

Exercise

Question-1

Mark each of the following statements True or False:

No.	Question	True or False	Correct Answers
1	U-bolts are primarily used for joining the leaf springs to the axles.	<input type="radio"/> True <input type="radio"/> False	<input type="text"/>
2	A capped nut establishes a locking mechanism when paired with a cotter pin.	<input type="radio"/> True <input type="radio"/> False	<input type="text"/>
3	A castle nut establishes a locking mechanism by itself.	<input type="radio"/> True <input type="radio"/> False	<input type="text"/>
4	Once a cotter pin is used, it cannot be reused.	<input type="radio"/> True <input type="radio"/> False	<input type="text"/>
5	Once a plastic region bolt is used, it cannot be reused.	<input type="radio"/> True <input type="radio"/> False	<input type="text"/>

Question-2

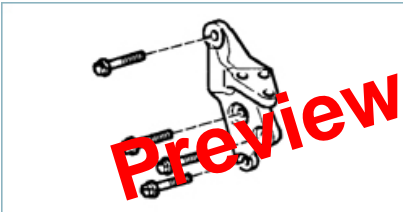
Which one of the following statements about bolts is true?

- 1. While there are various types of bolts, all bolts of a given type have the same strength.
- 2. The strength of a bolt is determined by its color.
- 3. The strength of a bolt can be determined by the number or mark that is stamped on it.
- 4. A bolt will not break off unless an air tool is used.

Question-3

Select the component that is used plastic region bolt at 1NZ-FE engine.

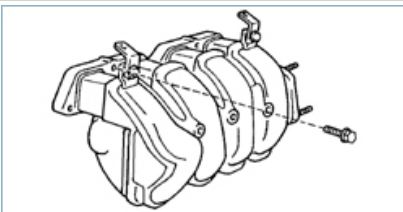
1. Engine mounting bracket



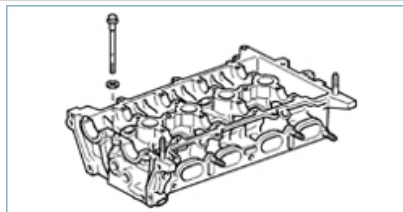
2. Camshaft bearing cap



3. Intake manifold



4. Cylinder head



1 2 3 4

Question-4

The following statements pertain to the nominal values of a bolt. Fill in the blanks with the appropriate words.

M10 x 1.25 - 11T

M: Represents [1]

10: Represents [2]

1.25: Represents [3]

11T: Represents [4]

a) bolt diameter b) bolt height c) thread type d) bolt length e) pitch f) strength