



# INSTALLATION INSTRUCTIONS TRANSMISSION COOLING PAN PART # 14207

Please read these instructions completely before beginning installation

### KIT CONTENTS

QTY.	DESCRIPTION	QTY.	DESCRIPTION
1	Transmission Pan	1	Rubber/Steel Washer
1	Pan Gasket	1	1/8" NPT Plug
1	Magnetic Drain Plug		

### TOOLS NEEDED

3/8" drive Ratchet	Teflon Tape
3/8" drive extension	
3/8" drive Socket Set	
Gasket Scraper	

### IMPORTANT

Always refer to the vehicles owner's manual or shop manual for proper vehicle transmission fluid requirements.

This instruction is intended to assist in installing Derales part number 14207 to a GM 4L80E transmission. After Transmission Cooling Pan installation there will be approximately 4 quart 16 ounces extra fluid capacity.

### REMOVING STOCK PAN

1. Drain the transmission fluid (some factory pans do not have drain plugs).
2. Remove all of the bolts mounting the pan to the transmission flange.
3. Remove the stock transmission pan.

**Note:** On some late model vehicles a Rubber/Steel pan gasket comes from the factory on the transmission. This gasket can be reused on the new pan if desired. Be careful during the removal of the pan, assuring that it does not get damaged.

4. Clean the mounting surface on the transmission. Remove any old gasket material with a gasket scraper being careful not to gouge the aluminum.

### INSTALLING DERALES COOLING PAN

1. Install the drain plug and rubber/steel washer onto the bottom of the pan making sure it's sealed tight.
2. Install the 1/8" NPT plug or temperature sending unit (not supplied) using Teflon tape or other suitable sealant.
3. If using the Derales gasket, apply a thin coat of Gasgacinch or other suitable gasket sealer to the side of the gasket that will apply to the pan. Sealant should not be required on the transmission side.
4. Apply the gasket to the mounting surface of the pan.
5. Raise the pan up against the transmission and thread the mounting bolts in by hand starting with the opposing corners until all are installed.
6. Using a ratchet, extension, and socket tighten the bolts to the factory torque specs working in an opposing pattern until all are secure.

**Note:** Be sure not to over tighten bolts as the transmission is aluminum and can be easily stripped out if excessive force is applied.

7. Refill the transmission fluid by first adding fluid to the proper dipstick level. Then start the vehicle, shift through the gears a few times. Check the fluid level as instructed in owners manual. Now check the dipstick again. Add fluid as needed.
8. Quickly check for any leaks around the mounting surface or plug holes.
9. Drive the vehicle for a short distance, making sure the transmission is warm and recheck fluid level. Add fluid as needed.

