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|  Tesla, Inc. Service Bulletin | | <h2>Replace Brake Lines</h2> | |
| SB-26-33-001 May 8, 2026 | | R2 | |
| Classification Repair Bulletin | | Section/Group 33 - Brakes | Mobile Service Cannot Perform |
| Model Model 3 | | Model Year 2017–2023 Up to 7 years old | Country/Region Europe, Middle East, Africa, North America |
| | | Build Location All | |
| <small>The model(s) and model year(s) listed are a general approximation of the affected VIN list. Refer to the VIN/Bulletin Tracker or Customer/Vehicle profile to determine applicability of this bulletin for a particular vehicle.</small> | | | |

Repair Bulletin: This repair bulletin provides instructions on addressing a possible customer concern regarding the operation of Tesla vehicles. These instructions should only be performed by trained professionals.

This Service Document supersedes SB-26-33-001 R1, dated April 29, 2026. This new revision, R2, updates the Shop Supplies list and adds alignment instructions. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

Condition

On certain Model 3 vehicles, brake lines may be corroded beyond acceptable limits, which may result in loss of brake fluid. Loss of brake fluid will result in a customer facing alert if the fluid reaches the predetermined level to trigger an alert.

Correction

Upon customer complaint of a low brake fluid alert, evidence of a brake fluid leak, or a failed periodic roadworthiness inspection, inspect the brake lines. If corrosion is found on any of the brake lines, replace all brake lines on the vehicle with new corrosion-resistant parts, in one combined repair.

 **NOTE:** Due to dual redundancy, vehicle safety is not impacted by corrosion on the brake lines.

| Correction Description | Correction | Time |
|--|------------|-------|
| Replace Brake Lines and Perform Alignment Check | S012633001 | 11.35 |
| Replace Brake Lines and Perform Four Wheel Alignment | S022633001 | 11.85 |

| | Part Number | Description | Quantity | |
|-----------------------|----------------------|--|--|--|
| Parts Required | 1117669-00-A | BOLT,5LOBE,M6x19,[109],ZNNI,MAT,PTP,SEAL | 2 | |
| | 1467057-00-C | SEAL,PERIMETER,PENTHOUSE,MDL3 | 1 | |
| | 1461657-00-A | BOLT,HF,M14-2.0x120,[109],ZNFL,CMAT | 4 | |
| | 1523698-00-A | DKEPS,HX,M8-1.25,[9],G1009 | 2 | |
| | 1111033-00-E | BRACKET – PLASTIC | 2 | |
| | 1456640-00-A | DBL,HF,M14x120+M10x16,CMAT,[109],ZNFL | 2 | |
| | 1461654-00-A | BOLT,HF,M10-1.5x94,[109],ZNFL,CMAT | 2 | |
| | 1461643-00-A | BOLT,HF,M12-1.75x99,[109],ZNFL,CMAT | 2 | |
| | 1111151-00-A | BOLT,HF,M10-1.5x30,[109],ZNFL,SMAT | 2 | |
| | 1111145-00-A | NUT,HF,M10-1.5,[10],ZNNI,PTP | 2 | |
| | 1111543-00-A | NUT,HF,M12-1.75,[10],ZNNI,PTP | 2 | |
| | 1088969-00-B | BOLT,TE,M12-1.75x45,[109],G0110[B],SMAT | 8 | |
| | 1111154-00-B | BOLT,HF,M10-1.5x23,[109],ZNFL,SMAT | 4 | |
| | 1044711-00-E | PIPE ASSY,BRAKE MCYL TO HCU,LHD, PA COAT | 1 | |
| | 1044712-00-F | PIPE ASSY FR,BRAKE, MODEL 3, PA COAT | 1 | |
| | 1344713-00-A | PIPE ASSY,SIDE SILL BRAKE | 1 | |
| | 1344714-00-A | PIPE ASSY L,RR BRAKE | 1 | |
| | 1344715-00-A | PIPE ASSY R,RR BRAKE | 1 | |
| | Special Tools | 1081765-00-A | 3/4 TON UNDERHOIST STAND | |
| | | 1082344-47-A | 3/8-INCH SOCKET WRENCH TX SKTWRNCH-3/8IN-INTX-TX40 ZEBRA | |
| 1453419-00-A | | ADAPTER, LIFT PAD, MODEL 3 | | |
| 1020566-00-G | | ASY, BATTERY TABLE, MANUAL LIFT | | |
| 1108272-00-B | | CAP, LOGIC CONN, INV, 3DU | | |
| 1473522-00-A | | COOLANT DRAIN AND FILL ADAPTERS | | |
| 1705873-00-A | | DIGITAL MULTIMETER, 1000V RATED. | | |
| 1143990-00-A | | DRILL, 1/2" DR, CORDLESS, 18V | | |
| 1115247-01-A | | ELECTRONIC TEST LEAD, CAT IV 1000V | | |
| 1785249-00-A | | EXTENSION, 1/4" DR, 6", LOCKING, INSULATED | | |
| 1785289-00-A | | EXTENSION, 3/8" DR, 6", LOCKING, INSULATED | | |
| 1775170-00-A | | EXTENSION, IMPACT, 1/2" DR, 3" | | |
| 1129166-02-B | | HV BATTERY H-FRAME | | |
| 1076921-00-B | | INSULATION MULTIMETER; FLUKE 1507 | | |
| 1133787-00-A | | KEY, SEAT BELT RELEASE, MODEL 3 | | |
| 1134523-00-B | | KIT, ALIGNMENT RODS, BATTERY, M3/Y | | |
| 1065131-00-A | | KIT, BATTERY COOLANT DRAIN & FILL | | |
| 1135762-00-A | | KIT, SVC PLUG, COOLING HOSE, MODEL 3 | | |
| 1061177-00-C | | KIT, WIRE HARNESS REPAIR | | |
| 1140311-00-A | | LEVER LOCK, HV CONNECTOR, MODEL 3 | | |

| | |
|--------------|--|
| 1467483-00-B | M3/Y PENTHOUSE SERVICE INSULATOR KIT |
| 1080568-00-A | OIL COOLANT CATCHER |
| 1066521-00-A | OTC POWERTRAIN LIFT 1,650lb |
| 1059330-00-B | PENTHOUSE SOCKET, 1/4" DR, 5-LOBE, E-TORX MAG |
| 1139807-00-A | SKT, 1/2" DR, 20EP TORX PLUS EXTERNAL |
| 1451830-00-A | SKT, 1/4" DR, EP10, LOW PROFILE |
| 1115125-00-B | SKT, 1/4" DR, HEX BIT, T20 TORX |
| 1115127-00-B | SKT, 1/4" DR, HEX BIT, T30 TORX |
| 1057606-00-A | SKT, 1/4" SQ DR, 13MM, HV INSULATED |
| 1130479-00-A | SKT, 3/8" DR, 10EP TORX PLUS EXTERNAL |
| 1115096-00-B | SKT, 3/8" DR, DEEP, 16MM |
| 1115114-00-B | SKT, 3/8" DR, E10 TORX EXTERNAL |
| 1130480-02-B | SLIM TEST PROBES, CAT III 1000V |
| 1450524-00-A | SOCKET, 1/4" DR., DEEP, MAGNETIC, 10MM |
| 1115122-00-B | SOCKET INTERNAL TORX PLUS 3/8IN DR. T45 |
| 1099645-00-C | SUBFRAME FIXTURE |
| 1706552-00-A | TEST PROBE ADAPTER KIT |
| 1965119-00-A | TORQ WRNCH, DIG+ANG,1/4"DR, FIXHD, IMPACT |
| 1143988-00-A | TORQUE WRENCH, 1/4" DR. MICROMETER |
| 1965406-00-A | TORQUE WRENCH, DIGITAL+ANGLE, 3/8" DR, FLEX HEAD, 13.5~135Nm |
| 1050448-00-B | VACUUM REFILL TOOL |

Shop Supplies 000-0474-001 THREADLOCKER, LOCTITE 222, PURPLE

For North America:

| | |
|--------------|-------------------------------------|
| 1012820-00-A | COOLANT, ETHYLENE GLYCOL, 50/50 MIX |
| 1060099-00-A | BRAKE FLUID DOW |


For EMEA:

| | |
|--------------|--------------------------------------|
| 1119779-00-A | G48 COOLANT - 50/50 MIX |
| 1012041-10-C | BRAKE FLUID BASF HYDRAULAN 404 DOT 4 |

These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the [Parts Catalog](#).

Remove


1. Remove the high voltage (HV) battery (refer to Service Manual procedure [RWD, Dual Motor](#)).
2. Remove the front subframe assembly (refer to Service Manual procedure [RWD, Dual Motor](#)).
3. Remove the rear subframe assembly (refer to Service Manual procedure [30010201](#)).
4. Remove the LH sill brake lines (refer to Service Manual procedure [33035102](#)).
5. Remove the rear LH to sill brake line (refer to Service Manual procedure [33035202](#)).
6. Remove the rear RH to sill brake line (refer to Service Manual procedure [33035302](#)).
7. Remove the ABS to wheels 4 tube bundle (refer to Service Manual procedure [33033952](#)).

 **NOTE:** The Dual Motor procedure is also applicable to the RWD version, since the front subframe has already been removed.


8. Remove the master cylinder to ABS brake lines (refer to Service Manual procedure [33034002](#)).

Install


1. Install the master cylinder to ABS brake lines (refer Service Manual procedure [33034002](#)).

 **NOTE:** Only perform the installation steps required to install the brake lines on the ABS unit and the clip that attaches the brake lines to the unit. Do not perform the entire installation procedure.

2. Install the ABS to wheels 4 tube bundle brake lines (refer to Service Manual procedure [33033952](#)).

 **NOTE:** Only perform the installation steps required to install the brake lines and return to this document before the step that instructs to reinstall the battery bracket. Do not perform the entire installation procedure.

3. Install the shock tower brace and 12V/LV battery (refer to Service Manual procedure [10102212](#)).

 **NOTE:** Do not reconnect 12V/LV power at this point. Only perform the physical installation steps of the 12V/LV battery installation procedure).

4. Position the LH side sill brake lines (x2) to the vehicle, and then fasten the clips (x5) that attach the brake lines to the vehicle (Figure 1).

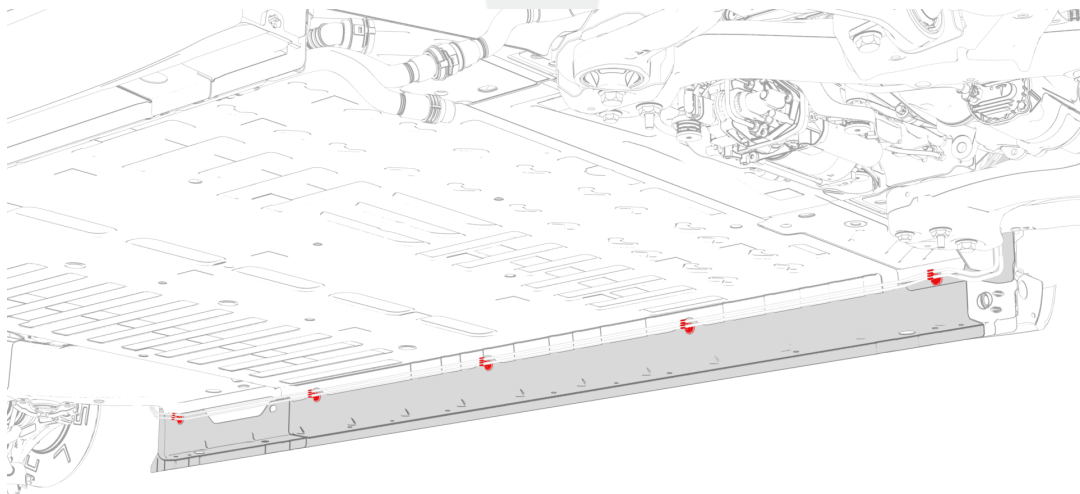



Figure 1

5. Insert the LH side sill brake lines (x2) into the LH rear brake junction block, and then install the clip that secures the brake lines at the junction block.

 **NOTE:** The brake lines will be torqued in the next steps.

6. Install the RH to sill brake line to the body, and then fasten the clips that attach the brake line to the body (Figures 2 and 3).

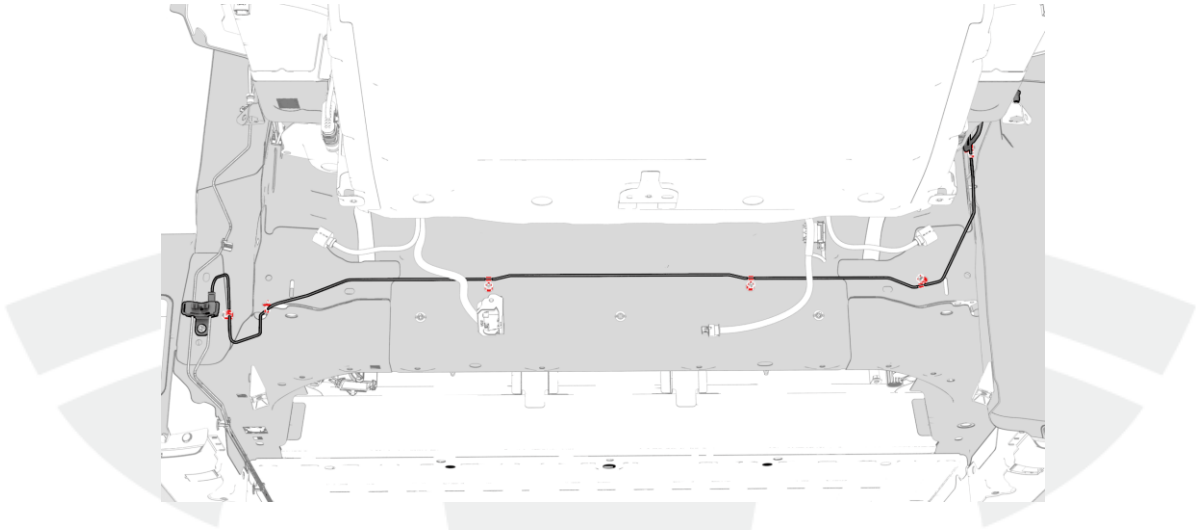


Figure 2

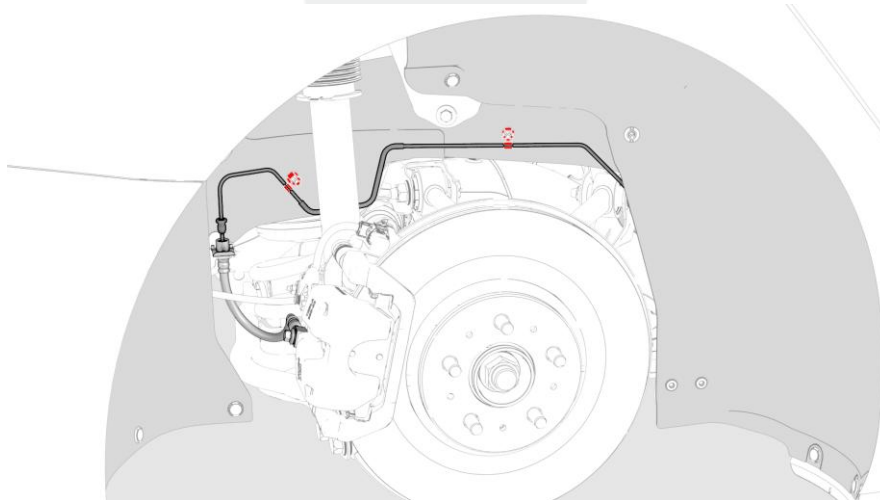


Figure 3

7. Insert the RH to sill brake line into the brake hose at the jounce hose bracket, and then use a crowfoot extension to install the brake line tube nut (12 mm, Torque 16 Nm) into the brake hose (Figure4).

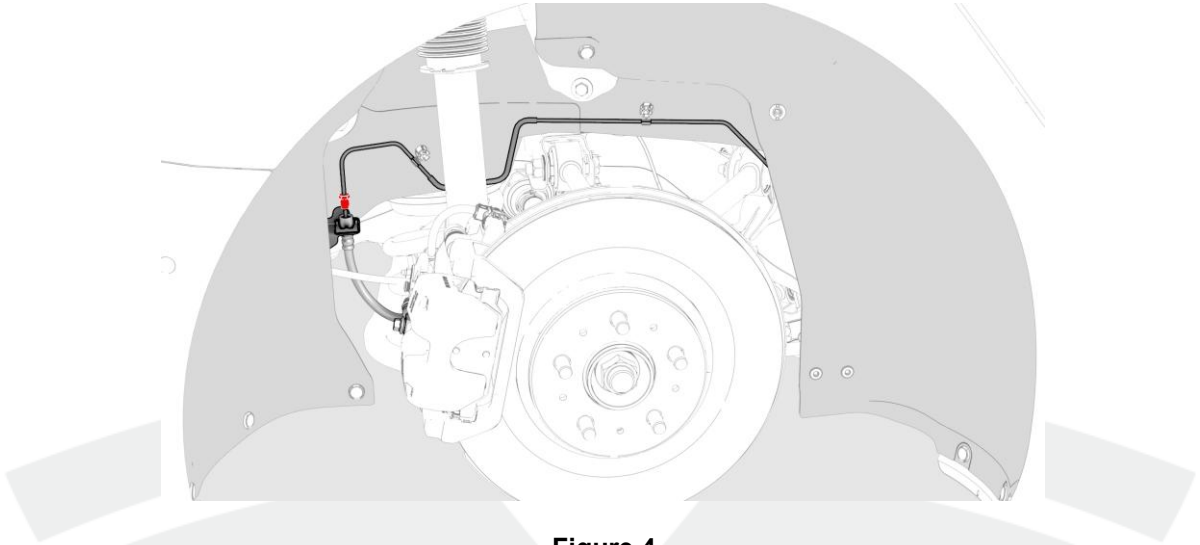


Figure 4

8. Install the LH to sill brake line to the body, and then fasten the clips that attach the brake line to the body (Figure 5).

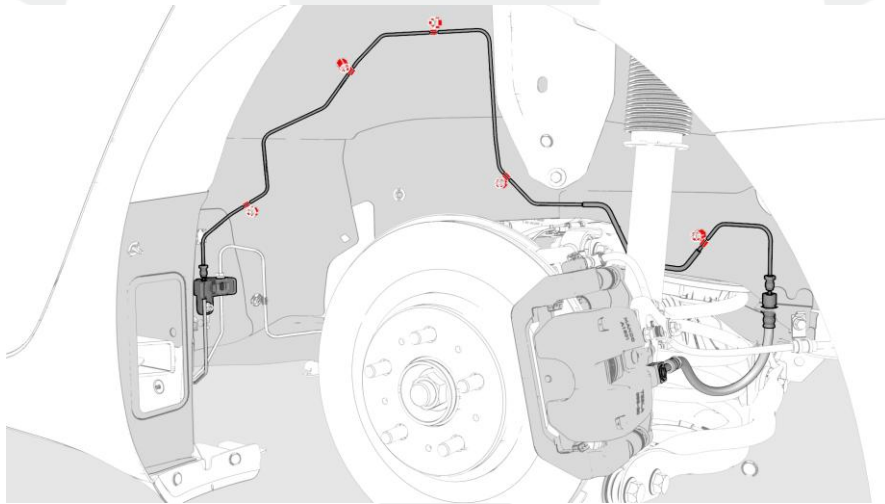


Figure 5

9. Repeat step 7 for the LH to sill brake line.

10. Insert the LH and RH to sill brake lines into the junction block, and then use a crowfoot extension to install the brake line tubes nut (12 mm, Torque 16 Nm) into the junction block (Figure 6).

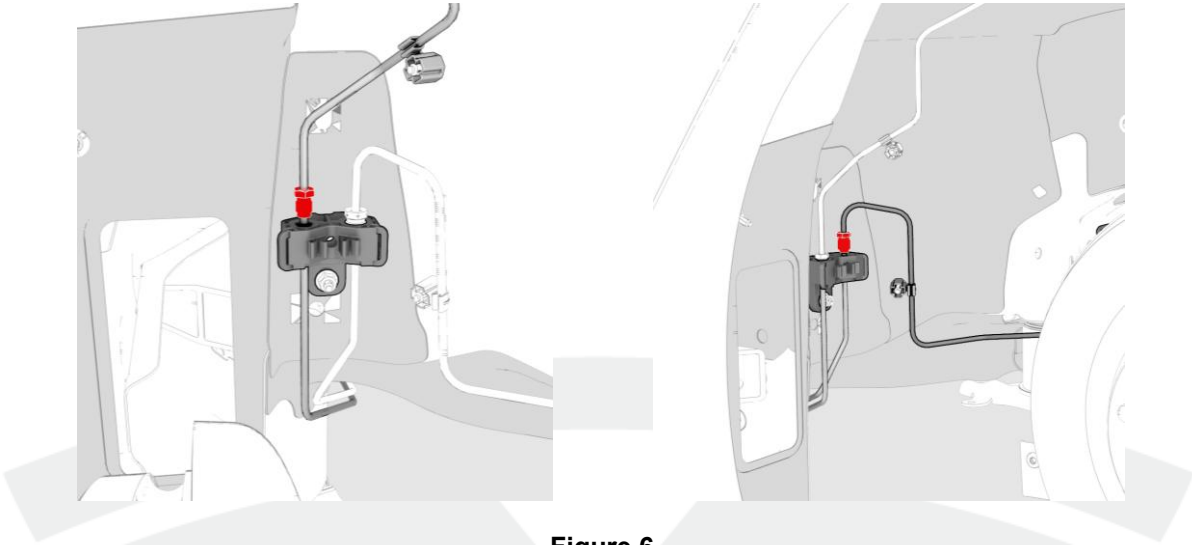


Figure 6

11. Install the LH side sill brake lines (x2) into the LH front brake junction block, and then fasten the nuts (x2, 12 mm, Torque 16 Nm) that attach the brake lines to the brake junction block (Figure 7).

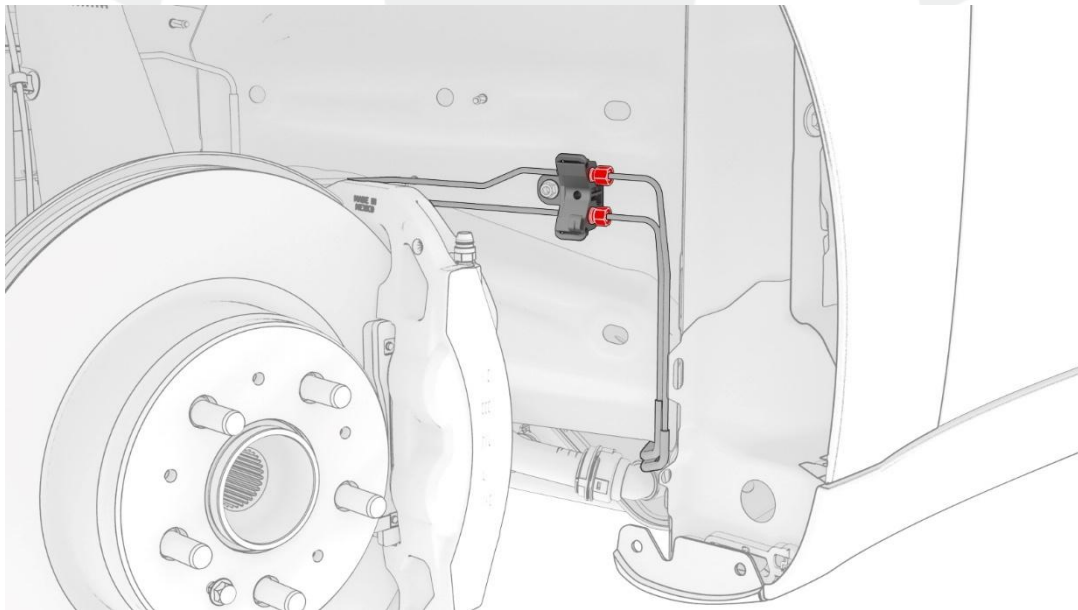


Figure 7

12. Install the rear subframe assembly (refer to Service Manual procedure [30010201](#)).
13. Install the front subframe assembly (refer to Service Manual procedure [RWD](#), [Dual Motor](#)).
14. Install the high voltage battery (refer to Service Manual procedure [RWD](#), [Dual Motor](#)).
15. Bleed the brakes (refer to Service Manual procedure [33031202](#)).
16. Perform a four wheel alignment check (refer to Service Manual procedure [31002100](#)).
17. If necessary, perform a four wheel alignment adjust (refer to Service Manual procedure [31002300](#)).

NOTE: If any corrosion caused by brake fluid leakage is found on adjacent parts, refer to relevant Toolbox articles.