



Limited Time Offer  
**Free APR Piston  
Installation Tool  
with IPD Engine  
Kits**

## IPD Products for Cummins® ISX15 ENGINES

In-Frame & Out-of-Frame Engine Overhaul Kits  
Piston Kits  
Cylinder Liner Kits  
Valvetrain  
Engine Bearings  
Gasket Sets & Components

**The Standard for Quality, Innovation, Service and Support Since 1955**

# IPD Parts for Cummins® ISX15

- In-Frame and Out-of-Frame Engine Kits
- IPDSteel® Piston and Cylinder Liner Kits
- Valvetrain Components
- Engine Bearings
- Gaskets Sets



IPD engine kits for ISX15 engines feature updated/high-tech specification **IPDSteel®** 1-piece pistons (closed skirt/bushingless design) for use with APR (anti-polishing ring) cylinder liners. IPD's design features an exclusive and innovative 1-piece oil dam plate that is superior to all 2-piece competitive designs. All **IPDSteel** pistons are manufactured by IPD in Torrance, California (USA).

IPD's updated APR cylinder liner is induction heat treated, includes a precision honed ID for proper break-in, and has an OE style carbon scraper ring. This liner comes pre-installed with a premium design/specification 36-tab brass shim for ease of installation. Also, for a limited time, IPD includes a special APR piston installation tool for free with each engine kit order.

IPD engine kits include main bearings, connecting rod bearings (not provided in equivalent OE kits), and a comprehensive gasket set. IPD main bearings are packaged to ensure they arrive ready to use without risk of shipping and handling damage (unlike bulk packing). IPD connecting rod bearings are available for both sawcut and fractured type rods. IPD's gasket set component parts are made with heavy-duty OE style components, and each set includes an updated style oil bypass valve (see image, significantly different than the previous ISX style valve).

Other cylinder head components available include a wide range of valvetrain parts (valves, seat/inserts, guides, springs, and locks).

IPD parts for on-highway engine applications are protected by IPD's limited (industry-leading) **2-YEAR / UNLIMITED MILES** warranty (contact IPD to details).

**For a limited time, IPD's special APR piston installation ring tool for APR liners provided FREE with each engine kit (a \$149 OE value)**



## IPD PARTS QUICK REFERENCE FOR ISX15 (15L) ENGINE APPLICATIONS

Description	Part Number	Qty.	Notes
<b>IN-FRAME KITS</b>			
Pistons Kits, Liner Kits, Rod & Main Bearings, Bypass Plunger Valve, Head Gasket Set, Pan Gasket & P/U Tube O-Ring			
In-Frame Kit <b>IPDSteel™</b> Piston	IF1758/04CR	1	CPL#: 3348, 3349, 3376, 3490, 3491, 3687, 3688 <b>Must be used with sawcut connecting rods</b>
In-Frame Kit <b>IPDSteel™</b> Piston	IF1758/04FR	1	CPL#: 3348, 3349, 3376, 3490, 3491, 3687, 3688 <b>Must be used with fractured connecting rods</b>
In-Frame Kit <b>IPDSteel™</b> Piston	IF2023/04CR	1	CPL#: 3350, 3356, 3606, 3765, 3766, 3794, 3797, 3938, 3939, 4584, 4585, 4587, 4588 <b>Must be used with sawcut connecting rods</b>
In-Frame Kit <b>IPDSteel™</b> Piston	IF2023/04FR	1	CPL#: 3350, 3356, 3606, 3765, 3766, 3794, 3797, 3938, 3939, 4584, 4585, 4587, 4588 <b>Must be used with fractured connecting rods</b>
In-Frame Kit <b>IPDSteel™</b> Piston	IF2080/04CR	1	CPL#: 3657, 3719, 3724, 3937, 4583, 4586 <b>Must be used with sawcut connecting rods</b>
In-Frame Kit <b>IPDSteel™</b> Piston	IF2080/04FR	1	CPL#: 3657, 3719, 3724, 3937, 4583, 4586 <b>Must be used with fractured connecting rods</b>
<b>OUT-OF-FRAME KITS</b>			
In-Frame Kit & Lower Gasket Set			
Out-of-Frame Overhaul Kit <b>IPDSteel™</b> Piston	OF1758/66CR	1	CPL#: 3348, 3349, 3376, 3490, 3491, 3687, 3688 <b>Must be used with sawcut connecting rods</b>
Out-of-Frame Overhaul Kit <b>IPDSteel™</b> Piston	OF1758/66FR	1	CPL#: 3348, 3349, 3376, 3490, 3491, 3687, 3688 <b>Must be used with fractured connecting rods</b>
Out-of-Frame Overhaul Kit <b>IPDSteel™</b> Piston	OF2023/66CR	1	CPL#: 3350, 3356, 3606, 3765, 3766, 3794, 3797, 3938, 3939, 4584, 4585, 4587, 4588 <b>Must be used with sawcut connecting rods</b>
Out-of-Frame Overhaul Kit <b>IPDSteel™</b> Piston	OF2023/66FR	1	CPL#: 3350, 3356, 3606, 3765, 3766, 3794, 3797, 3938, 3939, 4584, 4585, 4587, 4588 <b>Must be used with fractured connecting rods</b>
Out-of-Frame Overhaul Kit <b>IPDSteel™</b> Piston	OF2080/66CR	1	CPL#: 3657, 3719, 3724, 3937, 4583, 4586 <b>Must be used with sawcut connecting rods</b>
Out-of-Frame Overhaul Kit <b>IPDSteel™</b> Piston	OF2080/66FR	1	CPL#: 3657, 3719, 3724, 3937, 4583, 4586 <b>Must be used with fractured connecting rods</b>
<b>PISTON KITS</b>			
Includes APR Piston, Pin, Retainers & Ring Set. Use in full sets only.			
Piston Kit	2881758	6	APR piston and APR liner must be used together
Piston Kit	2882023	6	APR piston and APR liner must be used together
Piston Kit	2882080	6	APR piston and APR liner must be used together
<b>CYLINDER LINER KIT</b>			
Includes APR Cylinder Liner, APR Ring, and Seals. Use in full sets only.			
Liner Kit	4376168	6	APR piston and APR liner must be used together
<b>VALVETRAIN</b>			
Valve, Exhaust	4101454	12	20 degree
Valve, Intake	4965868	12	20 degree
Valve Guide	4026657	24	
Valve Lock	3680883	48	
Valve Seat Insert - Intake	3679537	12	
Valve Seat Insert - Intake	3679659	12	Cobalt based with Stellite
Valve Seat Insert - Exhaust	3104445	12	
Valve Spring	3679551	24	
Valve Stem Seal	4356366		
<b>ENGINE BEARINGS AND BUSHINGS</b>			
Main Bearing Set, Std	3800298	1	Standard
Main Bearing Set, 0.25mm	4089845	1	0.25mm
Rod Bearing, Std	2882087	6	For fractured connecting rods
Rod Bearing, Std	4089405	6	Standard for drilled, non-drilled rods & sawcut rods
Rod Bearing, 0.25mm	4090016	1	0.25mm, for drilled, non-drilled, & sawcut rods (1 kit per engine)
Cam Bushing	3685690	7	

## IPD PARTS QUICK REFERENCE FOR ISX15 (15L) ENGINE APPLICATIONS

Description	Part Number	Qty.	Notes
<b>GASKET SETS</b>			
Gasket Set, Lower	2881766	1	
Gasket Set, Upper	4376104	1	
<b>GASKETS/SEALS</b>			
Gasket, Oil Pan	4026684	1	
Gasket Connection	3684338	1	
Seal, O-Ring	3678756	1	Oil Pick Up Tube O-Ring
<b>MISCELLANEOUS ITEMS</b>			
APR Piston Installation Ring	5299339	1	For use with APR cylinder liner

### IPD PARTS ENGINE APPLICATIONS

#### CATERPILLAR®

C7/C9/C10/C12/C13/C15/C18/C27/C32

3606/3608/3812/3616/3618

3508/3512/3516/3520/3524 (Diesel & Gas)

3406E/3408E/3412E

3406/3408/3412 (Diesel & Gas)

3304/3306 (Diesel & Gas)

3204/3208

3114/3116/3126/3176C/3196

3064/3066

333/342/339/342/343/346/348/353/379/398/399 (Diesel & Gas)

#### CUMMINS®

ISX/QSX (14.9L), K19 Series

#### DETROIT DIESEL®

60 Series

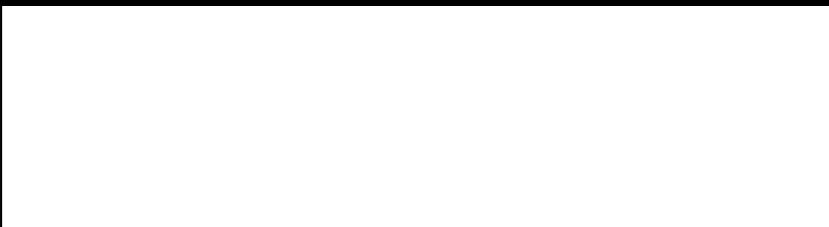
#### VOLVO®

D12 Series

#### WAUKESHA®

VHP Series (7042/7044)

IPD brand quality products distributed by:



**Industrial Parts Depot**  
**23231 Normandie Ave.**  
**Torrance, California 90501 USA**  
**(310)530-1900**  
**www.ipdparts.com**  
**sales@ipdparts.com**

All manufacturers' names, numbers, symbols & descriptions are for reference only. It is not implied that any part is the product of the manufacturer. Caterpillar®, Detroit Diesel®, Cummins®, Volvo® & Waukesha® are trademarks of their respective owners.