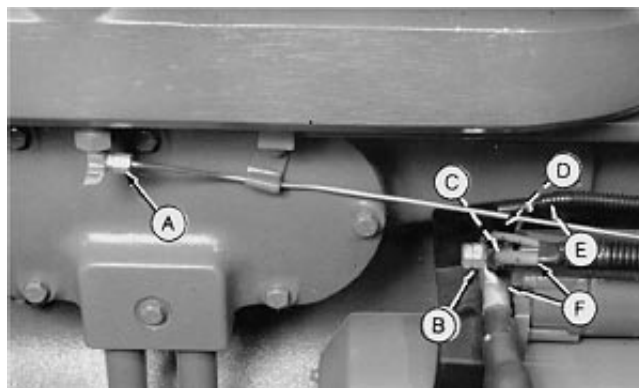


39. Disconnect cold weather starting aid line (A).

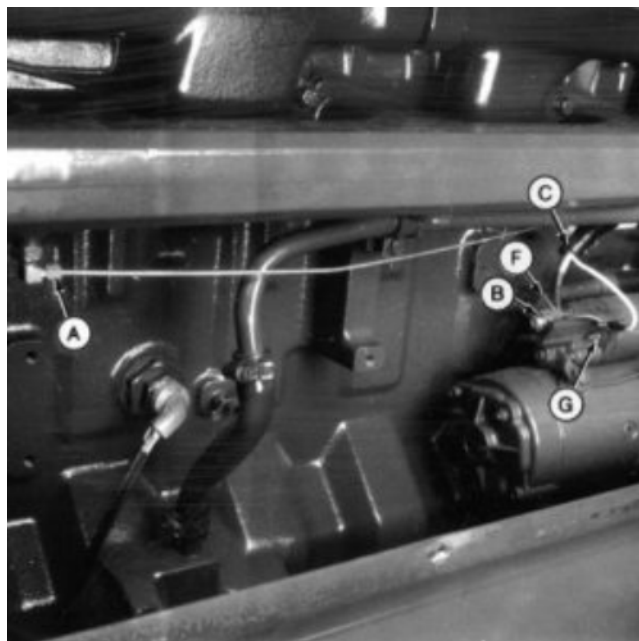
40. Remove parts (B—G) from starting motor.

- A—Starting Aid Line
- B—Nut (2 used)
- C—Main Harness
- D—Plastic Cover
- E—Wiring Harness
- F—Battery Cable
- G—Terminal Nut



9600 Combine

H40471 -UN-05JUN89



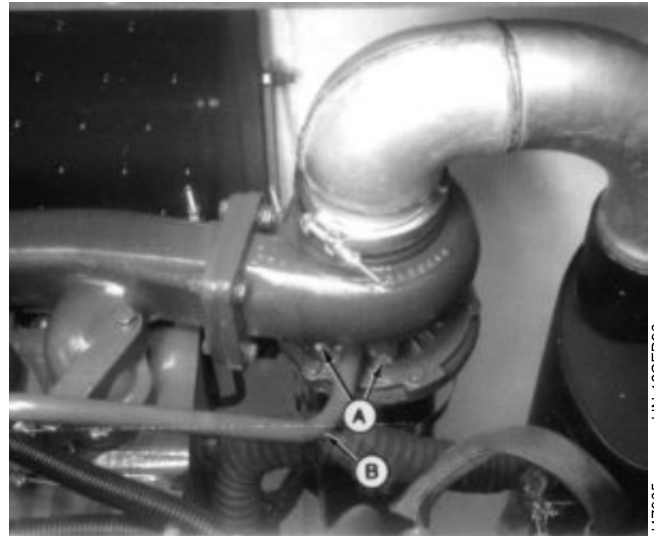
9500 Combine

H47964 -UN-12SEP96

HX,1401,2005,K -19-28AUG96

20
05
12

41. On lower surface of the turbocharger remove two cap screws (A) at return oil line (B) mount flange. Remove oil line.



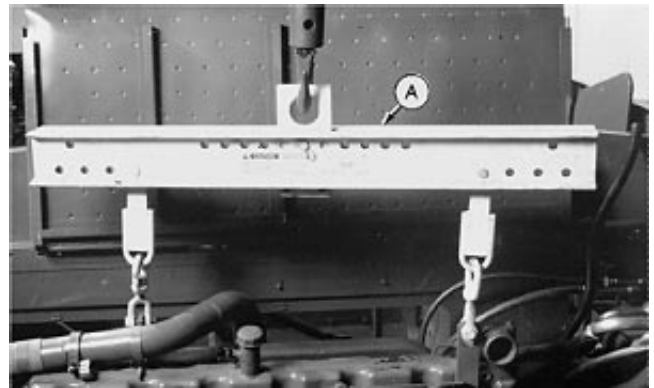
20
05
13
-UN-12SEP96
H47965

1401,DV470 -19-28AUG96

CAUTION: The approximate weight of the 6359 engine is 533 kg (1175 lbs). The approximate weight of the 6068 engine is 602 kg (1324 lbs). The approximate weight of the 6076 engine is 816 kg (1800 lbs).

IMPORTANT: Use only a lifting sling, like the JDG-23 that has a spreader bar. Other types of lift slings could damage the cylinder head.

42. Install JDG-23 engine lifting sling (A). Take up slack in lift chains before removing engine mount cap screws.



-UN-05JUN89
H40533

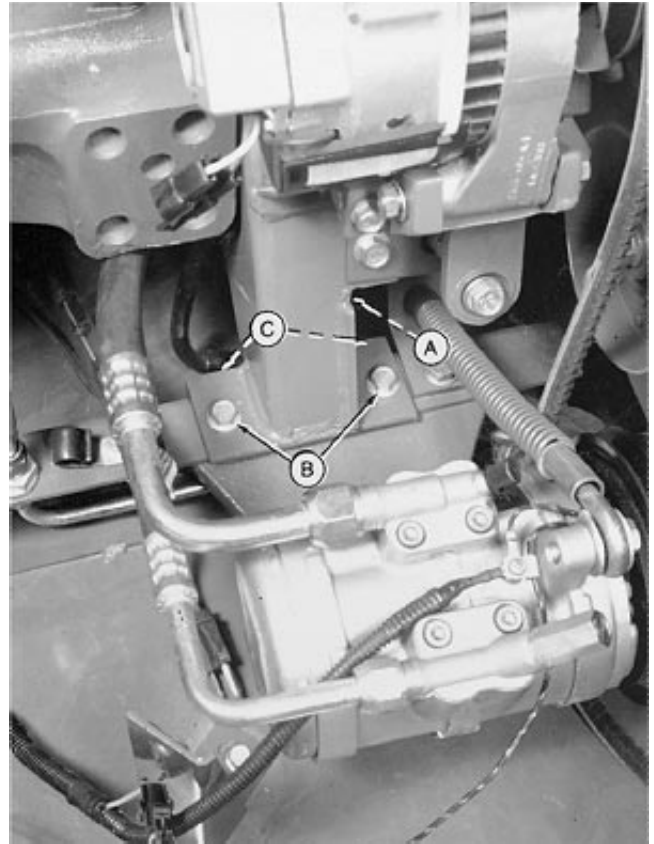
HX1401,2005,G -19-28AUG96

Remove and Install Engine/Remove Engine

- 43. Remove front engine mount cap screws (A—C).
- 44. Remove front engine mount cap screws (A and B).
- 45. Remove cap screw(s) (C).

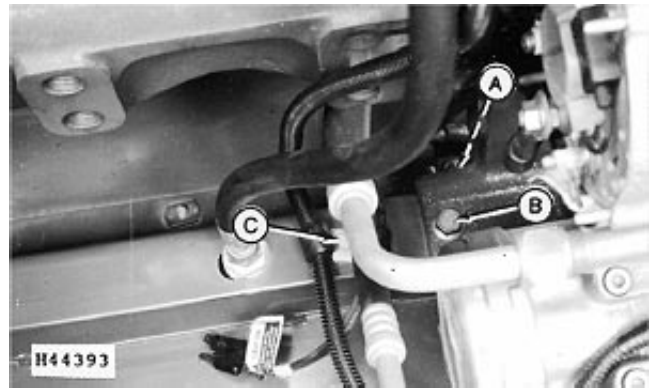
A—Cap Screw (2 used)
B—Cap Screw (2 used)
C—Cap Screw (quantity depends on mt instln)

20
05
14



H40472
-UN-05JUN89

9500(-640200) and 9600(-640300)



H44393
-UN-21MAY92

Later Models*



H47966
-UN-12SEP96

Latest Models**

* = 9500(640201 - 655551), SH9500(645201 - 655531) and 9600(640301 - 655524)

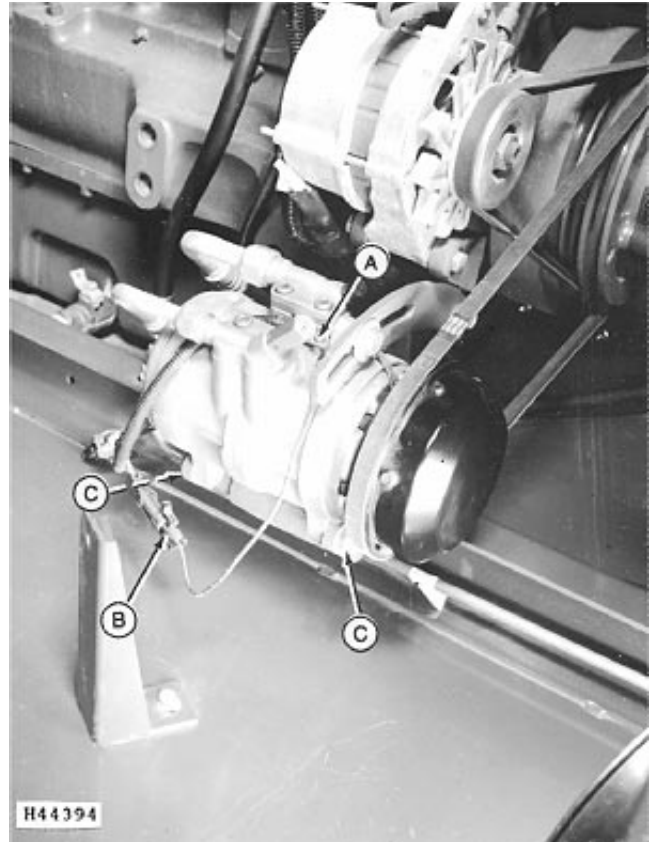
** = 9500/SH9500(655552-) and 9600(655525-)

HX,1401,2005,M -19-05DEC96

NOTE: DO NOT disconnect refrigerant lines.

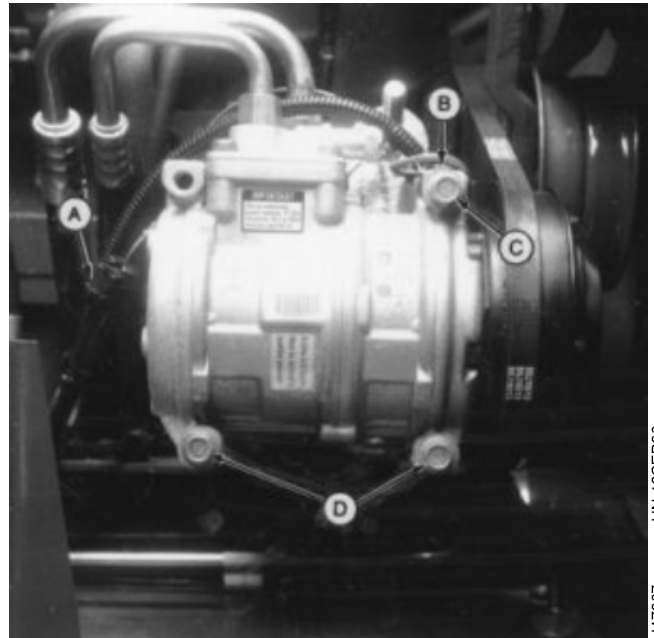
46. Remove electrical connections (A and B).

47. Remove cap screws (C and D), remove belt from pulley, and place air conditioner compressor on floor of engine compartment.



R-12 A/C Compressor Shown

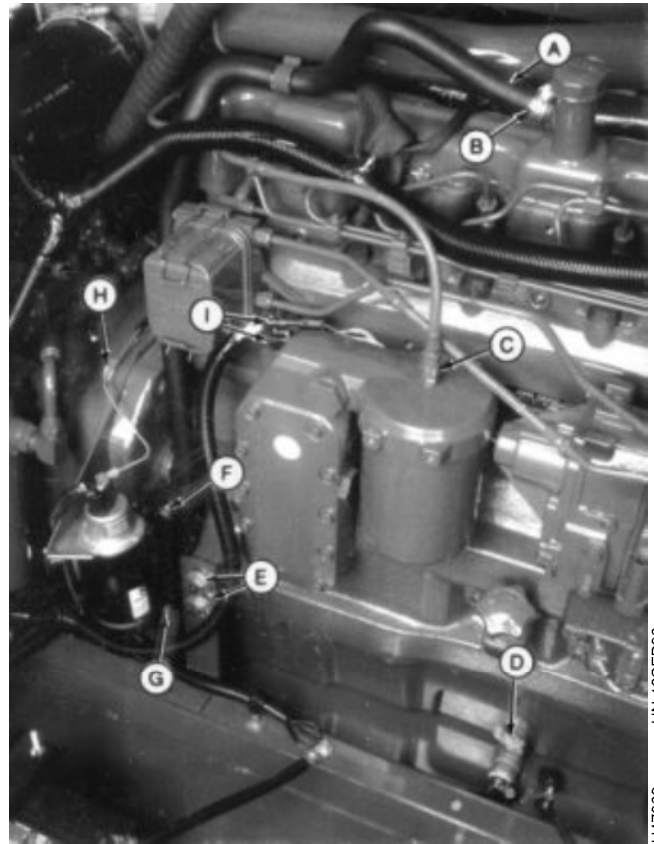
- A—Electrical Connector
- B—Electrical Connector
- C—Cap Screw
- D—Cap Screw



R-134a A/C Compressor Shown

48. Remove clamp (B) to remove breather hose (A).
49. Remove turbocharger oil line (C).
50. Drain engine oil. Approximate capacity is 14 L (14-1/2 qt) for 6359 engine, 19 L (20 qt) for 6068 engine on 9400 combine and 23.2 L (24-1/2 qt) on 9500 and 9600 combines.
51. Remove engine oil drain line (D) from shut-off valve.
52. Disconnect oil pressure sending switch connector (F).
53. Disconnect fuel injector pump connectors (I) (Bosch Fuel Injection - S/N 536794-).
54. Remove rear mounting cap screws (E) on each side.
55. Remove bellhousing cap screws (H) and dust cover cap screws (G).

- A—Breather Hose
- B—Clamp
- C—Turbocharger Oil Line
- D—Oil Drain Line
- E—Cap Screw (4 used)
- F—Oil Pressure Sending Switch Connector
- G—Cap Screw (4 used)
- H—Cap Screw (4 used)
- I—Fuel Injector Pump Connectors (Bosch)

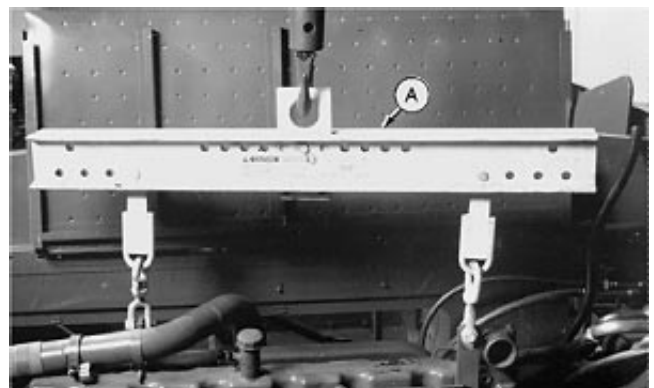


H47968 -JUN-12SEP96

HX1401,2005,H -19-27NOV96

CAUTION: Use extreme care when lifting and NEVER permit any part of the body to be positioned under a load being lifted or suspended.

56. Attach engine hoist fixture (A) to engine lift fittings. Carefully move engine away from bellhousing. Lift engine out of combine.
57. For 9400 combine, see CTM-4 or CTM-8 for engine repair; for 9500, 9600 and CTS combines, see CTM-6 or CTM-42 for engine repair.



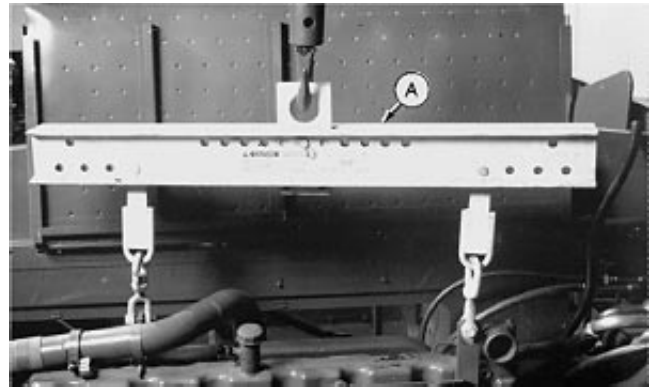
H40533 -JUN-05JUN89

HX1401,2005,I -19-05DEC96

INSTALL ENGINE

⚠ CAUTION: Use extreme care when lifting engine and **NEVER** permit any part of the body to be positioned under a load being lifted or suspended.

1. Carefully lower engine to align with bellhousing.



HX,1401,2005,AE-19-17DEC92

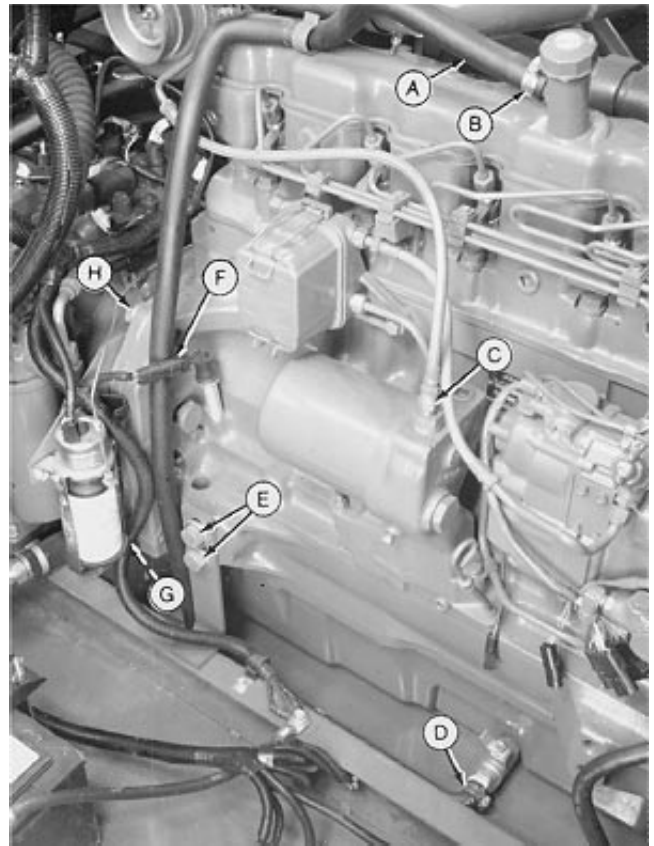
H40533 -UN-05JUN89

20
05
17

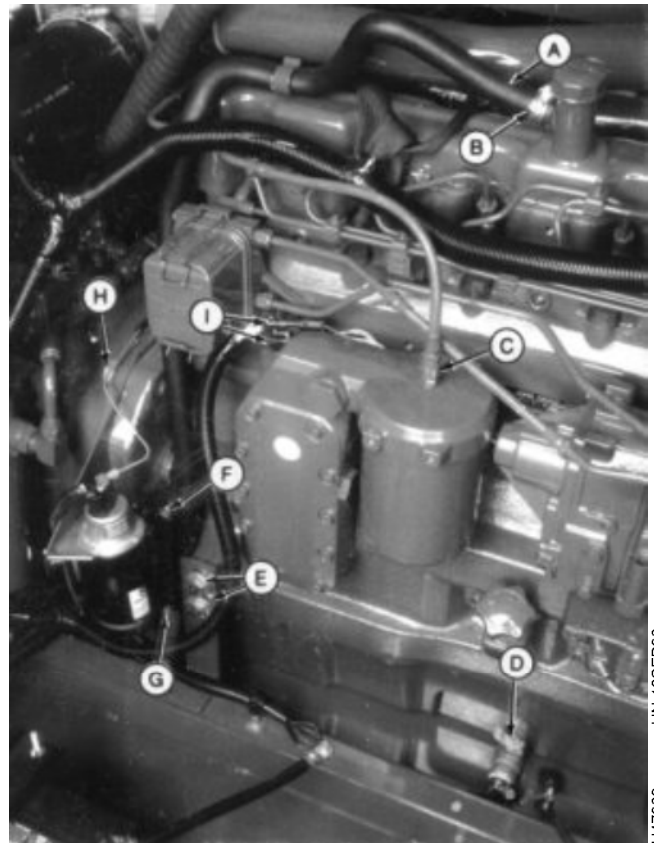
20
05
18

2. Install bellhousing cap screws (H). Tighten to 340 N·m (250 lb-ft).
3. Install rear mounting cap screws (E) and tighten to 80 N·m (60 lb-ft).
4. Install dust cover cap screws (G).
5. Connect oil pressure sending switch connector (F).
6. (Bosch Fuel Inj - Eng S/N 536794-) Connect fuel injector pump connectors (I).
7. Install engine oil drain line (D) to shut-off valve.
8. Install turbocharger oil line (C).
9. Install breather hose (A). Tighten clamp (B).

- A—Breather Hose
- B—Clamp
- C—Turbocharger Oil Line
- D—Oil Drain Line
- E—Cap Screw (4 used)
- F—Oil Pressure Sending Switch Connector
- G—Cap Screw (4 used)
- H—Cap Screw (4 used)
- I—Fuel Inj Pump Connectors
(Bosch Fuel Inj-Eng S/N 536794-)



9400 Combine Shown



9500 and 9600 Combines Shown

HX1401,2005,J -19-05DEC96



Suggest:

If the above button click is invalid.

Please download this document

first, and then click the above link

to download the complete manual.

Thank you so much for reading