

ECS TUNING®



DSG/6-SPEED AUTOMATIC TRANSMISSION FLUID SERVICE TOOL

[ES2702742](#)

THIS INSTRUCTIONAL PDF IS PROVIDED AS A COURTESY BY ECS TUNING

PROPER SERVICE AND REPAIR PROCEDURES ARE VITAL TO THE SAFE, RELIABLE OPERATION OF ALL MOTOR VEHICLES AS WELL AS THE PERSONAL SAFETY OF THOSE PERFORMING THE REPAIRS. STANDARD SAFETY PROCEDURES AND PRECAUTIONS (INCLUDING USE OF SAFETY GOGGLES AND PROPER TOOLS AND EQUIPMENT) SHOULD BE FOLLOWED AT ALL TIMES TO ELIMINATE THE POSSIBILITY OF PERSONAL INJURY OR IMPROPER SERVICE WHICH COULD DAMAGE THE VEHICLE OR COMPROMISE ITS SAFETY. ALTHOUGH THIS MATERIAL HAS BEEN PREPARED WITH THE INTENT TO PROVIDE RELIABLE INFORMATION, NO WARRANTY (EXPRESS OR IMPLIED) IS MADE AS TO ITS ACCURACY OR COMPLETENESS. NEITHER IS ANY LIABILITY ASSUMED FOR LOSS OR DAMAGE RESULTING FROM RELIANCE ON THIS MATERIAL. SPECIFICALLY, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER WARRANTY IS MADE OR TO BE IMPLIED WITH RESPECT TO THIS MATERIAL. IN NO EVENT WILL ECS TUNING, INCORPORATED OR ITS AFFILIATES BE LIABLE FOR ANY DAMAGES, DIRECT OR INDIRECT, CONSEQUENTIAL OR COMPENSATORY, ARISING OUT OF THE USE OF THIS MATERIAL.

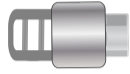
DSG DRAINPLUG



6AT DRAINPLUG



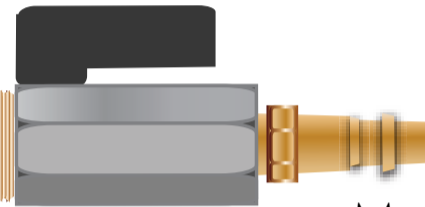
PINCH CLAMP



QUICK DISCONNECT

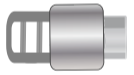


1/4" MINI BALL VALVE



MALE INDUSTRIAL AIR HOSE FITTING

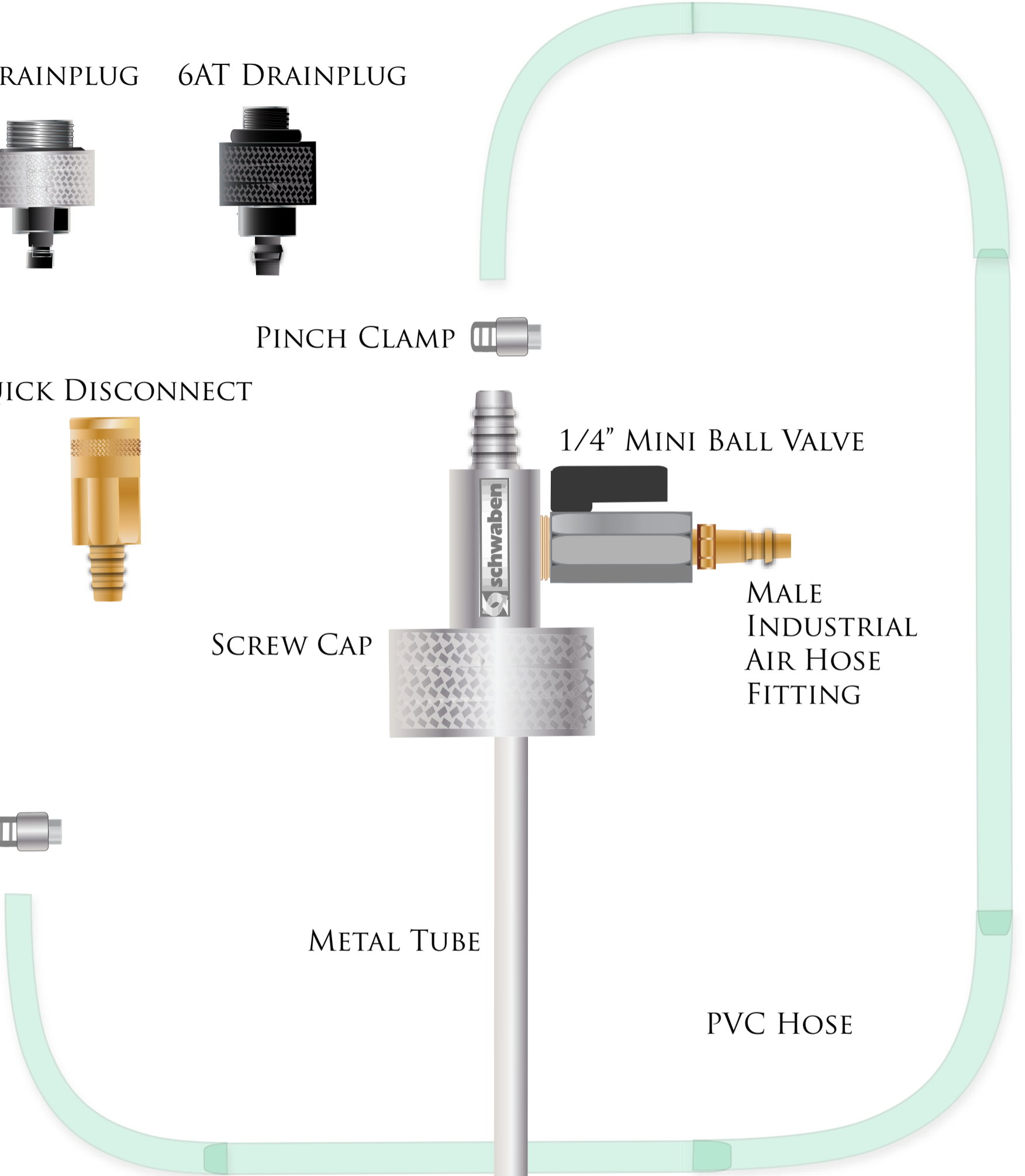
SCREW CAP



METAL TUBE



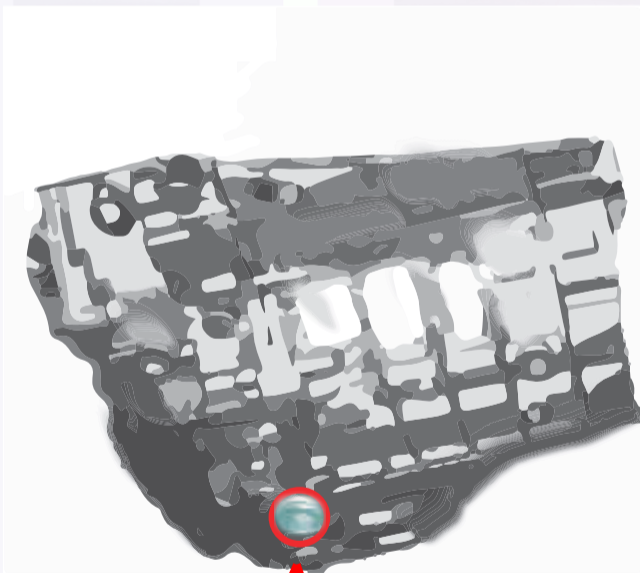
PVC HOSE



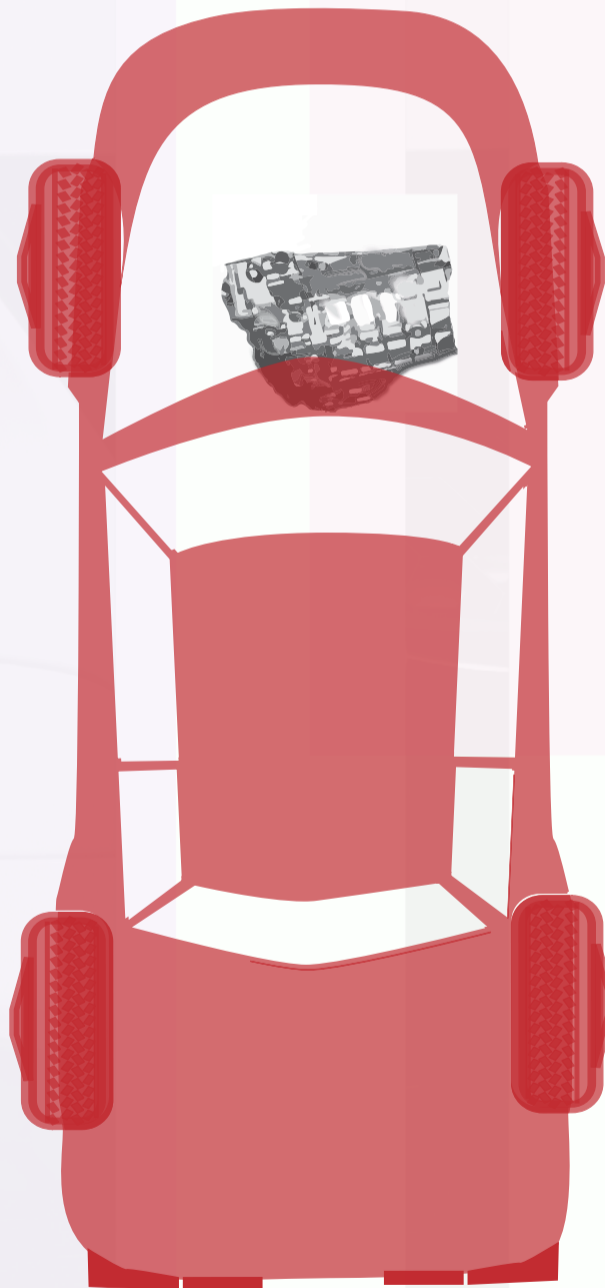
DSG Filling Location

A large plastic splash shield covers the transmission - it will need to be removed for access to the DSG transmission. Eight T25 Torx screws line the sides of the splash shield, while three T30 Torx screws are located towards the rear. On later MKV, MKVI, A3 etc. chassis, an additional T25 is located center-front. The fluid filling location is indicated below.

6AT TRANSMISSION UNDERSIDE



DRAINPLUG LOCATION



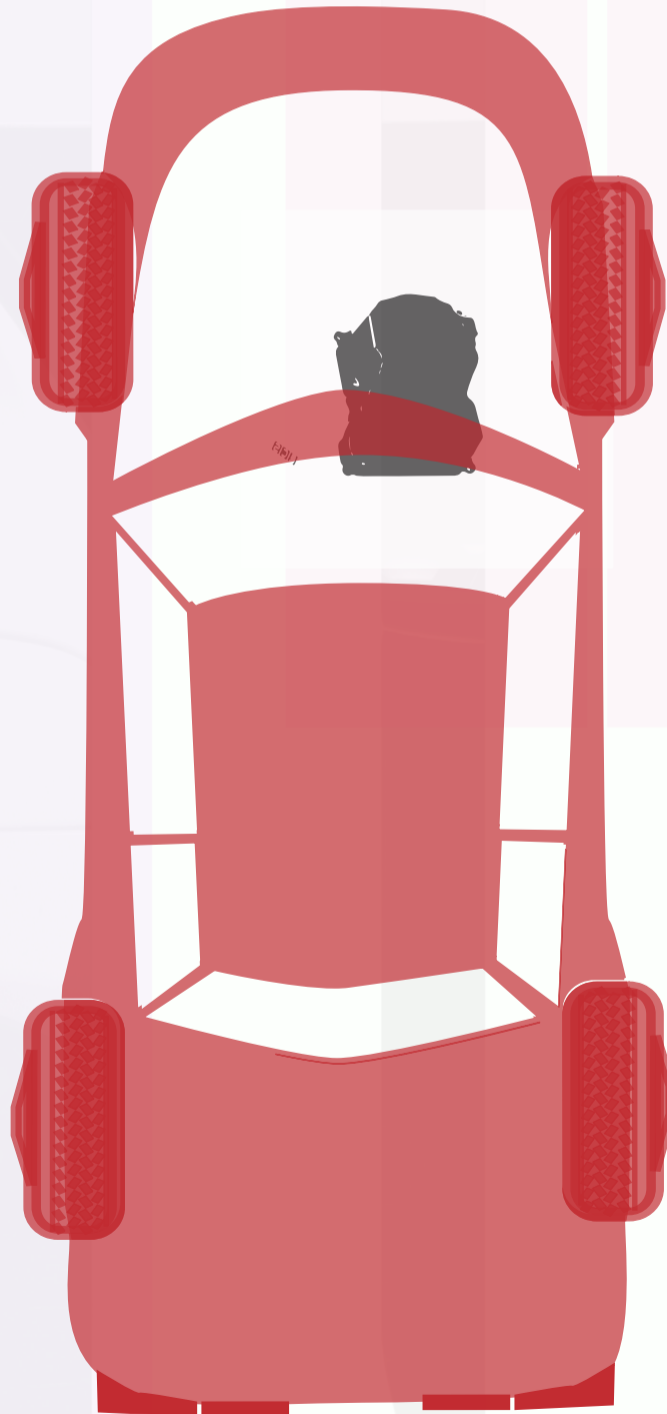
FRONT UNDERSIDE
OF VEHICLE

6AT Filling Location

The drain plug (indicated below) is located on the oil pan, and is threaded to accept the Quick Disconnect Drain Attachment.

6AT TRANSMISSION UNDERSIDE

DRAINPLUG LOCATION



FRONT UNDERSIDE
OF VEHICLE

Attach the Male Industrial Hose Fitting to the Main Body of the filler tool.
Choose the appropriate drain attachment for your transmission (small black 6AT attachment or larger silver DSG attachment.)

DSG DRAIN ATTACHMENT
AND QUICK-DISCONNECT

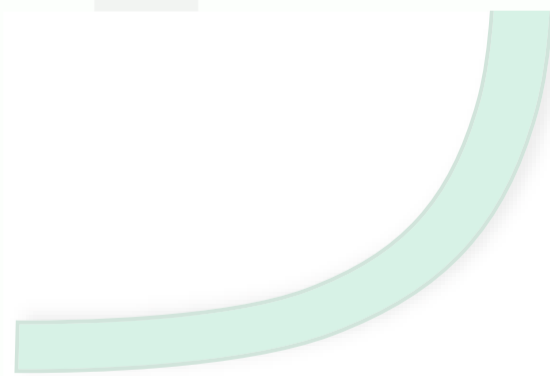
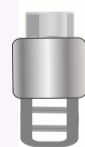
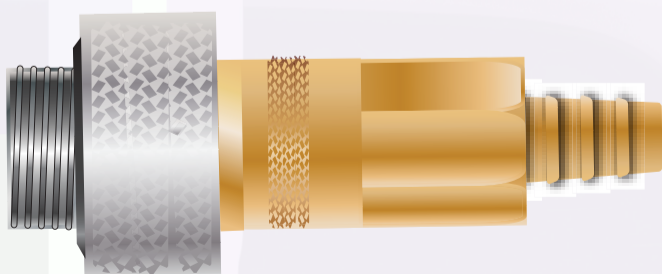


6AT DRAIN ATTACHMENT



Using the diagram on page 2 or 3, find the filler location for your transmission. Thread the quick-disconnect/drain attachment assembly hand-tight into the filler location. Sleeve the provided pinch clamp over the hose, and connect the hose to the barb.

Bring the pinch clamp up the hose to the barb and tighten it enough to prevent the pressure of the compressor from dislodging it. Route the hose out from underneath the side of the vehicle.



Prepare your air compressor using the follow specifications and cautions:

The filler tool utilizes a maximum PSI of 20; 10 PSI is *highly recommended* as a limit to avoid over pressurization of the transmission fluid bottle.

An over-pressurized transmission fluid bottle can reach a limit where explosion is imminent. For this reason, it is strongly recommended to take extra precautions such as wearing protective eyewear and gloves when using this procedure.

Sleeve the hose over the next pinch clamp and tighten onto the main filler tool housing barb.



Slide the metal tube into the transmission fluid bottle and tighten the Screw Cap onto the bottle.

Using a standard industrial air hose, connect the compressor to the brass hose fitting, making sure the connection is adequate to support 10+ PSI.

Slowly and cautiously open the compressor valve, allowing air to fill the ATF bottle and displace fluid through the tube into your transmission.

ASSEMBLY/QUICK REFERENCE

1. Connect the Male Industrial Hose Fitting to the Main Body of the Filler Tool
2. Screw the Main Body into the ATF fluid bottle.
3. Determine which drain attachment you will require (Silver DSG or Black 6AT), and connect it to the Quick Disconnect.
4. Locate the filler location on your transmission and connect the Drain Attachment to the the transmission, screwing it in hand-tight.
5. Slide the Clear PVC Hose through the pinch clamp, and slide both onto the Hose Barb of the Quick Disconnect/Drain Attachment Assembly
6. Connect the Air Compressor to the Industrial Air Hose Fitting/Main Body Assembly.

