

# *Technical* Bulletin



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Subject: **BENDIX® BA-921® AND BA-922® COMPRESSOR MAINTENANCE KITS - UPDATED MATRIX**

This bulletin identifies the Bendix® BA-921® and BA-922® compressor maintenance kits available from Bendix. The attached matrix includes the Bendix® OE, service, and remanufactured assembly piece numbers and customer piece numbers, where applicable. Reference items noted are not available as service parts from Bendix Commercial Vehicle Systems.

For additional information please visit [www.bendix.com](http://www.bendix.com) or contact the Bendix TechTeam by calling 1-800-AIR-BRAKE (1-800-247-2725). Representatives are available to assist you Monday - Friday, 8:00a.m. - 6:00p.m. EST.

## Caterpillar Engines

Engine Platform:	ACERT Engines (Pre-2007)										
	3126, C7 & C9						C11 & C13				
<b>Bendix® BA-921® Compressors</b>											
Compressor Piece Numbers											
Bendix OE for Caterpillar ( <i>Reference</i> )	<i>5010803</i>	<i>K048932</i>	<i>K066809</i>	<i>5015207</i>	<i>K048935</i>	<i>K066810</i>	<i>5011441</i>	<i>5014177</i>	<i>5014401</i>	<i>K048938</i>	<i>K066811</i>
Caterpillar OE (Reference)	<i>191-6521</i>	<i>353-7135</i>	<i>385-0935</i>	<i>246-7095</i>	<i>353-7134</i>	<i>385-0933</i>	<i>223-3636</i>	<i>253-1736</i>	<i>255-4160</i>	<i>353-7136</i>	<i>385-0936</i>
Bendix Service for Caterpillar ( <i>Reference</i> )	<i>5010804</i>	<i>K048933</i>	<i>K066829</i>	<i>5015208</i>	<i>K048936</i>	<i>K066830</i>	<i>5012510</i>	<i>5014180</i>	<i>5014402</i>	<i>K048939</i>	<i>K066831</i>
Bendix Reman for Caterpillar ( <i>Reference</i> )	<i>5010805</i>	<i>K048934</i>	<i>K066836</i>	<i>5016858</i>	<i>K048937</i>	<i>K068004</i>	<i>5012459</i>	<i>5014235</i>	<i>5014427</i>	<i>K048940</i>	<i>K066837</i>
Bendix Service	801285	801285	801285	801955	801955	801955	801465	801798	801826	K056649	K056649
Bendix Reman	5010806	5010806	5010806	5016859	5016859	5016859	5012464	5014236	5014428	K056647	K056647
Service Kit Piece Numbers											
Cylinder Head Gasket Kit	<b>5008558</b>	<b>5008558</b>	<b>5008558</b>	<b>5008558</b>	<b>5008558</b>	<b>5008558</b>	<b>5008558</b>	<b>5008558</b>	<b>5008558</b>	<b>5008558</b>	<b>5008558</b>
Cylinder Assembly Replacement Kit	<b>K023601</b>	<b>K023601</b>	<b>K023601</b>	<b>K023601</b>	<b>K023601</b>	<b>K023601</b>	<b>K023600</b>	<b>K023600</b>	<b>K023600</b>	<b>K023600</b>	<b>K023600</b>
Unloader Kit - Reference ( <i>See note 1</i> )	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>
Compressor Seal Kit (w/ engine seal)	<b>5012367</b>	<b>5012367</b>	<b>5012367</b>	<b>5012367</b>	<b>5012367</b>	<b>5012367</b>	<b>5012369</b>	<b>5012369</b>	<b>5012369</b>	<b>5012369</b>	<b>5012369</b>
Compressor Seal Kit (w/out engine seal)	<b>5008559</b>	<b>5008559</b>	<b>5008559</b>	<b>5008559</b>	<b>5008559</b>	<b>5008559</b>	<b>5008559</b>	<b>5008559</b>	<b>5008559</b>	<b>5008559</b>	<b>5008559</b>
Governor Adapter Kit	<b>5014183</b>	<b>5014183</b>	<b>5014183</b>	<b>5014183</b>	<b>5014183</b>	<b>5014183</b>	<b>5014183</b>	<b>5014183</b>	<b>5014183</b>	<b>5014183</b>	<b>5014183</b>
Governor Hardware Kit	<b>K032046</b>	<b>K032046</b>	<b>K032046</b>	<b>K032046</b>	<b>K032046</b>	<b>K032046</b>	<b>K032046</b>	<b>K032046</b>	<b>K032046</b>	<b>K032046</b>	<b>K032046</b>
Inlet Check Valve	<b>801580</b>	<b>801580</b>	<b>801580</b>	<b>801580</b>	<b>801580</b>	<b>801580</b>	<b>801592</b>	<b>801592</b>	<b>801592</b>	<b>801592</b>	<b>801592</b>
Bendix® Safety Valve Kit	<b>801116</b>	<b>K105720</b>	<b>K105720</b>	<b>801116</b>	<b>K105720</b>	<b>K105720</b>	<b>801116</b>	<b>801116</b>	<b>801116</b>	<b>K105720</b>	<b>K105720</b>

Numbers shown in **blue and italics** are for reference only and are not available from Bendix as an aftermarket part.

1. Unloader kit must be purchased through Caterpillar.

## Caterpillar Engines

Engine Platform:	ACERT Engines (Pre-2007)				Tier 4 Industrial Apps							
	C15 & C18				C7 & C9 (BM Gear)		C13		C15 & C18		C18 (2.8 BM Gear)	
<b>Bendix® BA-921® Compressors</b>					<b>Bendix® BA-921® Closed Room Compressors</b>							
Compressor Piece Numbers												
Bendix OE for Caterpillar ( <i>Reference</i> )	<i>5011427</i>	<i>K020283</i>	<i>K048941</i>	<i>K066812</i>	<i>K046449</i>	<i>K066808</i>	<i>K045107</i>	<i>K066806</i>	<i>K045108</i>	<i>K066807</i>	<i>K055770</i>	<i>K066813</i>
Caterpillar OE ( <i>Reference</i> )	<i>223-3637</i>	<i>304-9991</i>	<i>353-7137</i>	<i>385-0937</i>	<i>351-7083</i>	<i>385-0938</i>	<i>351-7089</i>	<i>385-0939</i>	<i>351-7086</i>	<i>385-0940</i>	<i>360-4138</i>	<i>385-0944</i>
Bendix Service for Caterpillar ( <i>Reference</i> )	<i>5012531</i>	<i>K020285</i>	<i>K048942</i>	<i>K066832</i>	<i>K058843</i>	<i>K066828</i>	<i>K058841</i>	<i>K066826</i>	<i>K058842</i>	<i>K066827</i>	<i>K058844</i>	<i>K066833</i>
Bendix Reman for Caterpillar ( <i>Reference</i> )	<i>5012532</i>	<i>K020284</i>	<i>K048943</i>	<i>K066838</i>	—	—	—	—	—	—	—	—
Bendix Service	801463	801463	801463	801463	—	—	—	—	—	—	—	—
Bendix Reman	5012533	5012533	5012533	5012533	—	—	—	—	—	—	—	—
Service Kit Piece Numbers												
Cylinder Head Gasket Kit	5008558	5008558	5008558	5008558	K023764	K023764	K023764	K023764	K023764	K023764	K023764	K023764
Cylinder Assembly Replacement Kit	K023600	K023600	K023600	K023600	K045143	K045143	K045143	K045143	K045143	K045143	K045143	K045143
Unloader Kit - ( <i>Reference</i> ) ( <i>See note 1</i> )	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>	<i>335-6328</i>
Compressor Seal Kit (w/ engine seal)	5012369	5012369	5012369	5012369	5012367	5012367	5012369	5012369	5012369	5012369	5012369	5012369
Compressor Seal Kit (w/out engine seal)	5008559	5008559	5008559	5008559	5008559	5008559	5008559	5008559	5008559	5008559	5008559	5008559
Governor Adapter Kit	5014183	5014183	5014183	5014183	5014183	5014183	5014183	5014183	5014183	5014183	5014183	5014183
Governor Hardware Kit	K032046	K032046	K032046	K032046	K032046	K032046	K032046	K032046	K032046	K032046	K032046	K032046
Inlet Check Valve	801592	801592	801592	801592	—	—	—	—	—	—	—	—
Bendix® Safety Valve Kit	801116	801116	K105720	K105720	K105705	K105705	K105705	K105705	K105705	K105705	K105705	K105705

Numbers shown in **blue and italics** are for reference only and are not available from Bendix as an aftermarket part.

1. Unloader kit must be purchased through Caterpillar.

<b>Caterpillar® Engines</b>		
<b>Engine Platform:</b>	<b>ACERT Engines</b>	
	<b>CAT C11 &amp; C13</b>	<b>CAT C15 &amp; C18</b>
<b>Bendix® BA-922® Compressor</b>		
Compressor Piece Numbers		
Bendix OE for Caterpillar ( <i>Reference</i> )	<i>5011624</i>	<i>5011625</i>
Caterpillar OE (Reference)	<i>257-9346</i>	<i>226-9580</i>
Bendix Service for Caterpillar ( <i>Reference</i> )	<i>5013063</i>	<i>5013070</i>
Bendix Reman for Caterpillar ( <i>Reference</i> )	<i>5013064</i>	<i>5013071</i>
Bendix Service	<b>801594</b>	<b>801595</b>
Bendix Reman	<b>5013058</b>	<b>5013059</b>
Service Kit Piece Numbers		
Cylinder Head Assembly Kit	<b>K033300</b>	<b>K033300</b>
Cylinder Head Gasket Kit	<b>5014472</b>	<b>5014472</b>
Unloader Kit ( <i>See note 1</i> )	<i>335-6328</i>	<i>335-6328</i>
Compressor Seal Kit (w/ engine seal)	<b>5012369</b>	<b>5012369</b>
Compressor Seal Kit (w/out engine seal)	<b>5008559</b>	<b>5008559</b>
Governor Adapter Kit	<b>5014183</b>	<b>5014183</b>
Governor Mounting Hardware Kit	<b>K032046</b>	<b>K032046</b>
Bendix® ST-4™ Safety Valve	<b>801116</b>	<b>801116</b>

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1. Unloader kit must be purchased through Caterpillar.

## John Deere Engines

Engine Platform:	JD 6.8	JD 9.0	JD 13.5
<b>Bendix® BA-922® Compressors</b>			
Compressor Piece Number			
Bendix OE for John Deere ( <i>Reference</i> )	<i>5016044</i>	<i>5016380</i>	<i>5016381</i>
Bendix Service for John Deere ( <i>Reference</i> )	<i>5019611</i>	<i>5019611</i>	<i>5019611</i>
Bendix Identified Service Assembly	802158	802158	802158
Bendix Identified Reman Assembly	5016389	5016389	5016389
Service Kits			
Cylinder Head Gasket Kit	5014472	5014472	5014472
Unloader Kit	5014473	5014473	5014473
Governor Adapter Kit	5014183	5014183	5014183
Governor Hardware Kit	K032046	K032046	K032046
Compressor & Engine Interface Seal Kit	5018827	5018827	5018827
Compressor Seal Kit	5008559	5008559	5008559
Bendix® ST-4™ Safety Valve	800534	800534	800534

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## Detroit™ Diesel Engines

Engine Platform:	DDC Low Emissions S60 (Pre-2007)			DDC 2007 S60	DDC 2007 HDEP	DDC 2010 HDEP
Bendix® BA-921® Compressors						
Comments	Cast Iron Cylinder Head	Rear Oil Drain Back	Aluminum Cylinder Head	Closed Room Head	Closed Room Head	Closed Room Head
Compressor Piece Number						
Bendix OE for DDC ( <i>Reference</i> )	<i>5012794</i>	<i>5016612</i>	<i>5018514</i>	<i>5018652</i>	<i>K020801</i>	<i>K034111</i>
Bendix Service for DDC ( <i>Reference</i> )	<i>5010822</i>	<i>5016613</i>	<i>5018522</i>	<i>5018654</i>	<i>K031986</i>	<i>K035911</i>
Bendix Reman for DDC ( <i>Reference</i> )	<i>5010823</i>	<i>5016614</i>	<i>5018523</i>	<i>5018655</i>	<i>K031987</i>	<i>K035912</i>
DDC Identified Reman Kit ( <i>Reference</i> )	<i>5014382</i>	<i>5016799</i>	<i>5018516</i>	<i>5018653</i>	—	—
Bendix Identified Service	801287	802767	802767	802789	K095740	—
Bendix Identified Reman	5010824	5018485	5018485	5018653	K095124	—
Service Kit Piece Numbers						
Cylinder Head Gasket Kit	5008558	5008558	5008558	K023764	K023764	K023764
Unloader Kit	K109119	K109119	K109119	K109119	K109119	K109119
Governor Adapter Kit	5014183	5014183	5014183	5014183	5014183	—
Governor Mounting Hardware Kit	K032046	K032046	K032046	K032046	K032046	—
Compressor Seal Kit (w/ engine seal)	5012371	5012371	5012371	5012371	—	—
Compressor Seal Kit (w/out engine seal)	5008559	5008559	5008559	5008559	—	—
Service Inlet Check Valve	802192	802192	802192	—	—	—
Bendix® ST-4™ Safety Valve	800534	800534	800534	K105705	K105705	K105705

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## Detroit™ Diesel Engines

Engine Platform:	DDC S50 (Pre-EGR)	DDC S60 (EGR)
<b>Bendix® BA-922® Compressors</b>		
Compressor Piece Number		
Bendix OE for DDC ( <i>Reference</i> )	<i>5011616</i>	<i>5013262</i>
DDC OE Number ( <i>Reference</i> )	—	<i>23533382</i>
Bendix Service for DDC ( <i>Reference</i> )	<i>5013693</i>	<i>5012893</i>
DDC Service Number Kit ( <i>Reference</i> )	—	<i>23533382</i>
Bendix Reman for DDC ( <i>Reference</i> )	<i>5013694</i>	<i>5012894</i>
DDC Reman Number Kit ( <i>Reference</i> )	—	<i>R23533382</i>
Bendix Identified Service	<b>801732</b>	<b>801535</b>
Bendix Identified Reman	<b>5013695</b>	<b>5012895</b>
Service Kit Piece Numbers		
Cylinder Head Gasket Kit	<b>5014472</b>	<b>5014472</b>
Unloader Kit	<b>5014473</b>	<b>5014473</b>
Governor Adapter Kit	<b>5014183</b>	<b>5014183</b>
Governor Hardware Kit	<b>K032046</b>	<b>K032046</b>
Compressor Seal Kit	<b>5008559</b>	<b>5008559</b>
Engine Interface Seal Kit	<b>5012370</b>	<b>5012371</b>
Bendix® ST-4™ Safety Valve	<b>800534</b>	<b>800534</b>

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## Navistar® Engines

Engine Platform	Pre-2010 MaxxForce™ Engines (G11/G13)			2010 MaxxForce™ 11/13L		International® 15L Engine	
Compressor Model	Bendix® 360cc DLU Water Cooled Crankcase	Bendix® 720cc DLU Water Cooled Crankcase	Bendix® 360cc DLU Water Cooled Crankcase	Bendix® BA-921® SMC (Head Unld)	Bendix® 720cc DLU Water Cooled Crankcase	Bendix® BA-921® CR Thru-drive	Bendix® BA-922® Thru-drive
Compressor Piece Numbers							
Bendix OE for International® (Reference)	<i>K015948</i>	<i>K015965</i>	<i>K028383</i>	<i>K042162</i>	<i>K048297</i>	<i>K041109</i>	<i>K041741</i>
International (Reference)	<i>51.54100-7121</i>	<i>51.54100-7114</i>	<i>3624499C91</i>	<i>3709920C92</i>	<i>3624500C92</i>	<i>3861777C91</i>	<i>3861778C91</i>
Bendix Service	<b>K025822N00</b>	—	<b>K025822N00</b>	<b>K044642</b>	<b>K048595</b>	<b>K055513</b>	<b>K055603</b>
Bendix Reman	—	—	—	<b>K075155</b>	—	<b>K055514</b>	<b>K055604</b>
Service Kit Piece Numbers							
Complete Gasket Kit	<b>K026807</b>	<b>K026808</b>	<b>K026807</b>	—	<b>K026808</b>	—	—
Safety Valve Kit	—	<b>K026809</b>	<b>K026809</b>	<b>K105705</b>	<b>K026809</b>	<b>800534</b>	<b>800534</b>
Cylinder Head Gasket Kit	—	—	—	<b>K023764</b>	—	<b>K023764</b>	<b>5014472</b>
Unloader Kit	—	—	—	<b>K109119</b>	—	<b>K109119</b>	<b>5014473</b>
Governor Adapter Kit	—	—	—	—	—	<b>5014183</b>	<b>5014183</b>
Governor Mounting Hardware Kit	—	—	—	<b>K032046</b>	—	<b>K032046</b>	<b>K032046</b>
Compressor Seal Kit (w/ engine seal)	—	—	—	—	—	<b>5012369</b>	<b>5012369</b>
Compressor Seal Kit (w/o engine seal)	<b>K051352</b>	<b>K051352</b>	<b>K051352</b>	<b>K051352</b>	<b>K051352</b>	<b>5008559</b>	<b>5008559</b>

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