all new parts, there is no core charge and no need to do a core return. They are in-stock and ready for immediate shipment, so don't delay and order what you need today!

We also have new and remanufactured cylinder heads available for these popular engines:



Detroit 60 Series

MANUFACTURER	ENGINE MODELS
Caterpillar	C10, C12, C15, C15 ACERT, 3126, 3176, 3406E
Cummins	ISC, ISL, ISX, L10, M11, N14, 855
Detroit	60 Series (Pre-EGR and EGR)
Mack	E6, E7
Navistar	DT466, DT466 PLN, DT466E, I530E

**OTHER MODELS AVAILABLE - CALL YOUR SALES REP FOR DETAILS**

INDIANA  
(800) 342-2545

IOWA  
(800) 377-1297

NEBRASKA  
(800) 467-5545

NEVADA  
(800) 776-3113

CALL CENTER HOURS: 8:00 am - 8:00 pm EST



## Air Conditioning Components – Compressors and More

EVERYTHING YOU NEED TO GET THE JOB DONE

Being able to work through even the hottest days during growing season is important and we have all the parts in order to do just that. We carry compressors for most makes and models:

RELIANCE PART #	DESCRIPTION	OEM AND TYPE	OEM PART NUMBERS
HTX10125	Compressor	Case/IH, Sanden SD7H15, 6" 2-groove pulley, R134a refrigerant	1990760C1, 1999755C3, 47050714, 86993462
HTE8NN19D629AA	Compressor	Ford New Holland, Sanden SD5H14, 5-1/4" 2-groove pulley	E8NN19D629AA
NAR92109	Compressor	John Deere, new direct GM A6 replacement	TY6665, 70256782, 79005837, 530748M91, 533713M91
NTY6764	Compressor	John Deere, Denso 10PA17C, 145mm 8-groove pulley	AH169875, RE46609, RE69716, TY6764, TY24304
HTX10203	Compressor	John Deere, Denso 6E171, 146mm 1-groove pulley	RE57936, RE12513, AR99850, TY6766, TY6626
HTX10140	Compressor	John Deere, Denso 10PA15C, 125mm 8-groove pulley	AL176858, AL176857, AL174137, AL155836, AL78779
HTX10169	Compressor Conversion Kit	Allis Chalmers Delco A6 & R4 to Sanden style	
HTX10165	Compressor Conversion Kit	IH 766-4386, York to Sanden style	
HTX10164	Compressor Conversion Kit	John Deere 30 & 40 Series A6 to Seltec	



In addition to compressors, we also have everything you need to complete the job: receiver driers, expansion valves, condensers, evaporators, switches, fuses and more. Give us a call!

## Important Core Return Info

GET THE MOST FROM YOUR RETURN

To ensure prompt and accurate core credit, please refer to the following guidelines:

- ✓ Returned goods will not be accepted without an RMA number
- ✓ Include a copy of the original invoice
- ✓ An RMA number is included on the original invoice for the part
- ✓ Please write the RMA number on the outside of the shipping box used for the core(s) being returned



*When returning a Torque Amplifier core, don't forget to send the lower drive gear. This gear is needed to receive full core credit.*



## Tech Focus: Know Your Powertech Engine

### POWERTECH ENGINES VS. LITRE ENGINES

Confusion exists between identifying previous "Litre" designated 4.5 and 6.8 John Deere engines and newer "Powertech" engines. Although the engine model numbers indicate displacement as before, the engines are totally different with very little parts interchangeability.

The best way to quickly identify "Powertech" engines is as follows:



- ✓ Below the serial number on the serial number plate, the model number for that engine is identified. The model number will conclude with the number "150," "151," "180," "220," "250," "275" or higher.
- ✓ The front engine mounts will have an "L" shape bolt pattern for three mounting capscrews and will be facing outward on both sides of the engine, as well as the front, as on previous 300 Series engines.
- ✓ The water pump is mounted as a part of the front cover, right side (looking from the flywheel end) and in a lower position.
- ✓ The lift pump (fuel transfer pump) is located toward the rear of the engine instead of toward the front as in the "Litre" and "Inch" designated models.
- ✓ The fasteners are in the middle of the valve cover for all 350 Series Powertech engines. 300 Series Litre displacement engines have fasteners around the perimeter of the valve cover to secure it to the cylinder head.



Please take care when ordering parts for 4045 and 6068 engines to properly identify the engine and avoid confusion that may be created by the "Powertech" engines.



## New Oil Coolers

ENSURE FULL ENGINE LIFE

OEM	ENGINE	NOTES	RELIANCE PART #
Caterpillar	3400, C15		H7C3039
Cummins	3.9L	5 plate	K3957543
Cummins	5.9L	7 plate	K3957544
Cummins	8.3L	12 plate	K3974815
John Deere	300 Series	6 Plate Doughnut	NRE61767
John Deere	300 Series	10 Plate Doughnut	NRE31929
John Deere	400 Series	8 Plate	NAR55394
John Deere	400 Series	12 Plate	NAT25038
Navistar	DT466, I530, T444E		31815904
Navistar	DT466	Kit with gaskets	71810171K*

The lubrication system plays a vital role in maintaining peak performance in engines. To assure full engine life on newly rebuilt engines, cleanliness is key. Our new oil coolers offer significant savings and are in stock and ready to ship. You can be certain of fit and quality, because we control the manufacturing.

*\* Note: This oil cooler fits engine years 1975-1993 only, specifically with Engine Serial Numbers above 517,251. It will not fit 1994 or newer engines. This kit will not work for engines that use water separators on the fuel system; a different filter header is required.*



The Reliance Insights newsletter is your source for product announcements, events, technical information, and much more. Take a look inside and see what's new!



We make every effort to ship from our closest location to reduce shipping time and charges.

Warehouses located in: Minden - NV, Lincoln - NE, Harlan - IA, Lynn - IN, Jacksonville - FL, and Winnipeg - MB (Canada)

## Keep Cool and Work On

IT'S TIME TO STOCK UP FOR SUMMER



Summer is here and we know the importance of keeping your customers' machines working. This month we feature new cylinder heads (with no core return or charge), air conditioning components and all new oil coolers. Take a look inside to find out more!

[www.reliancepowerparts.com](http://www.reliancepowerparts.com)

NEBRASKA  
(800) 467-5545

INDIANA  
(800) 342-2545

PO Box 408, Lynn, Indiana 47355-0408

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