

PRODUCT ADVANTAGES

1. FAA accepted. No STC required.
2. Easy installation, applied directly on the bottom or side of oil sump.
3. Reduces engine wear. Allows easy flow of engine oil to vital components in extreme sub-zero weather.
4. No cutting of hoses, removing of cylinder probes.
5. Heats 12 quarts of oil from -40°F to +60°F in 1 hour.
6. Uses less than 300 watts, compared to many engine heaters that use 800-1600 watts.
7. Heats entire engine in about 4 hours.
8. Thermostatically controlled to monitor engine oil temperature (cycles at 165°F).
9. No danger of oil carbonization.
10. Thin, flexible pad easily contours to virtually any size oil pan.
11. Permanent. Once applied, unit need not be removed.

INSTALLATION INSTRUCTIONS for Models 270 - 360 - 440 - 441 - 442 - 540 - 441/220 & 540/220 Aircraft Engine Heaters

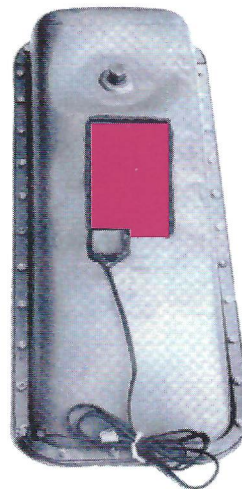
1. Run engine up before installation, this heats engine up so pressure sensitive adhesive will function properly during installation. Oil sump needs to be 70°F or above.
2. Using a degreasing solvent (lacquer thinner), clean bottom of oil sump so **all paint, grease and oil contaminants are removed from area where pad is to be positioned.** **INSTALLATION TIP:** First go over with sand paper or steel wool to remove residue or any buildups.
3. If any embossed numbers are present where pad is to be positioned, file these numbers flush with bottom of sump.
4. Remove paper from backside of heater pad and press pad on bottom part of oil sump where cleaned. **NOTE: Application to side of sump is acceptable when oil level is above heating pad. Do NOT use the RTV under the pad. It only goes around the edges, after it is adhered to sump.**
5. Using squeegee provided, squeeze **ALL** air from between oil sump and heating pad.
6. After all air is removed, apply pressure on pad for at least 15 minutes to achieve maximum bonding strength. **(THIS IS IMPORTANT.)**
7. After pressure is removed, apply a sealing bead of high temperature silicone RTV sealant all around outside edge of heating pad.
8. Allow 24 hours of curing time before use.

DO NOT CUT OR TRIM PAD.

- Model 270** - 3¼" x 4½" x 1/32" pad
Model 360 - 5" dia. circle x 1/32" pad
Model 440 - 3¾" x 4½" x 1/32" pad
Model 441 - 3¾" x 5" x 1/32" pad
Model 442 - 2¼" x 13" x 1/32" pad
Model 540 - 2 pads

- (1) 3¼" x 4½" x 1/32"
(2) 3" x 4" x 1/32"

CAUTION: DO NOT plug engine heater in before installation. Damage to heater will occur.



EASY INSTALLATION

TERMS OF LIMITED WARRANTY

All E-Z Heat Engine Heaters are warranted for three years from date of sale to the original consumer against defects in workmanship and materials. The manufacturer's only obligation shall be to repair or replace at the manufacturer's option the product provided it is returned transportation prepaid to the factory within three years from date of sale to the original consumer. Defects or failures due to incorrect installation, improper voltage, improper usage or handling, or by any other conditions beyond our control, as to any and all of which the manufacturer will be sole judge, are specifically excluded from this warranty. This warranty gives you specific legal rights. You may also have implied warranty rights which vary from state to state. No other liability of any kind, arising from the use of the product, whether defective or not, is assumed.