

#32205 AUTO DAMPER REPAIR KIT

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AUTO DAMPER REPAIR KIT #32205

INSTALLATION INSTRUCTIONS

CAUTION: MAKE SURE FURNACE IS IN A COOL MODE BEFORE INSTALLATION.

1. Remove the four screws that hold the auto damper assembly onto the front of furnace (retain screws).
2. Disconnect the bead chain from old coil spring.
3. Remove old plastic knob, shaft and nut assembly from auto damper (reference parts placement order).
4. Place new Auto Damper label on mounting plate, if needed.
5. Install new nut assembly (3-piece panel bearing shaft lock assembly):
 - a) Install panel mount bearing (3A) from outside of damper inward.
 - b) Place thin bearing nut (3C) onto panel mount bearing from the inside. Hold bearing nut securely on panel mount bearing using a 7/16" open-end wrench. Tighten bearing nut with a 1/2" open-end wrench.
It is very important that panel mount bearing and bearing nut are tightened securely.
 - c) Install tension control nut (3B) onto panel mount bearing from the inside, securing finger tight.
6. Insert shaft (with bi-metal spring (2) attached) through panel mount bearing from the inside. **(Spring is mounted on shaft with coils wrapped in clockwise direction when viewed from inside of auto damper).**
7. Rotate shaft and spring until **spring arm is in 10 o'clock position*** when viewed from **front** of damper.
8. Install plastic knob (1) and flat washer (4) on shaft securely. Using a 5/64" Allen wrench, tighten knob onto shaft with set screw located on knob bottom.
NOTE: Make sure knob is in 12 o'clock position when viewing from front of auto damper.
It is very important that knob & spring arm are correctly oriented to each other.*
 - a) Adjust knob tension by turning the tension control nut counter-clockwise while turning the knob by hand.
There should be enough knob tension so that it holds its position when released.
Do not over-tighten tension control nut or knob will slip on shaft.
9. Insert bead chain into spring arm hole from the bottom up, leading with the small bead end. Attach one bead connector to top bead at point above spring arm. (Do not connect other bead connector at this point).
10. Position auto damper at front of furnace (do not install)
11. Drop bead chain through draft door hole. Attach last bead chain connector to bottom bead.
12. Reinstall auto damper assembly to front of furnace using the four screws that were removed in Step 1.

*** Proper alignment of knob and spring is critical to safe operation and product performance.**

PARTS LIST			
KEY#	DESCRIPTION	PART #	QUANTITY
1.	PLASTIC KNOB w/set screw	62630003	1
2.	2" SHAFT w/BI-METAL SPRING ATTACHED	57630008/ 62630006	1
3.	PANEL BEARING SHAFT LOCK ASSEMBLY [3 pieces] 3A: Panel mount bearing; 3B: Tension Control Nut; 3C: Bearing nut (thin)	62630009	1
4.	FLAT WASHER for plastic knob	FW14SAE	1
5.	BEAD CHAIN	62630004	1
6.	BEAD CHAIN CONNECTORS	62630005	3
7.	AUTO DAMPER ID LABEL	65690001	1
8.	PLASTIC BAG 6 X 10	69660027	1
9.	INSTRUCTION MANUAL (2 pages) F/B		1

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