

Creaking noise when adjusting electrical steering column

| | |
|-------------------|---|
| Topic number | LI46.15-P-058505 |
| Version | 2 |
| Design group | 46.15 Steering column adjustment |
| Date | 06-30-2014 |
| Validity | Model 166, 172, 197, 204, 207, 212, 218 |
| Reason for change | Validity extended to GLK (204) |
| Reason for block | |

Complaint:

Creaking noise when making height or longitudinal adjustment to electrical steering column.

| Attachments | |
|-------------|------------------------------|
| File | Description |
| Noise.mp3 | Sound recording of complaint |

Cause:

Lack of lubrication.

Remedy:

1. Remove steering wheel.
2. Remove steering column tube switch module (N80).
3. Lubricate thrust piece of steering column. To do so, apply plenty of special oil/all-purpose oil (A0009898401) to area marked in red
(see Attachment). If necessary, remove any excess oil using a rag.
4. Install steering column tube switch module (N80).
5. To distribute the oil or for noise test, turn steering column through complete adjustment range several times.

Note: If the noise persists, repeat operation step 3.

| Attachments | |
|----------------------|---------------------|
| File | Description |
| Work instruction.pdf | Oil area for remedy |

| Symptoms |
|--|
| Chassis/suspension / Steering system / Steering column adjustment / Does not adjust longitudinally |
| Chassis/suspension / Steering system / Steering column adjustment / Does not adjust in height |
| Chassis/suspension / Steering system / Steering column adjustment / Clattering |
| Chassis/suspension / Steering system / Steering column adjustment / Adjusts without obvious cause |
| Chassis/suspension / Steering system / Steering column adjustment / Knocking |

| Parts |
|-------|
| |

| Part number | ES1 | ES2 | Designation | Quantity | Note | EPC | Other make part |
|-------------|-----|-----|-----------------------------|----------|------|-----|-----------------|
| A0009898401 | | | Special oil/all-purpose oil | | | | X |

| Work units | | | | |
|------------|--|------|-------------|--|
| Op. no. | Operation text | Time | Damage code | Note |
| | | | 46240 36 | Electrically adjustable steering column tube / noise |
| 54-7989 | GROUND LINE OF BATTERY UNSCREW/SCREW ON | | | |
| 46-7681 | STEERING JACKET SWITCH MODULE REPLACE | | | |
| 94-1010 | NOISES,SOURCE....LOCATE AND ELIMINATE REMEDY.. | | | |

| Validity | | |
|----------|--------|--------------|
| Vehicle | Engine | Transmission |
| 166.823 | * | * |
| 166.824 | * | * |
| 166.856 | * | * |
| 166.872 | * | * |
| 166.873 | * | * |
| 166.874 | * | * |
| 207.302 | * | * |
| 207.303 | * | * |
| 207.322 | * | * |
| 207.323 | * | * |
| 207.326 | * | * |
| 207.334 | * | * |
| 207.336 | * | * |
| 207.347 | * | * |
| 207.348 | * | * |
| 207.355 | * | * |
| 207.356 | * | * |
| 207.357 | * | * |
| 207.359 | * | * |
| 207.362 | * | * |
| 207.365 | * | * |
| 207.372 | * | * |

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|---------|---|---|
| 207.373 | * | * |
| 207.388 | * | * |
| 207.402 | * | * |
| 207.403 | * | * |
| 207.422 | * | * |
| 207.423 | * | * |
| 207.426 | * | * |
| 207.434 | * | * |
| 207.436 | * | * |
| 207.447 | * | * |
| 207.448 | * | * |
| 207.455 | * | * |
| 207.456 | * | * |
| 207.457 | * | * |
| 207.459 | * | * |
| 207.462 | * | * |
| 207.465 | * | * |
| 207.472 | * | * |
| 207.473 | * | * |
| 212.001 | * | * |
| 212.002 | * | * |
| 212.003 | * | * |
| 212.004 | * | * |
| 212.005 | * | * |
| 212.020 | * | * |
| 212.021 | * | * |
| 212.023 | * | * |
| 212.024 | * | * |
| 212.025 | * | * |
| 212.026 | * | * |
| 212.027 | * | * |
| 212.034 | * | * |
| 212.035 | * | * |
| 212.036 | * | * |
| 212.040 | * | * |
| 212.041 | * | * |
| 212.047 | * | * |
| 212.048 | * | * |
| 212.052 | * | * |
| 212.053 | * | * |
| 212.054 | * | * |
| 212.055 | * | * |
| 212.056 | * | * |

| | | |
|---------|---|---|
| 212.057 | * | * |
| 212.059 | * | * |
| 212.065 | * | * |
| 212.067 | * | * |
| 212.072 | * | * |
| 212.073 | * | * |
| 212.074 | * | * |
| 212.075 | * | * |
| 212.076 | * | * |
| 212.077 | * | * |
| 212.080 | * | * |
| 212.082 | * | * |
| 212.087 | * | * |
| 212.088 | * | * |
| 212.089 | * | * |
| 212.090 | * | * |
| 212.091 | * | * |
| 212.092 | * | * |
| 212.093 | * | * |
| 212.094 | * | * |
| 212.095 | * | * |
| 212.097 | * | * |
| 212.098 | * | * |
| 212.134 | * | * |
| 212.136 | * | * |
| 212.147 | * | * |
| 212.148 | * | * |
| 212.154 | * | * |
| 212.162 | * | * |
| 212.165 | * | * |
| 212.167 | * | * |
| 212.168 | * | * |
| 212.195 | * | * |
| 212.202 | * | * |
| 212.203 | * | * |
| 212.205 | * | * |
| 212.220 | * | * |
| 212.221 | * | * |
| 212.223 | * | * |
| 212.224 | * | * |
| 212.225 | * | * |
| 212.226 | * | * |
| 212.227 | * | * |

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|---------|---|---|
| 212.234 | * | * |
| 212.236 | * | * |
| 212.247 | * | * |
| 212.248 | * | * |
| 212.254 | * | * |
| 212.255 | * | * |
| 212.256 | * | * |
| 212.257 | * | * |
| 212.259 | * | * |
| 212.265 | * | * |
| 212.267 | * | * |
| 212.272 | * | * |
| 212.273 | * | * |
| 212.274 | * | * |
| 212.275 | * | * |
| 212.276 | * | * |
| 212.277 | * | * |
| 212.280 | * | * |
| 212.282 | * | * |
| 212.287 | * | * |
| 212.288 | * | * |
| 212.289 | * | * |
| 212.291 | * | * |
| 212.292 | * | * |
| 212.293 | * | * |
| 212.294 | * | * |
| 212.298 | * | * |
| 218.303 | * | * |
| 218.323 | * | * |
| 218.326 | * | * |
| 218.355 | * | * |
| 218.359 | * | * |
| 218.362 | * | * |
| 218.373 | * | * |
| 218.374 | * | * |
| 218.375 | * | * |
| 218.376 | * | * |
| 218.391 | * | * |
| 218.392 | * | * |
| 218.393 | * | * |
| 218.394 | * | * |
| 218.903 | * | * |
| 218.923 | * | * |

XENTRY

| | | |
|-----------|---|---|
| 218.959 | * | * |
| 218.973 | * | * |
| 218.974 | * | * |
| 218.975 | * | * |
| 218.976 | * | * |
| 218.991 | * | * |
| 218.992 | * | * |
| 218.993 | * | * |
| C (204) | * | * |
| GLK (204) | * | * |
| M (166) | * | * |
| SLK (172) | * | * |
| SLS (197) | * | * |