

REMCO LUBE PUMP PACK

LP-HP005

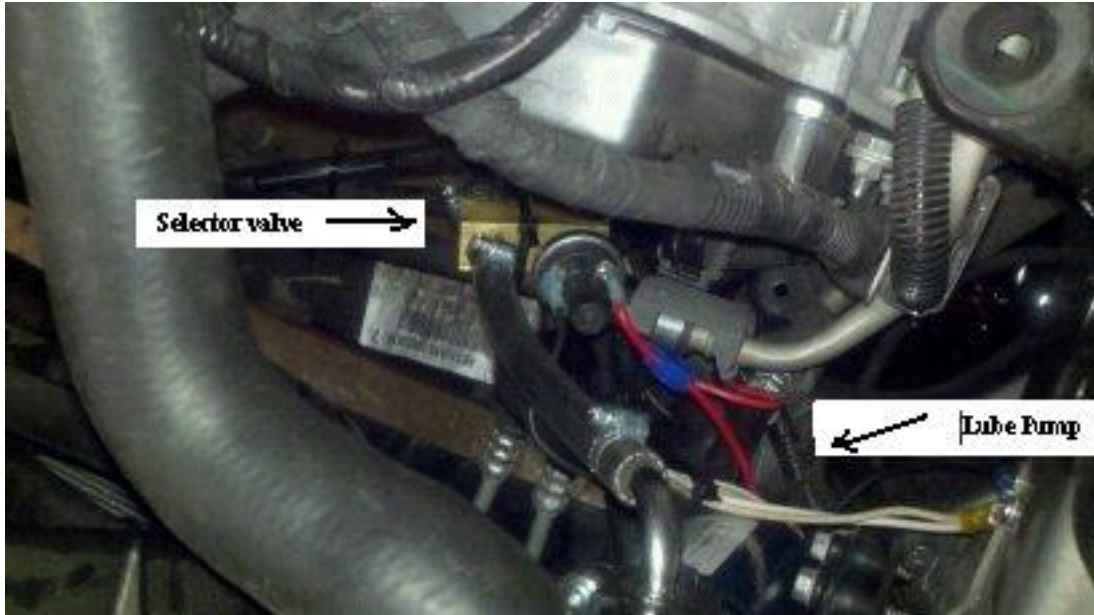
TO COMPLETE THE PLUMBING OF YOUR TRANSMISSION WITH THE LUBE PUMP KIT YOU WILL NEED TO LOCATE THE FOLLOWING ITEMS FROM YOUR BASE KIT (LP-BK001) AND USE THEM IN CONJUNCTION WITH THE LP-HP005 HARDWARE PACK TO COMPLETE THE INSTALLATION.

USE FOLLOWING PARTS FROM BASE KIT (LP-BK01)		
Part #	Description	Quantity
11010046	PUMP ASSEMBLY	1
11010047	LP, PUMP MOUNT BRACKET ASSEMBLY	1
40010019	3/8" HOSE	16'
USE FOLLOWING PARTS FROM HARDWARE PACK (LP-HP005)		
Part #	Description	Quantity
11010049	LP, PRESSURE PORT & SUMP FITTING	1
11010007-38	LP, SELECTOR VALVE, 3/8" COOLER/TRANS FITTINGS	1
11010041	WHITE SEALANT ASSEMBLY	1
Tech Note:	Transmission Fluid Level and Condition Check	
40010153	LP-6F35 FORD TECH NOTE	1

**AFTER INSTALLING THIS LUBE PUMP AND PLUMBING,
FIND THE WIRING INSTRUCTIONS IN THE
GENERAL INFORMATION & MOTORCOACH WIRING
(LP-BK01) INSTRUCTION MANUAL**

SELECTOR VALVE INSTALLATION

ON A FORD FUSION EXISTING AIR BOXES MUST BE MOVED TO GAIN CLEARANCE TO MOUNT THE LUBE PUMP ON THE FRAME NEAR THE VEHICLE COOLER.
REPLACE AIR BOXES AFTER PUMP INSTALLATION IS COMPLETE.



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The selector valve is installed into the existing transmission/cooler lubrication line, which carries the fluid from the transmission to the vehicle (cooler). A second line (hose) normally runs alongside this line to carry the fluid from the cooler back to the transmission.

NOTE 1: Refer to the **DIAGRAM**, page 5.

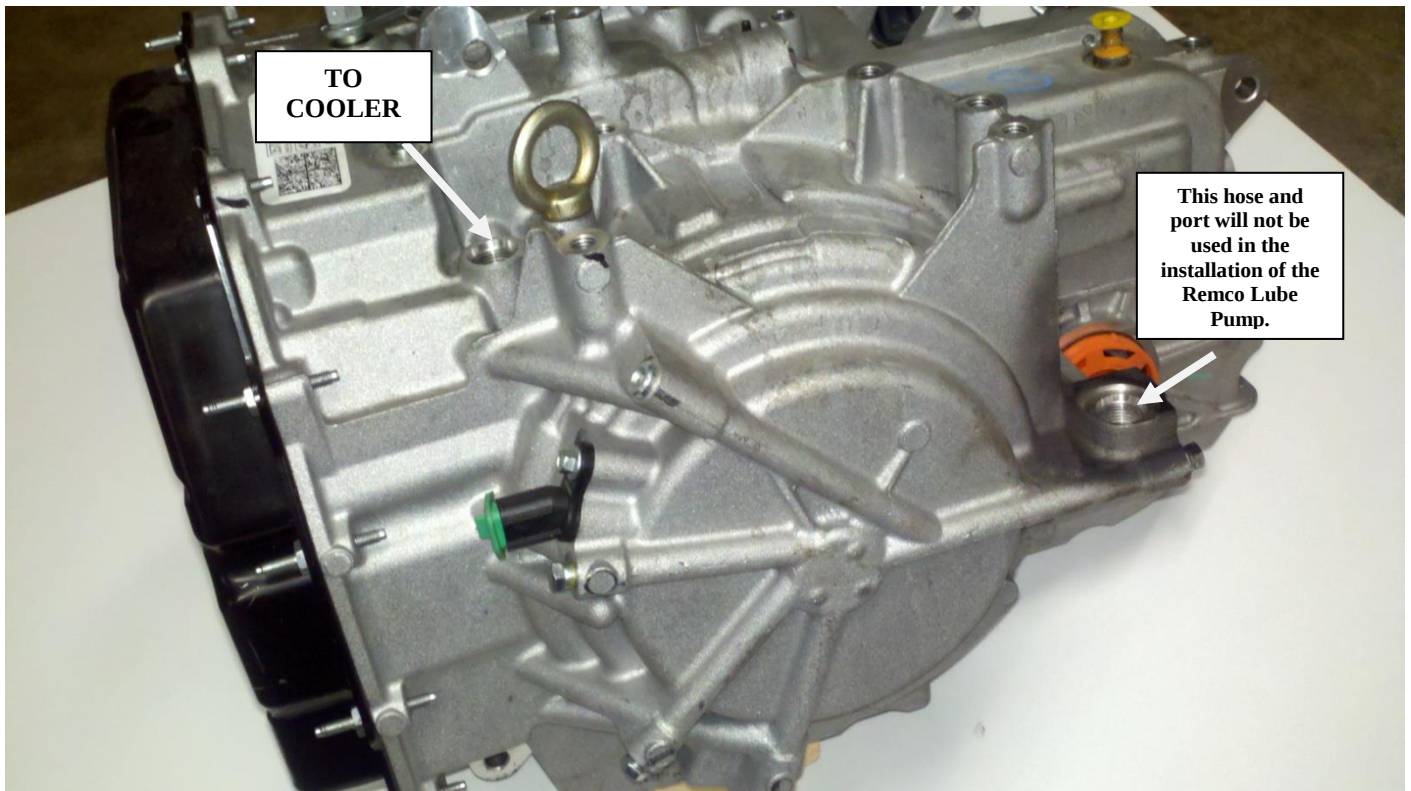
NOTE 2: Some orderly planning should be given to the location of the selector valve. Consider the following:

1. The selector valve can be mounted to the hoses shown above (located on the driver's side of the vehicle cooler).

NOTE 3: Make sure the hoses will not be damaged by road hazards, other moving parts, sharp edges, or hot exhaust parts. The valve can be secured by using plastic ties included in the kit. Also, hoses should not be bent too sharply causing a restriction in the fluid flow.

WARNING: THE SELECTOR VALVE MUST BE CONNECTED INTO THE HOSE, WHICH CARRIES THE TRANSMISSION FLUID FROM THE TRANSMISSION TO THE COOLER WHEN THE VEHICLE'S ENGINE IS RUNNING AND THE TRANSMISSION IN NEUTRAL (N).

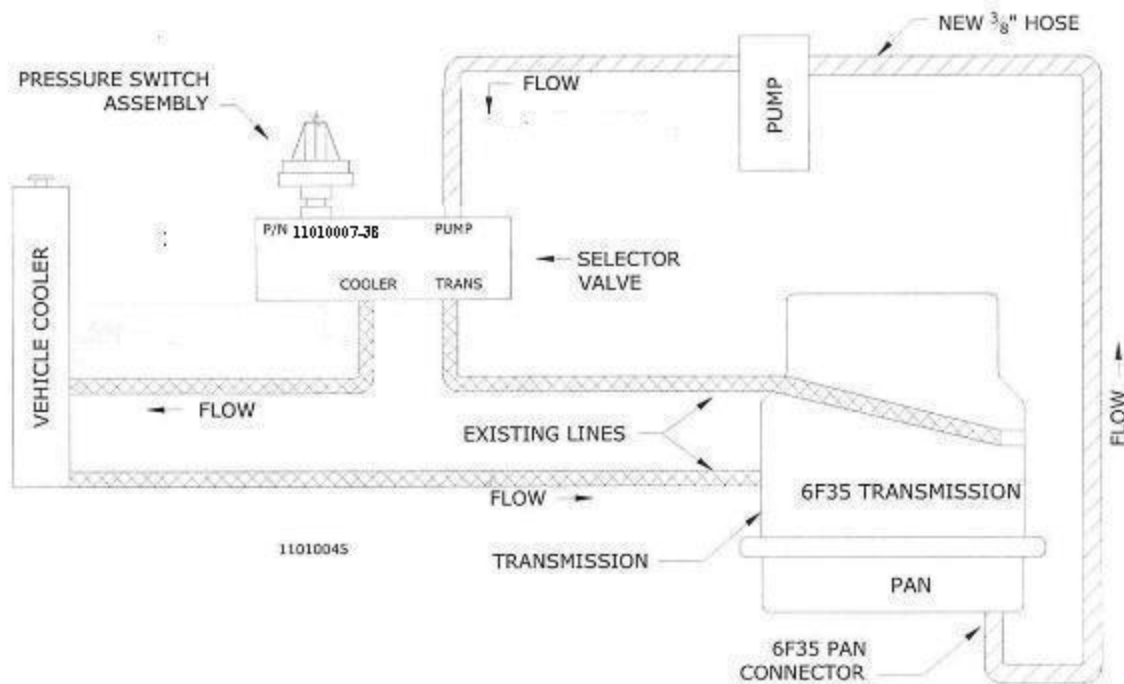
TO SEE WHICH HOSE TO SELECT SEE PICTURE ON NEXT PAGE:



CONNECTING THE PROPER HOSE TO THE SELECTOR-VALVE

1. Determine the appropriate length of hose for selector valve before cutting any factory hose.
2. Using one of the hose clamps, connect the rubber transmission hose coming from the transmission port (labeled **“TO COOLER”** above) to the **“Trans”** connection of the REMCO-selector valve.
3. Using one of the hose clamps, connect the rubber hose coming from the vehicle cooler to the **“cooler”** connection of the REMCO-selector valve.

The **“PUMP”** connection of the selector valve will later be connected to the pump.



LUBE PUMP INSTALLATION

WARNING: **Failure to follow the procedures listed below will void the warranty on your pump.**

Included in this kit is a pump mounting bracket assembly (p/n 11010047). However you may want to mount the pump on the frame just behind the cooler on the driver's side. The Fusion is packed pretty tight but it should fit as indicated in the picture on page.

INSTALLATION: (Refer to **DIAGRAM**, Above)

NOTE 3: When routing the 3/8" hose to the pump, selector valve and **LP, Pressure Port and Sump fitting**, be sure to route them where road hazards, other moving parts, sharp edges, or hot exhaust parts will not damage them.

Step 2. Using a suitable length of 3/8" hose and one of the hose clamps (provided), connect one end of the hose to the **output side** of the pump.

Step 3. Route the other end of the 3/8" hose to the selector valve and connect it to the **"PUMP"** connection of the selector valve.

WARNING: **THE LINE FROM THE PUMP MUST BE CONNECTED TO THE "PUMP" CONNECTION ON THE VALVE.**

- Step 4. Using one of the hose clamps (provided), connect one end of the 8-ft. length of the 3/8" hose to the **input side** of the lube pump. Carefully route the 3/8" hose to the **LP, Pressure Port and Sump fitting (p/n 11010049)** on the transmission sump. Cut the hose to a suitable length. **SEE PICTURE BELOW.**
- Step 5. Using one of the hose clamps connect the 3/8" hose to the **LP, Pressure Port and Sump fitting**. Make sure hose clamps are securely tightened on all connections.
- Step 6. When all connections are complete and all hose clamps securely tightened, refill the transmission with new transmission fluid through the filler tube. Consult the **Tech Note**, on page 7-8, for the proper type fluid to use and for the recommended procedures to make sure the proper fluid level is restored. Proper fluid level is essential for trouble-free operation of the transmission as well as the lube pump. **THE TRANSMISSION FLUID LEVEL MUST BE RE-CHECKED, AFTER INSTALLATION, WHEN THE VEHICLE IS SAFE TO RUN.**

INSTALLATION OF THE SUMP CONNECTOR:



NOTE 1: Transmission fluid becomes contaminated during usage, and therefore should not be re-used after it is drained from the sump.

NOTE 2: Dispose of used transmission fluid properly.

6F35 TRANSMISSION—RECREATIONAL TOWING— WITH ALL 4 WHEELS ON THE GROUND—EXPANDED GUIDELINES TO PREVENT TRANSMISSION DAMAGE

TSB 11-7-15

FORD:

2010-2012 Fusion
2009-2012 Escape

MERCURY:

2010-2011 Milan
2009-2011 Mariner

This article supersedes TSB 09-20-13 to update the vehicle model years Service Guidelines.

ISSUE

Some 2009-2012 Escape, 2009-2011 Mariner, 2010-2012 Fusion 2010-2011 Milan vehicles equipped with a 6F35 automatic transmission, may experience transmission shift concerns after towing the vehicle with all 4 wheels on the ground (flat tow) such as behind a motor home or a truck. The transmission shift concern may be caused by heat build up in the transmission due to the transmission fluid level being too high, towing speeds above 105 Km/h (65 MPH) and/or not stopping to run the engine at idle for 5 minutes every six hours or less, to cool the transmission.

ACTION

Follow the Service Guideline steps to correct the condition.

SERVICE GUIDELINE

There are specific instructions listed in the Owner Guide that must be followed to recreational tow/flat tow a vehicle with all 4 tires on the ground. Advise customers of the following expanded recreational towing guidelines.

1. Transmission fluid level must be checked at operating temperature of 85 °C - 93 °C (185 °F - 200 °F), per Workshop Manual (WSM), Section 307-01. At this temperature, adjust fluid level to the flat tow area on the dipstick . This level is within the safe operating fluid level and does not require the customer to have the fluid level readjusted after flat tow operation. (Figure 1)

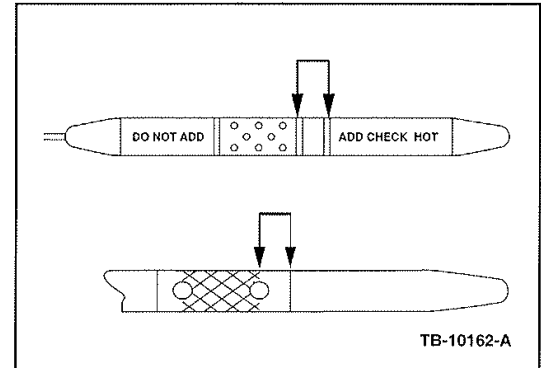


Figure 1 - Article 11-7-15

2. Tow the vehicle in a forward direction.
3. Maximum towing speed is 105 Km/h (65 MPH).
4. Do not flat tow the vehicle for greater than 6 hours at a time.
5. Start and run the engine for:
 - a. 5 minutes before towing each day.
 - b. 5 minutes every 6 hours or less.
 - c. 5 minutes at idle with foot on the brake while shifting through all gears.

These guidelines are designed to prevent damage to the transmission due to overheating.

There are two different dipstick designs, one is a flat blade, the other is wire with a bullet end. The wire-with-bullet end has a different filler tube vent design. Both dipsticks are capable of giving a correct fluid setting but the dipsticks are not interchangeable. The wire dipstick is sold in a kit with the filler tube and both parts must be used if a new dipstick or filler tube is required.

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

TSB 11-7-15 (Continued)

If setting the fluid level for a customer that will be recreational flat towing the vehicle, set the level between minimum line and the minimum hole at the bottom of the hash marks on a blade type dipstick or in the Flat Tow area below the hash marks of the bullet-on-a-wire type dipstick per WSM, Section 307-01. (Figure 1)

NOTE

THERE IS A SIGNIFICANT DIFFERENCE IN TRANSMISSION DIPSTICK READINGS BETWEEN A COLD TRANSMISSION AND A TRANSMISSION AT OPERATING TEMPERATURE. FAILURE TO CHECK TRANS FLUID LEVEL AT TRANS OPERATING TEMPERATURE, PER WSM SECTION 307-01 MAY RESULT IN DAMAGE TO THE TRANSMISSION.

If the vehicle is a 2009 Escape or Mariner and built on or before 10/28/2008 the dipstick does not have Minimum - Maximum lines outside of hash marks, then replace dipstick and filler tube with the new design level service kit. Both the filler tube and dipstick must be replaced.

For customers that do not comply with the Flat Tow guidelines, Ford Motor Company is aware of an accessory cooling pump available from Remco Industries that a customer can purchase and have installed. This pump may provide an alternative to the Owner Guide Flat Tow guidelines by circulating transmission fluid during towing operations; however, Ford Motor Company does not warrant this aftermarket product. Further, the use of an aftermarket product may void your Ford Motor Company warranty coverage if this product results in damage to the vehicle. Ford Motor Company continues to recommend that customers follow the Owner Guide Flat Tow guidelines

PART NUMBER	PART NAME
AE5Z-7A020-C	Dipstick Fusion/Milan 2.5L
AE5Z-7A020-D	Dipstick Fusion/Milan 3.0L
AL8Z-7A020-A	Dipstick Escape/Mariner

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

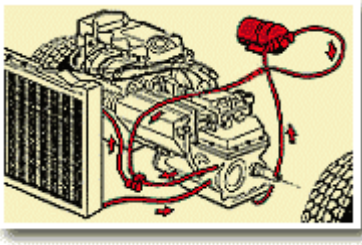
DEALER CODING

BASIC PART NO.
7A020

CONDITION
CODE
42

Notes:

REMCO HAS THESE PRODUCTS FOR YOUR TOWING CONVENIENCE



REMCO'S Lube-Pump lubricates and cools the Front Wheel Drive, Select rear Wheel Drive, Four-Wheel Drive, and All Wheel Drive vehicles while towing.



REMCO'S Tail Light Wiring Kit is for easy hook up of your tail lights and turn signals for towing.



REMCO'S 12-Volt (DC) RV Water System Pumps

REMCO
The Towing Experts

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