

SERIAL NUMBERS

Serial numbers are stamped on various locations on the frame, engine, transmission and cab/rear. Record these numbers in the Quick Reference Data section in the front of the book. Have these numbers available when ordering parts.

The frame serial number (Figure 1) is stamped on the right side of the frame down tube.

The VIN number label (Figure 2) is located just below the frame number on the right side frame down tube.

Engine serial number is stamped on a pad on the left side of the crankcase (Figure 3), as well as the right side of the crankcase (Figure 4).

The transmission serial number (Figure 5) is stamped on a pad on the right side of the transmission case next to the side door.

The cab/rear serial number (Figure 6) is located on the side of the cab/rear body next to the accelerator pump linkage.

Table 1 lists model designations.

FASTENERS

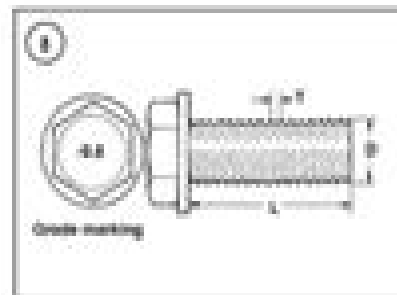
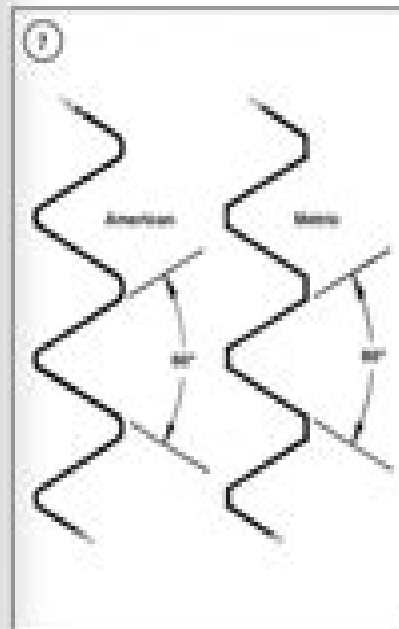
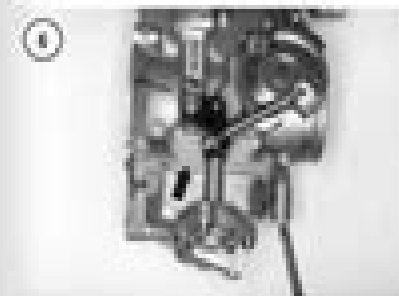
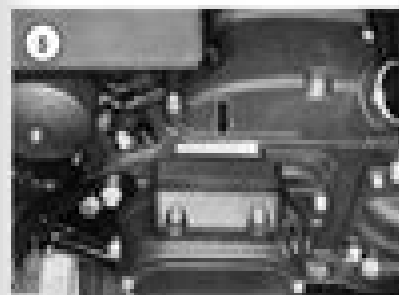
Proper fastener selection and installation is important to ensure that the vehicle operates as designed and can be serviced efficiently. The choice of original equipment fasteners is not arrived at by chance. Make sure that replacement fasteners meet all the same requirements as the originals.

Threaded Fasteners

Threaded fasteners secure most of the components on the vehicle. Most are tightened by turning them clockwise (right-hand threads). If the normal rotation of the component being tightened would loosen the fastener, it may have left-hand threads. If a left-hand threaded fastener is used, it is noted in the text.

Two dimensions are required to match the threads of the fastener: the number of threads in a given distance and the outside diameter of the threads.

Two systems are currently used to specify threaded fastener dimensions: the U.S. Standard system and the metric system (Figure 7). Pay particular attention when working with mismatched fasteners; mismatching thread types can damage threads.



NOTE

To ensure that the fastener threads are not mismatched or cross-threaded, start all fasteners by hand. If a fastener is hard to start or turn, determine the cause before tightening with a wrench.

The length (L, Figure 8), diameter (D) and distance between thread crests (pitch) (P) classify metric screws and bolts. A typical bolt may be identified by the numbers, 6-1.25 x 150. This indicates the bolt has diameter of 6 mm, the distance between thread crests is 1.25 mm and the length is 150 mm. Always measure bolt length as shown in Figure 8 to avoid purchasing replacements of the wrong length.

The numbers located on the top of the fastener (Figure 8) indicate the strength of metric screws and bolts. The higher the number, the stronger the fastener is. Unnumbered fasteners are the weakest.

Many screws, bolts and nuts are combined with nuts to secure particular components. To indicate the size of a nut, manufacturers specify the internal diameter and the thread pitch.

The measurement across two flats on a nut or bolt indicates the wrench size.

WARNING

Do not install fasteners with a strength classification lower than what was originally installed by the manufacturer. Doing so may cause equipment failure and/or damage.

Torque Specifications

The materials used in the manufacture of the vehicle may be subjected to uneven stresses if the fasteners

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years before we had electricity humans learned to use solar energy in a handful of different ways in addition to lighting early civilizations used sunlight to regulate the temperatures of buildings and cities

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web in theory solar energy was used by humans as early as the 7th century b c when history tells us that humans used sunlight to light fires with magnifying glass materials later in the 3rd century b c the greeks and romans were known to harness solar power with mirrors to light torches for religious ceremonies

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