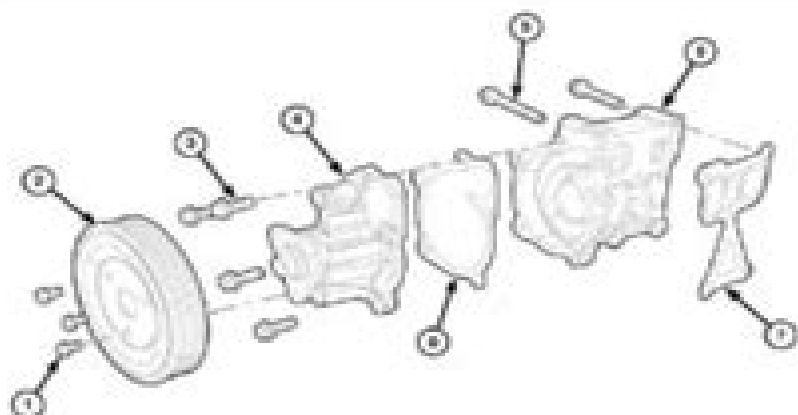


# Jeep Patriot 2011-2017 Workshop Manual

Fig. 1. Water pump pulley, adjuster and locknut



1. Remove the water pump assembly from the vehicle. Refer to PUMP, WATER, REMOVAL.
2. Discard the water pump outlet gasket (7).
3. Remove the three bolts (1) attaching the water pump pulley (2) to the water pump (3).
4. Remove the water pump pulley (2).
5. Remove the five bolts (2) attaching the water pump (4) to the water pump (5).
6. Remove and discard the gasket (6).
7. Remove the water pump (4) and inspect carefully for any damage. Refer to PUMP, WATER, INSPECTION.

Fig. 2. Water pump pulley, adjuster and locknut



1. When you are ready to install the water pump pulley, adjuster and locknut, refer to PUMP, WATER, REMOVAL.
2. When you are ready to install the water pump pulley, adjuster and locknut, refer to PUMP, WATER, REMOVAL.
3. When you are ready to install the water pump pulley, adjuster and locknut, refer to PUMP, WATER, REMOVAL.
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5. When you are ready to install the water pump pulley, adjuster and locknut, refer to PUMP, WATER, REMOVAL.

Fig. 3. Water pump pulley, adjuster and locknut



Fig. 4. Water pump pulley, adjuster and locknut



6. Position a plastic tie strap (3) around the chain, tensioner (4) and bolt (2) that was previously installed.
7. Push the chain, guide and tensioner (1) to the compressed position.
8. Tighten the tie strap to hold the components together.

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