

MECHANICS CORNER

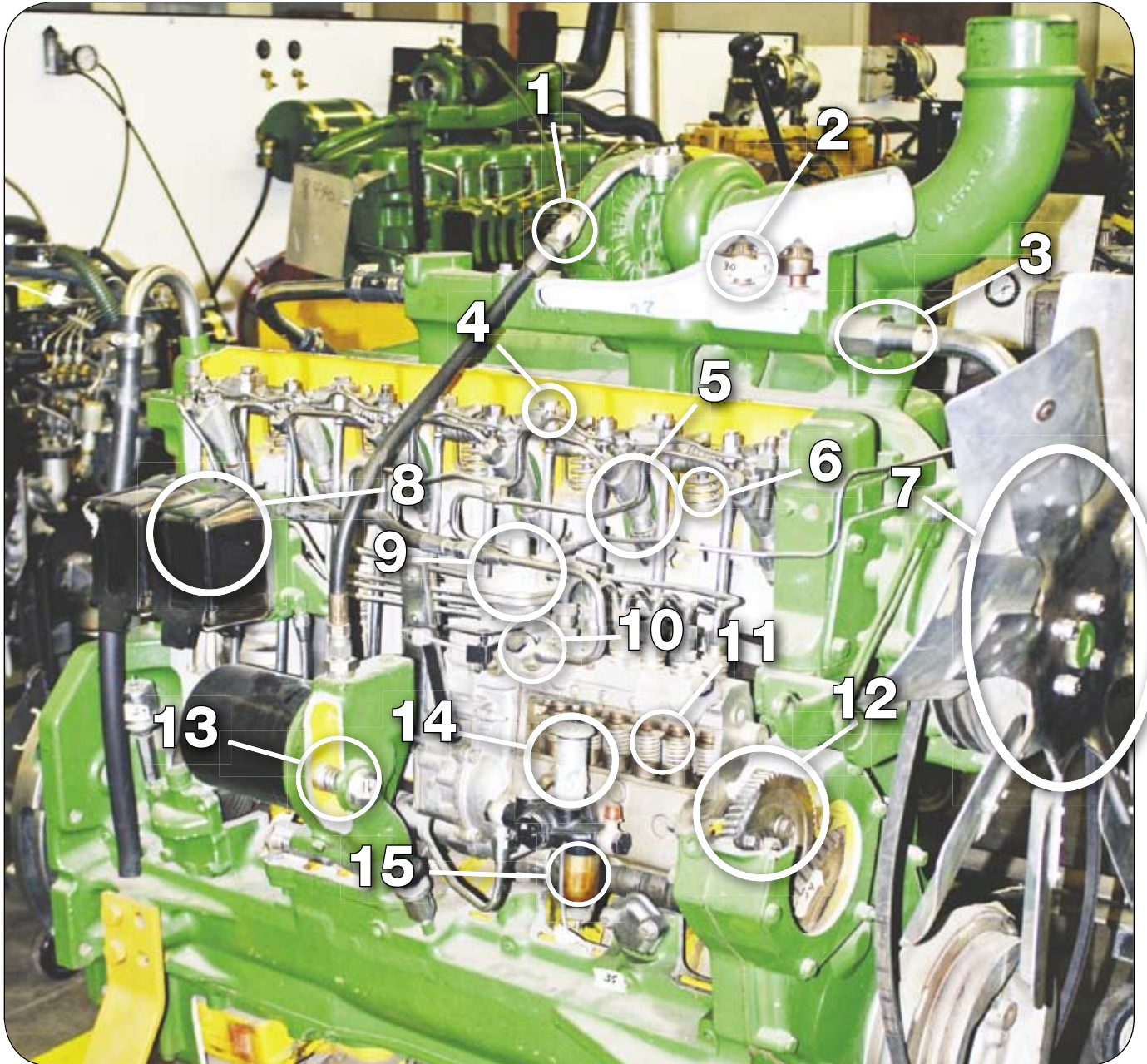
BY **JIM SCHLUND**

Test your knowledge

To the right is a John Deere 4640 engine that the College of Southern Idaho uses to teach diesel mechanic students.

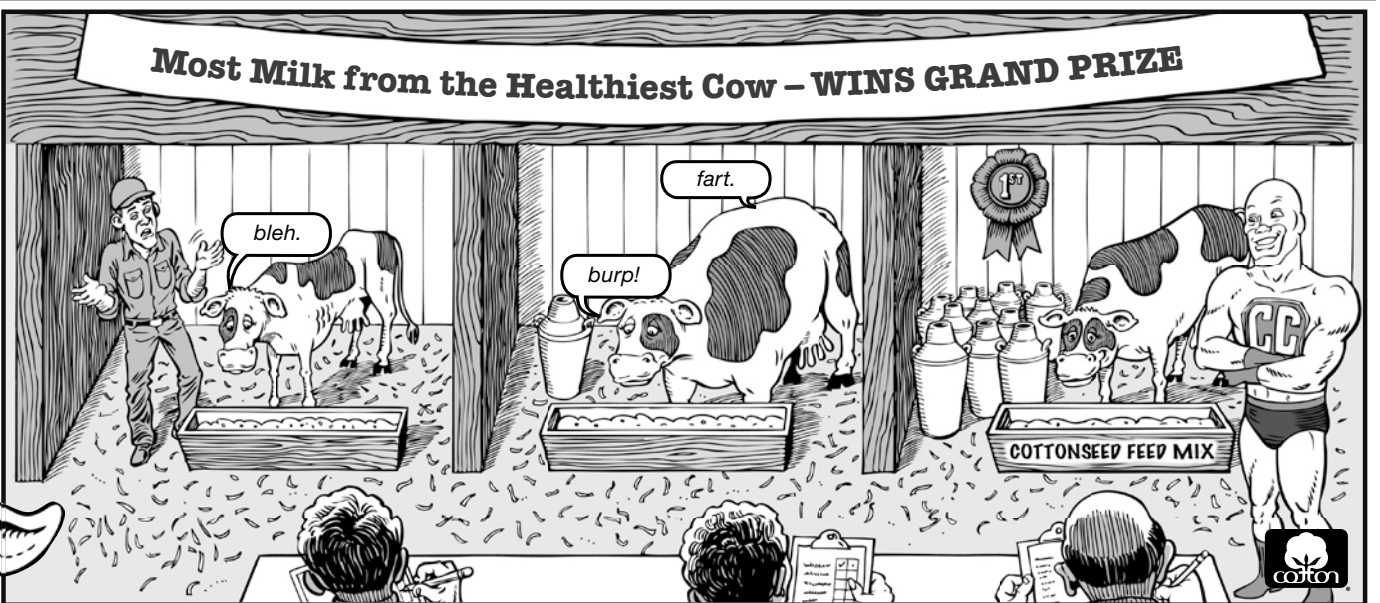
Test your engine knowledge by identifying all the parts that are circled. Then compare your answers to the key at the bottom of the column. How many can you get right?

- A. Air fuel control 1. _____
- B. Coolant bypass tube 2. _____
- C. Engine coolant thermostat 3. _____
- D. Fuel injection inlet from filter 4. _____
- E. Fuel injection pump drive gear 5. _____
- F. Fuel bleeding primer 6. _____
- G. Injector nozzle 7. _____
- H. Injection pump plungers & springs 8. _____
- I. Intake valve spring 9. _____
- J. Oil filter bypass regulator 10. _____
- K. Rocker arm bracket and bolt 11. _____
- L. Sediment bowl for incoming fuel 12. _____
- M. Secondary fuel filter 13. _____
- N. Suction fan 14. _____
- O. Turbo oil feed line 15. _____



In the next issue we will talk about the importance of some of these parts and how they function.

1. O 2. C 3. B 4. K 5. G 6. I 7. N 8. M
9. A 10. D 11. H 12. E 13. J 14. F 15. L



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