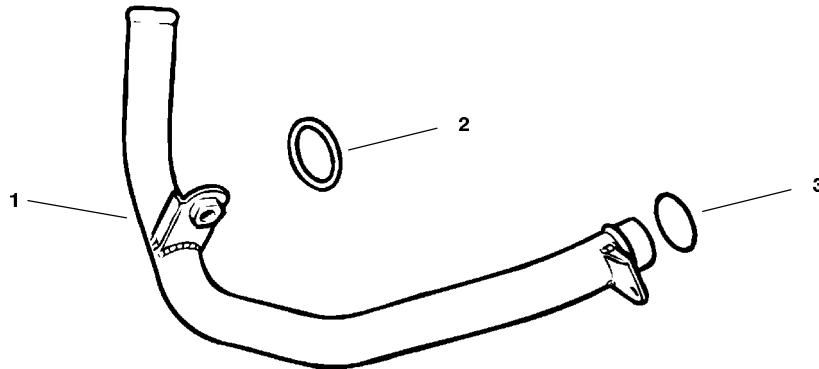


Chromed Water Pump Pipe Fitting Instructions - Thunderbird & Adventurer



! WARNING: Always have Triumph approved parts, accessories and conversions fitted by a trained technician of an authorised Triumph dealer. The fitment of parts, accessories and conversions by a technician who is not of an authorised Triumph dealer may affect the handling, stability or other aspects of the motorcycle operation which may result in an accident causing injury or death.

! WARNING: Throughout this operation, ensure that the motorcycle is stabilised and adequately supported on a paddock stand to prevent the risk of injury from the motorcycle falling.



! WARNING: This water pump pipe kit is designed for use solely on Triumph Thunderbird and Adventurer motorcycles and should not be fitted to any other Triumph model or to any motorcycles of other manufacturers. Fitting this water pump pipe kit to any other Triumph model or to any motorcycles of other manufacturers may interfere with the rider and could affect the stability and handling of the motorcycle leading to an accident causing injury or death.

Parts Supplied

- | | | | |
|----------------------------------|---|------------------------|---|
| 1. Chromed Water Pump Pipe | 1 | 3. 'O' Ring Seal | 1 |
| 2. Exhaust gasket | 1 | | |

- Remove the left-hand exhaust downpipe. Discard the used exhaust gasket.

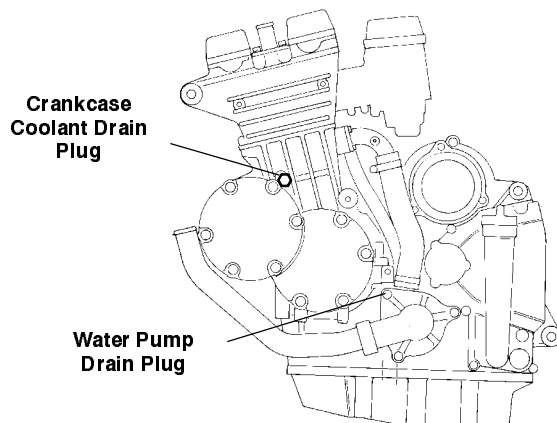
! WARNING: If the engine has recently been running, the exhaust pipes and cooling system will be hot. Before working on or near the exhaust pipes or cooling system, allow sufficient time for the exhaust pipes and cooling system to cool, as touching any part of a hot exhaust pipe or cooling system could cause scalds and burn injuries.

! WARNING: Do not remove the coolant pressure cap when the engine is hot. When the engine is hot, the coolant inside the radiator is hot and also under pressure. Contact with the pressurised coolant will cause scalds and burn injuries.

- Refer to the diagram right and drain the cooling system as follows:-
 - Remove the fuel tank as described in the Thunderbird and Adventurer Owner's Handbook.

- Remove the coolant pressure cap to help drainage.
- Remove the crankcase coolant drain plug and release the water pump drain plug.

! WARNING: Observe the warning advice given in the general information section of the Triumph Service Manual on the safe handling of fuel and fuel containers. A fire, causing personal injury, could result from spilled fuel or fuel not handled and stored in the correct manner.

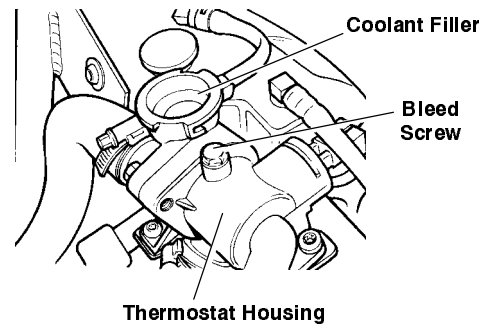
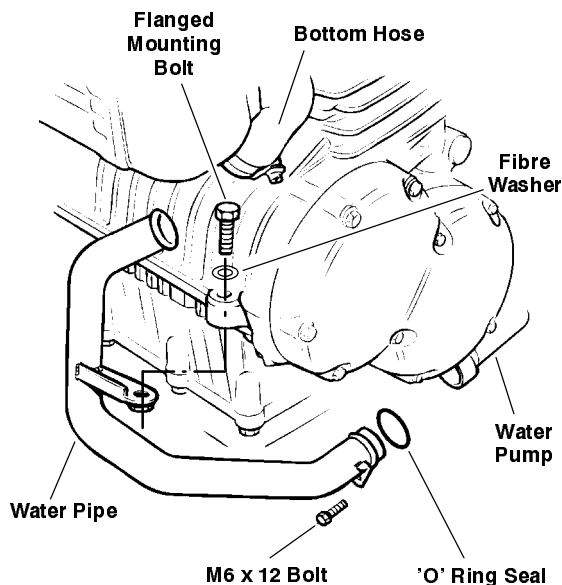


- Place a container beneath the left hand side of the machine to collect the displaced coolant.

Chromed Water Pump Pipe Fitting Instructions - Thunderbird & Adventurer



3. Refer to the diagram below. Remove the flanged mounting bolt from the water pipe and collect the fibre washer. Loosen the hose clip securing the bottom hose to the water pipe and detach the bottom hose.



- Slowly add 50% antifreeze/distilled water mixture to the system through the filler until the system is full. Close the bleed screw.



CAUTION: Distilled water must be used with the anti-freeze in the cooling system. Refer to the Thunderbird and Adventurer Owner's Handbook for the anti-freeze specification.

If hard water is used in the system, it causes scale accumulation in the water passages, and considerably reduces the efficiency of the cooling system. Reduced cooling system efficiency may lead to the engine overheating and suffering severe damage.

4. Remove the M6 x 12 bolt securing the water pipe to the water pump as shown in the diagram above. Detach the pipe and discard the used 'O' ring seal.

NOTE: The water pump pipe will not be refitted but should be retained for future re-use if the chromed water pump pipe is ever removed.

5. Fit the 'O' ring seal (supplied with the kit) to the chromed water pump pipe. Fit the chromed pipe to the water pump. Tighten the retaining bolt to 8 Nm.
6. Refit the bottom hose to the water pipe. Tighten the hose clip.
7. Refit the bolt and fibre washer securing the pipe to the crankcase. Tighten to 10 Nm.
8. Replace the left-hand exhaust downpipe. Use the exhaust gasket supplied with the kit.
9. Tighten the exhaust clamp to the cylinder head in two stages:
Stage 1. Tighten to 8 Nm.
Stage 2. Tighten to 20 Nm.
10. Refill the cooling system as follows:-
 - Refit the crankcase and water pump drain plugs and tighten to 13 Nm.
 - Refer to the diagram above right and loosen the bleed screw.

- Temporarily refit the fuel tank. Start the motorcycle and allow the engine to idle for a short period of time to allow any air to be expelled from the system. Stop the engine and top up the coolant level as necessary.
- Fully refit the fuel tank as described in the Thunderbird and Adventurer Owner's Handbook.