



Harsco Track Technologies

Harsco

www.harscotrack.com

SERVICE BULLETIN MAINTENANCE OF WAY EQUIPMENT

DATE: 2-5-2002 **BULLETIN NO:** 02-004

TITLE: WABCO AIR COMPRESSOR SERVICE GROUP - CUMMINS 6BTA5.9 ENGINE

RATING:

<input type="checkbox"/>	DIRECTIVE (Action Is Required)	<input type="checkbox"/>	ALERT (Potential Problem)
<input type="checkbox"/>	INFORMATION (Action Is Optional)	<input checked="" type="checkbox"/>	PRODUCT IMPROVEMENT (Enhance Product)

PRODUCT SERIES / MODEL: RMC305 Series B / C TKO[®] Tie Remover / Inserter

SERIAL NO: All Models Equipped With Cummins 6BTA5.9 Engine

SUMMARY: New Cummins 6BTA5.9 engines are now factory equipped with WABCO air compressors. The existing HOLSET air compressor can be replaced by a WABCO Air Compressor Service Group part #196996.

OPERATIONAL IMPACT: The WABCO air compressor will improve machine reliability.

ACTION: The installation of this Service Group requires:

- Disconnecting the air, cooling and lubrication lines from the existing air compressor.
- Removing the existing air compressor from the engine.
- Installing the new air compressor on the engine.
- Reconnecting the air, cooling and lubrication lines to the new air compressor.

CONTACT: If you have any questions or if we can be of any service, please contact the Service Department at the Fairmont, MN. facility, (507) 235-3361.

SAFETY INFORMATION

- **FOLLOW APPLICABLE RAILROAD LOCKOUT - TAGOUT PROCEDURE TO REMOVE ALL ENERGY SOURCES FROM MACHINE. FAILURE TO COMPLY COULD RESULT IN SEVERE BODILY INJURY.**

SERVICE GROUP INSTALLATION - See Figure 1, Figure 2, Figure 3 and Figure 4

1. See Figure 1. Locate the existing HOLSET air compressor mounted on the engine.
2. Disconnect the air, cooling and lubrication lines from the existing HOLSET air compressor.

Note: Be sure to note where the air, cooling and lubrication lines are connected to for proper re-assembly.

3. Remove the existing HOLSET air compressor from the engine.

Note: Do not discard any components as some components will be re-used.

4. Install the new WABCO Air Compressor Service Group to the engine as shown in Figure 2, Figure 3 and Figure 4.

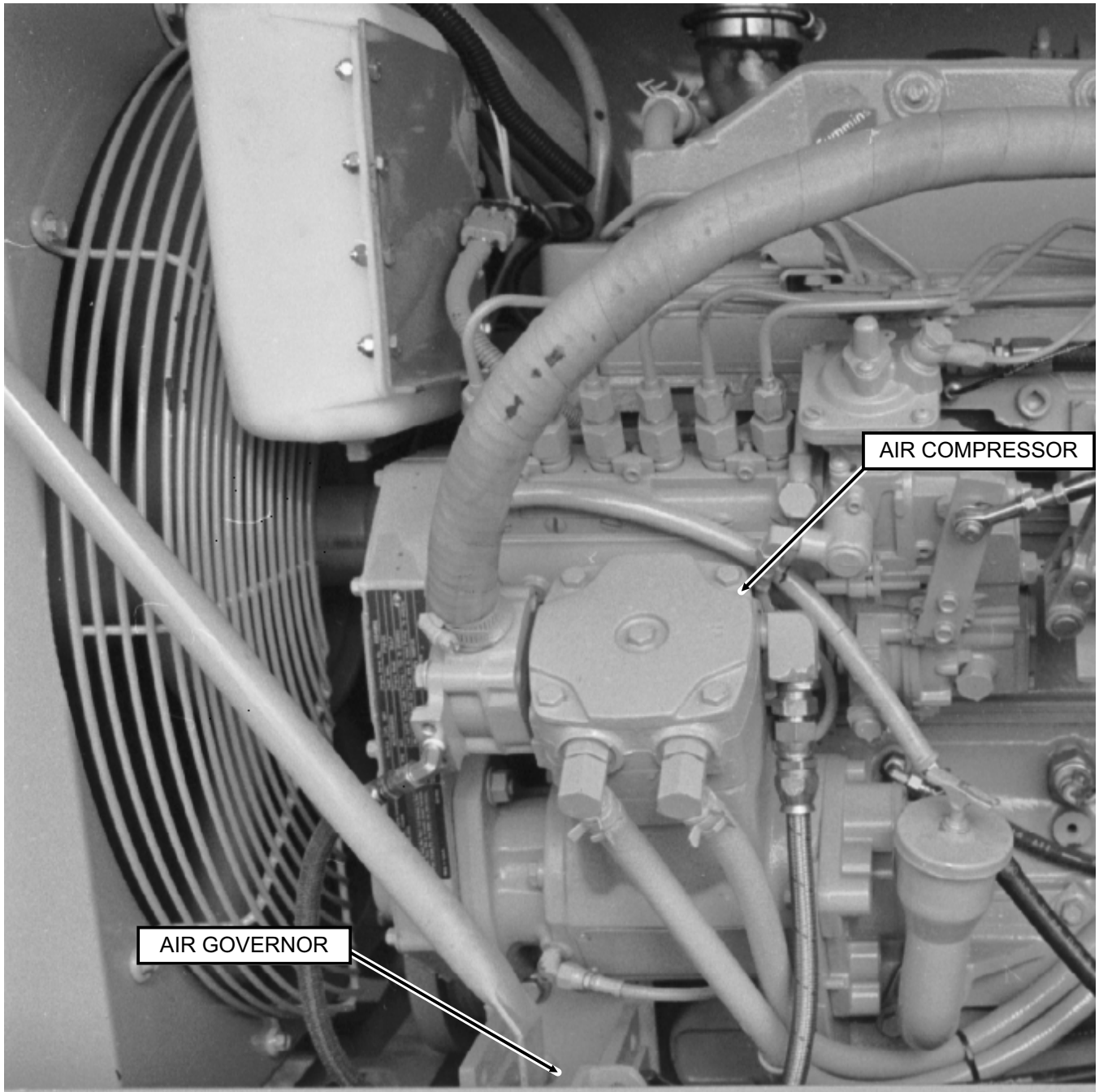
Note: Each Figure has a corresponding parts list that states whether the component is NEW or EXISTING for assembly.

5. Tighten all compressor mounting hardware securely.
6. Reconnect the air, cooling and lubrication lines to the new WABCO air compressor. Tighten all connections securely.
7. Start the engine and verify proper operation of the new WABCO air compressor.
8. Check all air, cooling and lubrication connections for leaks.

SERVICE GROUP INSTALLATION

02-101

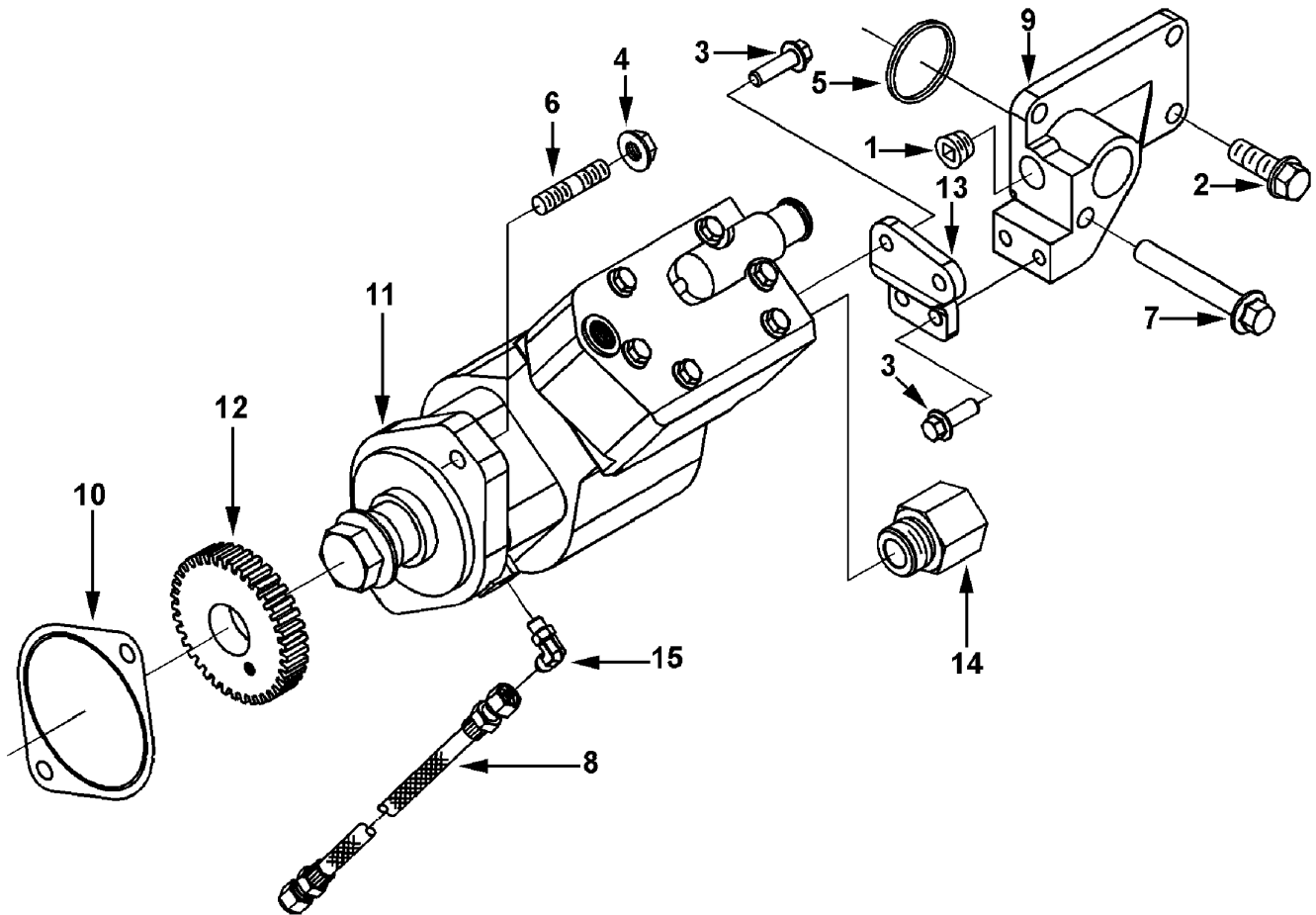
FIGURE 1
AIR COMPRESSOR MOUNTED ON CUMMINS 6BTA5.9 ENGINE



SERVICE GROUP INSTALLATION

CP9340

**FIGURE 2
AIR COMPRESSOR COMPONENTS**

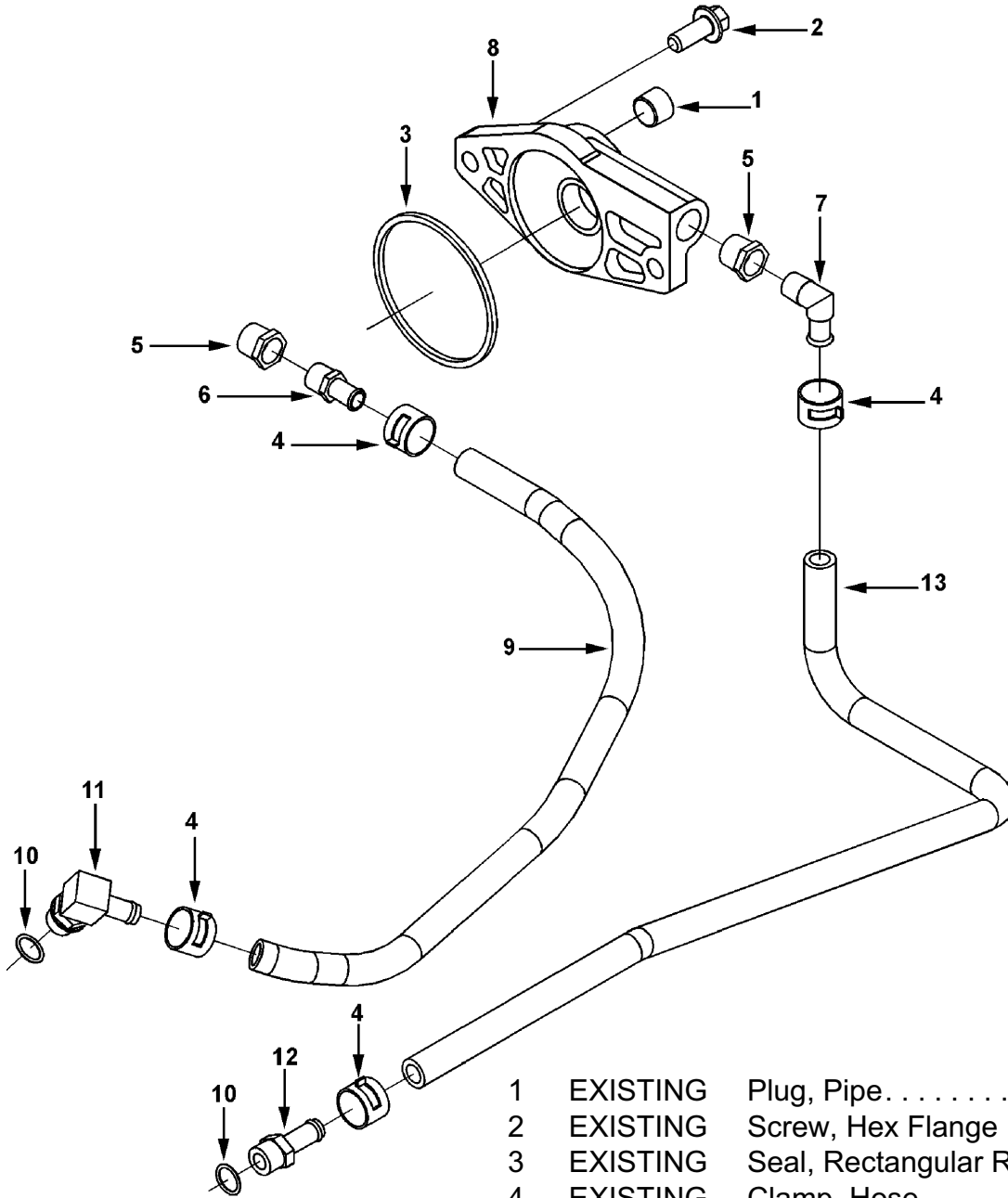


1	EXISTING	Plug, Pipe	1
2	EXISTING	Screw, Hex Flange Head Cap . . .	3
3	EXISTING	Screw, Hex Flange Head Cap . . .	4
4	EXISTING	Nut, Hex Flange	2
5	EXISTING	Seal, O-Ring	1
6	EXISTING	Stud	2
7	NEW	Screw, Hex Flange Head Cap . . .	1
8	EXISTING	Hose, Flexible	1
9	EXISTING	Connection, Oil Drain	1
10	NEW	Gasket, Acc Drive Cover	1
11	NEW	Compressor, Air	1
12	EXISTING	Gear, Accessory Drive	1
13	NEW	Brace, Air Compressor	1
14	NEW	Union, Female Adapter	1
15	NEW	Elbow, Plain Union	1

SERVICE GROUP INSTALLATION

CC9173

**FIGURE 3
COOLANT PLUMBING COMPONENTS**

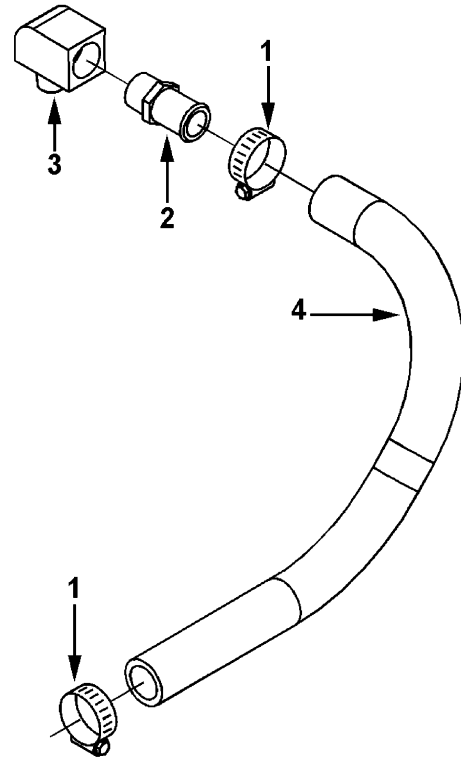


1	EXISTING	Plug, Pipe	1
2	EXISTING	Screw, Hex Flange Head Cap . . .	2
3	EXISTING	Seal, Rectangular Ring	1
4	EXISTING	Clamp, Hose	4
5	EXISTING	Bushing, Reducing Pipe	2
6	EXISTING	Coupling, Plain Hose	1
7	EXISTING	Coupling, Elbow Hose	1
8	EXISTING	Connection, Water Transfer	1
9	EXISTING	Hose, Plain	1
10	NEW	Seal, O-Ring	1
11	EXISTING	Coupling, Elbow Hose	1
12	NEW	Coupling, Plain Hose	1
13	EXISTING	Hose, Plain	1

SERVICE GROUP INSTALLATION

CI9095

**FIGURE 4
AIR INLET COMPONENTS**



- 1 EXISTING Clamp, Hose 2
- 2 EXISTING Coupling, Plain Hose 1
- 3 EXISTING Elbow, Plain Street Pipe. 1
- 4 NEW Hose, Plain. 1

SERVICE GROUP PARTS LIST

ITEM	PART NO	DESCRIPTION	QTY
	196996	WABCO Air Compressor Service Group	1

© 2002 HARSCO TRACK TECHNOLOGIES, HARSCO CORPORATION

415 North Main Street
Fairmont, MN
56031-1837
Tel: (507) 235-3361
Fax: (507) 235-7370

2401 Edmund Road, Box 20
Cayce-West Columbia, SC
29171-0020
Tel: (803) 822-9160
Fax: (803) 822-7471

200 South Jackson Road
Ludington, MI
49431
Tel: (231) 843-3431
Fax: (231) 843-4830