



How to change front
lower arm on **Honda**
Insight ZE2_ZE3 –
replacement guide

VIDEO TUTORIAL



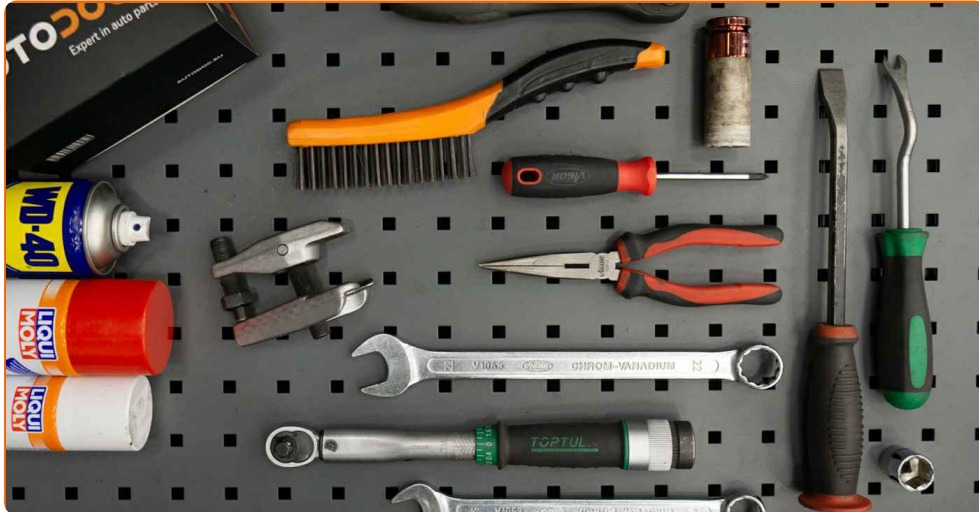
ⓘ Important!

This replacement procedure can be used for:

HONDA Jazz Hatchback (GE, GG, GP, ZA) 1.3 HYBRID (GP1), HONDA Jazz Hatchback (GE, GG, GP, ZA) 1.5 Flexfuel, HONDA Jazz Hatchback (GE, GG, GP, ZA) 1.4, HONDA Jazz Hatchback (GE, GG, GP, ZA) 1.3 i, HONDA Jazz Hatchback (GE, GG, GP, ZA) 1.2, HONDA Insight II Hatchback (ZE) 1.3 Hybrid (ZE28, ZE2), HONDA City Saloon (GM2, GM3) 1.4 i-V TEC, HONDA Jazz Hatchback (GE, GG, GP, ZA) 1.5 i-VTEC

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – HONDA INSIGHT ZE2_ZE3. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #19
- Combination spanner #22
- Drive socket # 19
- Wheel impact socket #19
- Torque wrench
- Tap wrench
- Clip removal tool
- Round-nose pliers
- Phillips screwdriver
- Crow bar
- Ball joint puller
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: front lower arm – Honda Insight ZE2_ZE3. AUTODOC experts recommend:

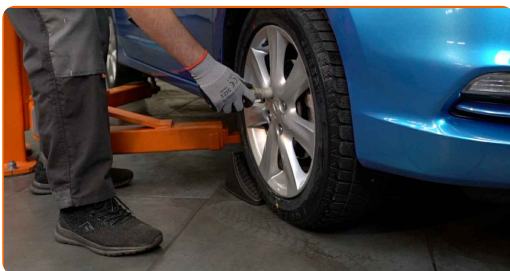
- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

REPLACEMENT: FRONT LOWER ARM – HONDA INSIGHT ZE2_ZE3. TAKE THE FOLLOWING STEPS:

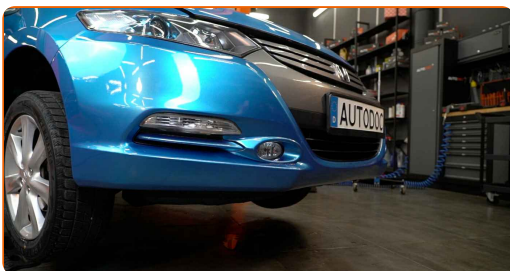
1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #19.



3 Raise the front of the car and secure on supports.



4

Unscrew the wheel bolts.



Replacement: front lower arm – Honda Insight ZE2_ZE3. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

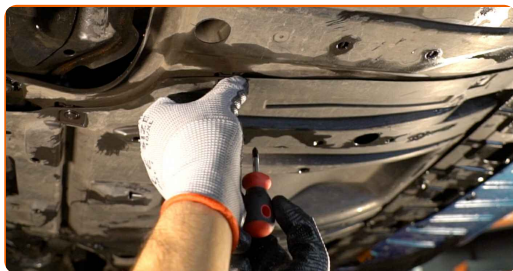
5

Remove the wheel.



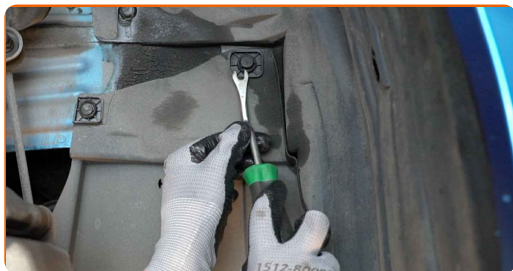
6

Undo the fasteners of the oil pan lower cover. Use a Phillips screwdriver.



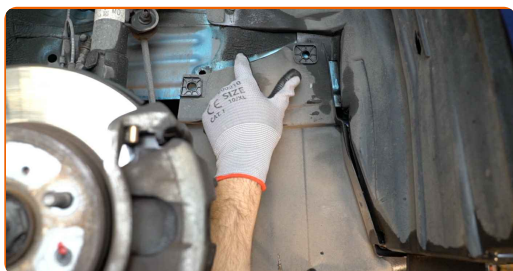
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Unscrew and remove the wheel arch cover fasteners. Use a clip removal tool.



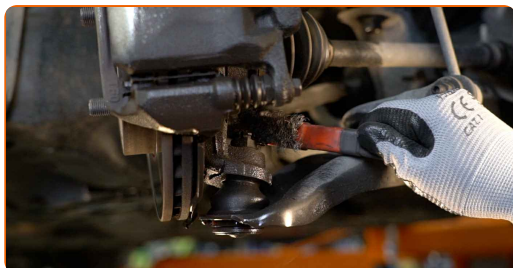
8

Remove the wheel arch cover.



9

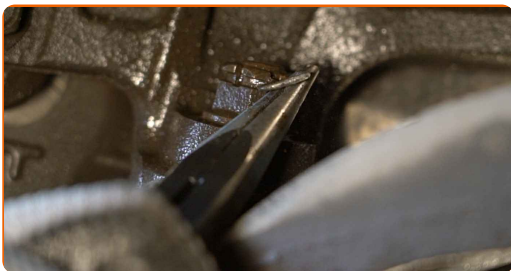
Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



AUTODOC recommends:

- Replacement: front lower arm – Honda Insight ZE2_ZE3. After applying the spray, wait a few minutes.
- Wear protective goggles.

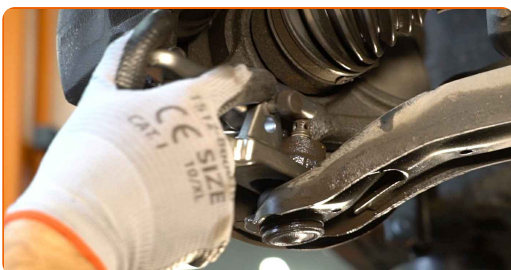
- 10 Remove the cotter pin. Use round-nose pliers.



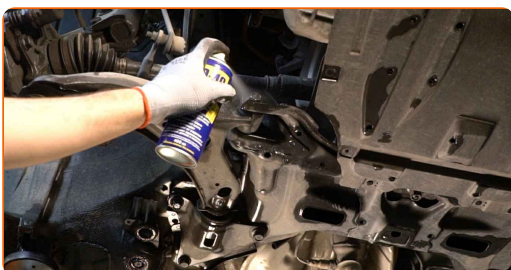
- 11 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #19.



- 12 Disconnect the lower arm from the steering knuckle. Use a ball joint puller.



- 13 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.

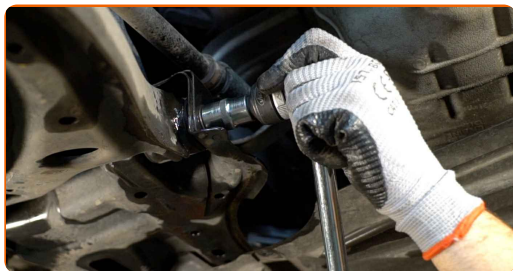


Replacement: front lower arm – Honda Insight ZE2_ZE3. AUTODOC recommends:

- After applying the spray, wait a few minutes.

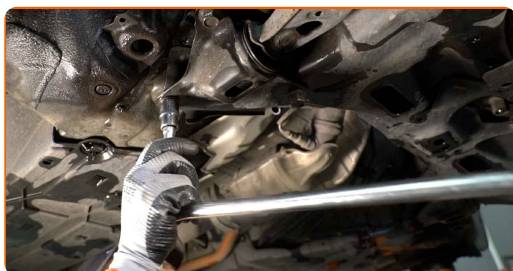
14

Unscrew the front arm fastener. Use a drive socket #19. Use a tap wrench.



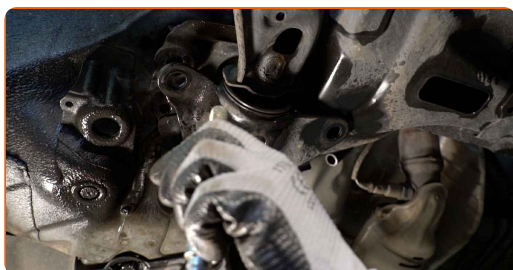
15

Unscrew the rear fastener connecting the control arm to the subframe. Use a drive socket #19. Use a tap wrench.



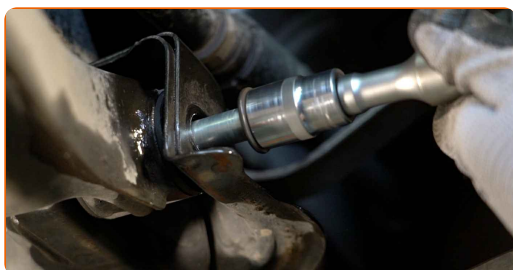
16

Remove the rear fastener of the control arm. Use a drive socket #19.



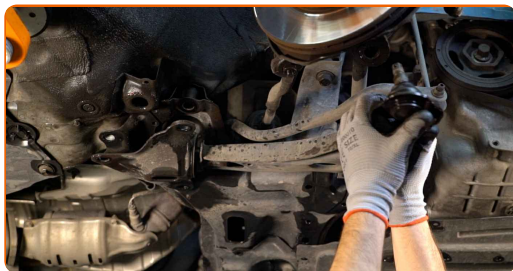
17

Remove the front fastener of the control arm. Use a drive socket #19.



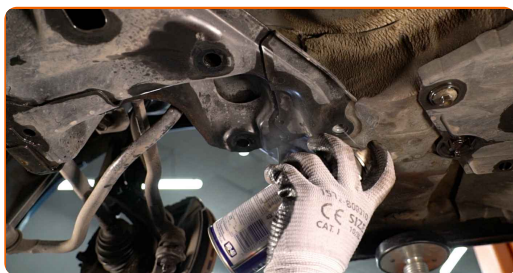
18

Remove the arm. Use a crowbar.



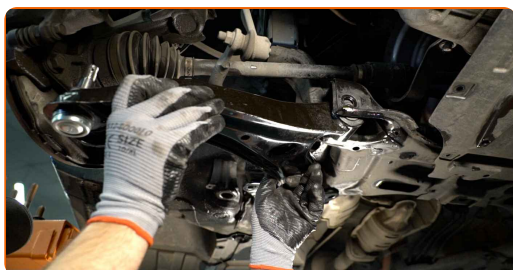
19

Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



20

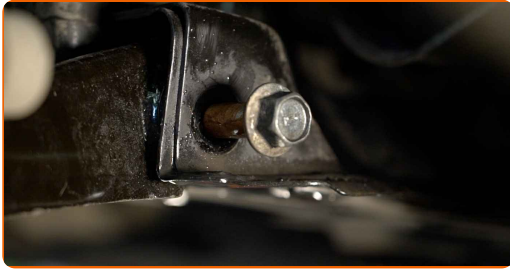
Install a new arm. Use a crowbar.



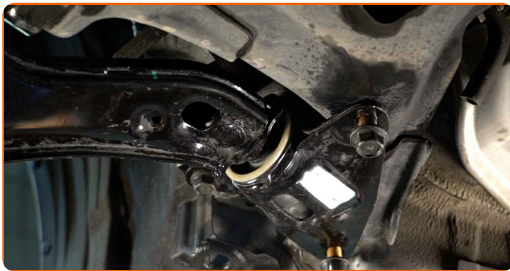
Replacement: front lower arm – Honda Insight ZE2_ZE3. Tip:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

- 21 Install the front fastener of the arm. Use a drive socket #19.



- 22 Install the rear fastener of the control arm. Use a drive socket #19.



- 23 Connect the lower arm to the steering knuckle.

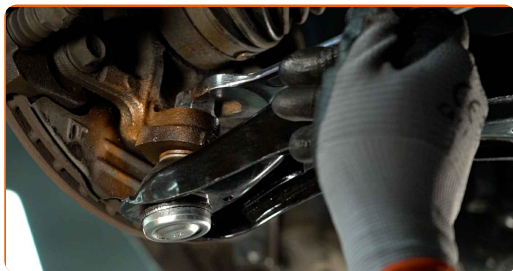


- 24 Treat the fasteners of the ball joint. Use copper grease.



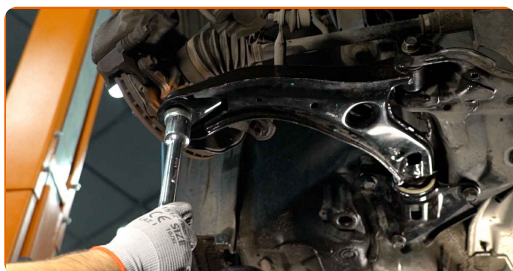
25

Screw the fasteners of the ball joint. Use a combination spanner #22.



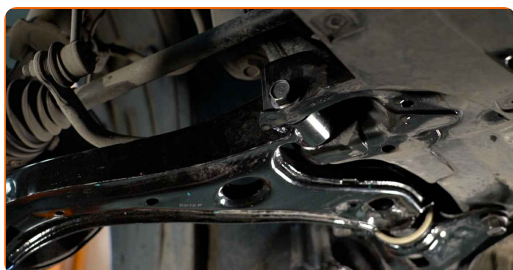
26

Support the arm. Use a hydraulic transmission jack.



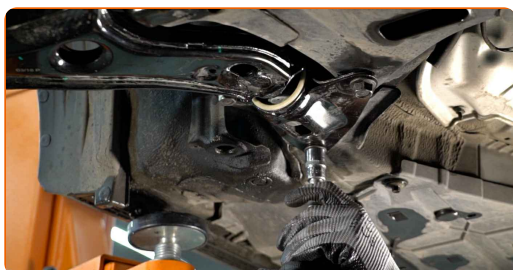
27

Screw the rear fastener connecting the control arm to the subframe. Use a drive socket #19.



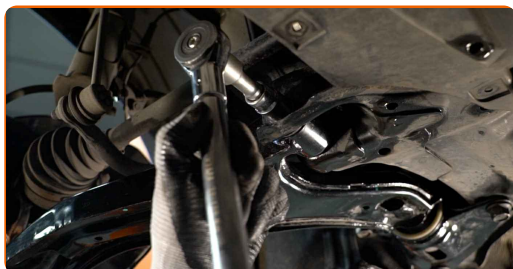
28

Screw the front arm fastener. Use a drive socket #19.



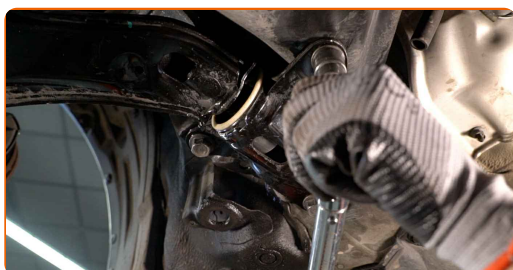
29

Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #19. Use a torque wrench. Tighten it to 93 nm torque.



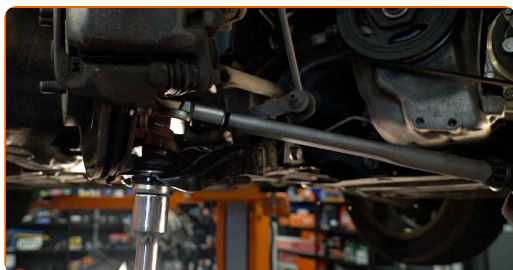
30

Tighten the rear fastener of the control arm. Use a drive socket #19. Use a torque wrench. Tighten it to 93 nm torque.



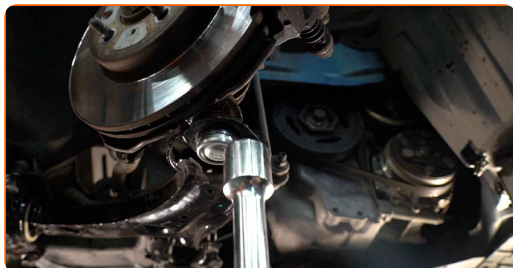
31

Tighten the fasteners of the ball joint. Use a combination spanner #22. Use a torque wrench. Tighten it to 65 nm torque.



32

Remove the support from under the arm.



AUTODOC recommends:

- Replacement: front lower arm – Honda Insight ZE2_ZE3. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

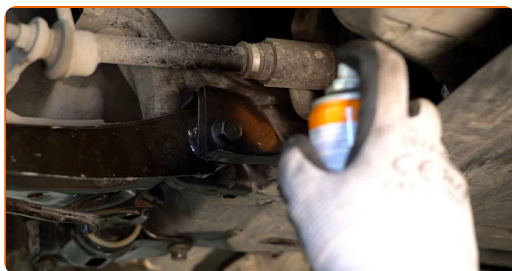
33

Install the cotter pin. Use round-nose pliers.



34

Treat all joints of the arm. Use copper grease.

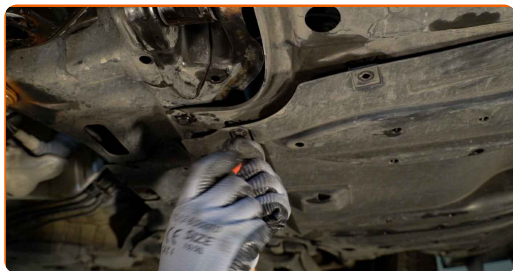


35

Install the wheel arch cover to its mounting seat. Screw in the fasteners.



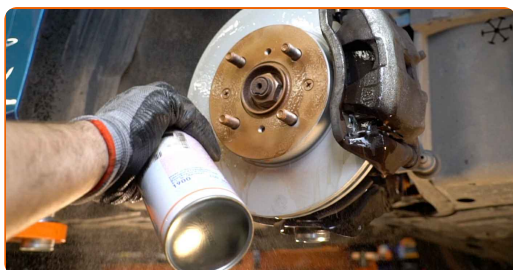
- 36 Tighten the fasteners of the oil pan lower cover. Use a Phillips screwdriver.



- 37 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



- 38 Clean the brake disk surface. Use a brake cleaner.



Replacement: front lower arm – Honda Insight ZE2_ZE3. Professionals recommend:

- After applying the spray, wait a few minutes.

- 39 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Honda Insight ZE2_ZE3

40

Screw in the wheel bolts. Use wheel impact socket #19.



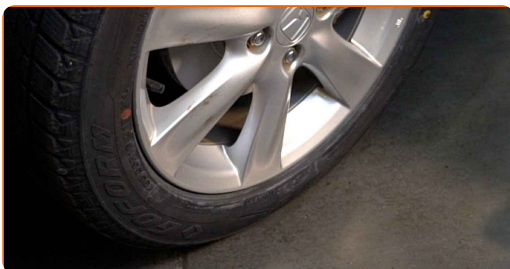
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Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 108 Nm torque.



42

Remove the jacks and chocks.

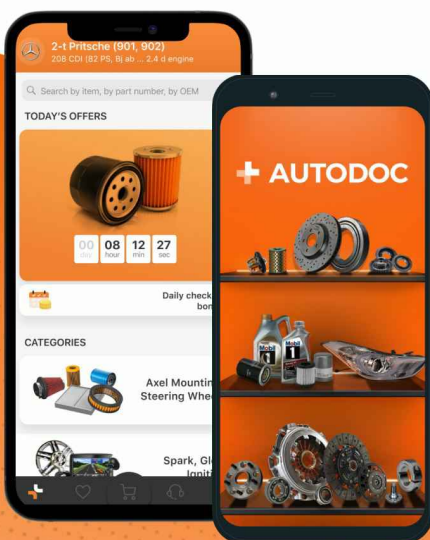


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