RE4F04A-HD2 *Reprogramming Kit*[™]

NISSAN Maxima-Altima 92-99 Quest 92-02 MERCURY Villager 4F2OE 92-02 Infinity i30 95-99

Corrects/Reduces/Prevents

No 3rd after a 3-2 or 4-2 kickdown. Direct clutch (3rd) inner seal leaks, wears or opens up, etc. Corrects Soft 1-2. Long 2-3 at heavy throttle. Firmer 4th & Lockup. Nissan never shifted this good, until now.



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This Kit is about: Rough 2nd cold. No 3rd after a 3-2 or 4-2 kickdown. Direct clutch (**3rd**) inner seal **leaks**, wears or opens up, etc. Corrects Hard and Soft 1-2. Long 2-3 heavy throttle. Firmer 4th and Lockup.

Use a skinny punch from other side of VB to *push* accum valve out of bore.



LISTEN UP: If trans is out of vehicle do page 7 first.

Step 1. Remove Retainers. With sand paper smooth the small burr where the retainer was against bore.

Step 2. Insert **Flat Bent Pry** between the end plug & accum piston. Push piston inward *away* from the end plug far enough to insert the stem end of eyelet pry.

Retainer

Step 3. With **Eyelet Pry** *push* the end plug *GENTLY* in various spots to remove it. Then remove 2nd accum piston, spring & washer on **Page 2**.

Then *push* accum valve and end plug from this side of VB with a thin punch.

Flat Bent Pry

Stem

Eyelet Pry

Upper Valve Body

Nissan never shifted this good, until now.

Step 1. Remove the accum valve. Chamfer partition as shown at bottom of page. Clean the bore. Reinstall valve. Install the WHITE spring, end plug and retainer.

Retainer

Here's how to fix it:

By HAND, make a slight chamfer in valve bore at "C" using a *sharp* 7/16" or 15/32" drill.

C) Checkballs:

Five Steel .214 to .218 Don't use plastic balls. Use some **Vaseline** to keep the checkballs in place **NOT** grease.

Step 2. 2nd Accumulator Install Three NEW springs.

Install accum valve first. Then install the flat washer on the **stem** of accum valve. from this side. Then install the remaining parts as shown below.

You're going to love 1-2 shifts.



Upper Valve Body

Upper Separator Plate





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Main Separator Plate









Hi-Temp Low-Shrink Rings

If trans is in vehicle skip this page.

2. Reverse Rings

Fill grooves with Trans Jel or Vaseline. Install Expander Wires, then two Rings.

LISTEN UP:

Expander Wires

Pat Pending

1. Forward & Lube Rings

Use Trans Jel and **GENTLY** push rings down into grooves. Ends of rings should just touch or have small gap. If pushed together FIRMLY they BIND in groove & WON'T SEAL.







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