

05 Mercedes E320 211.065

R&I New Up/Down Tilt Dogbone

By Wabenzer

Parts

1. Dogbone – New flexible rubber/nylon replacement tilt motor drive.

Tools

1. Get some cushions – Mostly you'll be on your back with your feet over the headrest
2. Lights – Magnetic attaching or hanging
3. Ratchet – ¼" drive - Short & Sockets with 1" & 2" extensions
4. Screwdriver – Large flat
5. Channel locks – Small
6. Drill motor – 3/8" chuck
7. Hex wrench – 4" long with no bends
8. Flatbar – Thin, narrow or Special trim tool.

Prep Area

1. Adjust driver seat completely down and rearward
2. Recline back to suit.

Gain Access

1. Remove Reed & Prince screw holding hood release pad
2. Remove plastic fastener gently with flatbar
3. Remove torx screws (3-4) holding cover
4. Lower cover remove electronics plugs, lamp & hood release cable
5. Remove cover and set aside.

Repair

1. Pinch & pull fwd black & white motor power plugs
 2. Grasp (or pliers) to gently rock plug support fore/aft pulling down to remove it from column housing and tie plug mates aside
 3. Work old Dogbone off motor and driven splined shafts using screwdriver and pliers
 4. Fit (don't force) gently one end of hex wrench partially into new part end so it barely turns with other end in drill motor
 5. Fit new part end onto driven spline and spin the column all the way down
 6. Fit part fully onto driven spline, compressing it enough to then slide part over drive spline
 7. Test operation
 8. Lube where indicated
 9. Reverse disassembly steps torquing to specs where applicable.
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