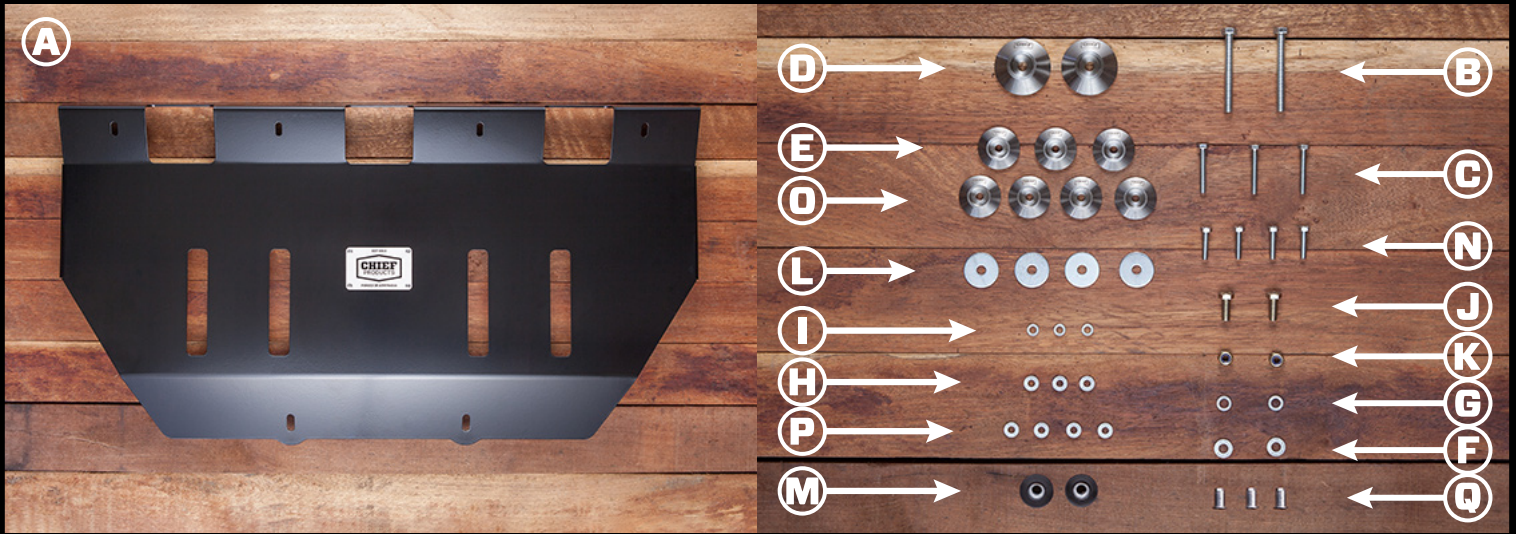


WK2 Sump Protection Plate

Installation Instructions



REF QTY DESCRIPTION

A	1	WK2 Sump Protection Plate
B	2	M8 x 70mm 10.9 Bolts (Zinc)
C	3	M6 x 40mm 10.9 Bolts (Zinc)
D	2	M8 x 50mm Bolt Head Protectors (304SS + LW)
E	3	M6 x 38mm Bolt Head Protectors (304SS + LW)
F	2	M8 Nord-Lock® Extended Washers (NL-8sp)
G	2	M8 Nord-Lock® X-Series Washers (NLX-8)
H	3	M6 Nord-Lock® Extended Washers (NL-6sp)
I	3	M6 Nord-Lock® X-Series Washers (NLX-6)
J	2	M8 x 20mm 4.6 Bolts (Zinc)
K	2	M8 Nyloc Nuts (Zinc)
L	4	M8 x 32mm Washers (Zinc)
M	2	M8 30mm Bushing (Poly/Steel)
	1	4g Anti-Seize Pouch

REF QTY DESCRIPTION

	1	Chief Products Shop Rag
ACCESS PANEL		
N	4	M6 x 25mm 10.9 Bolts (Zinc)
O	4	M6 Nord-Lock® Extended Washers (NL-6sp)
ACCESS PANEL (DELUXE)		
N	4	M6 x 25mm 10.9 Bolts (Zinc)
O	4	M6 x 38mm Bolt Head Protectors (304SS + LW)
P	4	M6 Nord-Lock® Extended Washers (NL-6sp)
OPTIONAL INSTALL		
Q	3	M6 Nutserts (Stainless Steel)

REQUIRED TOOLS

- Ratchet
- 10mm Socket
- 13mm Socket
- 13mm Wrench

NOTES

- Do not over-tighten fasteners.
- Photos are representative only, they may show prototype parts and be taken from multiple vehicles.

IMPORTANT

- PROPER INSTALLATION IS ESSENTIAL TO THE PERFORMANCE OF THIS PRODUCT.
- ONLY INSTALL THIS PRODUCT ON A 2011-2016 JEEP GRAND CHEROKEE.
- ONLY USE THE PROVIDED HARDWARE FOR INSTALLATION.
- DO NOT MODIFY THE STRUCTURE OF THIS PRODUCT IN ANY WAY.
- CHECK PRODUCT REGULARLY FOR DAMAGE. REPLACE IMMEDIATELY AT FIRST SIGN OF DAMAGE.
- CHECK FASTENER TIGHTNESS REGULARLY AND TIGHTEN IF REQUIRED.

1

Remove Lower Fascia.

Remove the lower fascia and set aside. Refer to the Owners Manual for basic instructions.

NOTE

This can be a tricky process. If you need help, we provide a 'How To' article on our website, (www.chiefproducts.com.au/blogs/how-to/11555201-wk2-lower-front-fascia-removal-installation). You can also download a PDF of the process here, (www.chiefproducts.com.au/installation/wk2-lower-front-fascia-removal-and-installation.pdf).



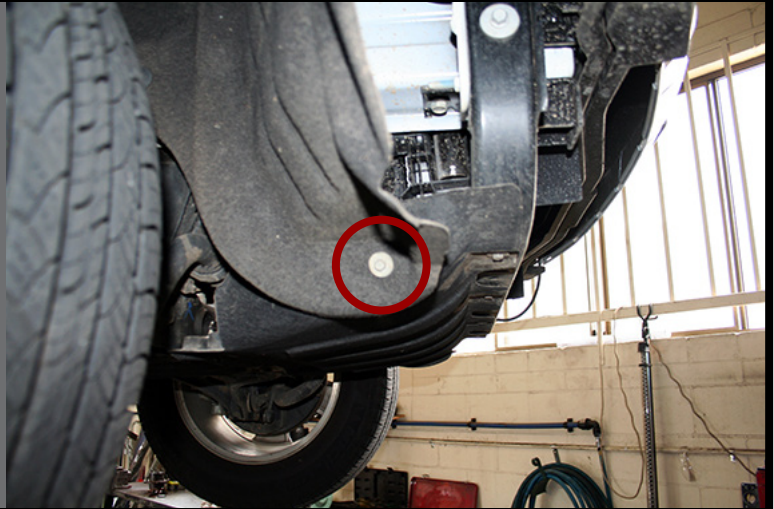
WK2 Sump Protection Plate

Installation Instructions

2

Detach Inner Wheel Well Liners.

1. Remove (1) M6 Bolt on each side, (drivers & passengers). You'll need to hold the inside clip so it doesn't turn.

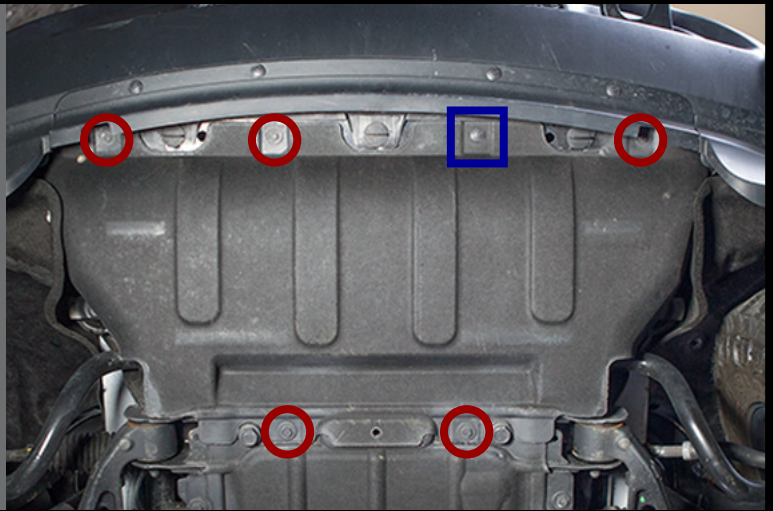


3

Unbolt stock plastic 'Belly Pan'.

1. Remove (3) stock M6 Bolts in front.
2. Remove (2) stock M8 Bolts in rear.
3. Some WK2s also require the removal of a push-in fastener, (square). This can be removed with a flat head screwdriver.

The stock 'Belly Pan' can now be removed.



4

Prepare for installation.

1. *Prepare M6 Assembly* - Slide (1) M6 Nord-Lock® X-Series Washer [I], (1) M6 Bolt Head Protector [E] and (1) M6 Nord-Lock Extended Washer [H] onto (1) M6 x 40mm Bolt [C]. Do this for (3) M6 Bolt Head Protectors.
2. *Prepare M8 Assembly* - Slide (1) M8 Nord-Lock® X-Series Washer [G], (1) M8 Bolt Head Protector [D] and (1) M8 Nord-Lock® Extended Washer [F] onto (1) M8 x 70mm Bolt [B]. Do this for (2) M8 Bolt Head Protectors.



OPTIONAL INSTALL:

Placing a Nord-Lock Extended Washer in the recess on the back side of the Bolt Head Protectors is optional. Placing them on the backside creates a bolted joint that is less prone to loosening in extreme off-road conditions, but it will also create a gap between the Bolt Head Protector and the surface of the WK2 Sump Protection Plate. If you prefer to have the Bolt Head Protectors sitting flush against the WK2 Sump Protection Plate you can remove the Nord-Lock Extended Washers from the backside.

WK2 Sump Protection Plate

Installation Instructions

OPTIONAL INSTALL:

The (3) M6 threads in the frame can be easily stripped if the M6 x 40mm Bolts [C] are over-tightened. We've provided (3) M6 Nutserts [Q] for anyone that wishes to upgrade the threads. Detailed instructions are available here, (www.chiefproducts.com.au/installation/wk2-m6-nutserts.pdf). Please note, installation requires a nutsert tool.

NOTE

If the M6 Bolts are tightened properly this step is not required.

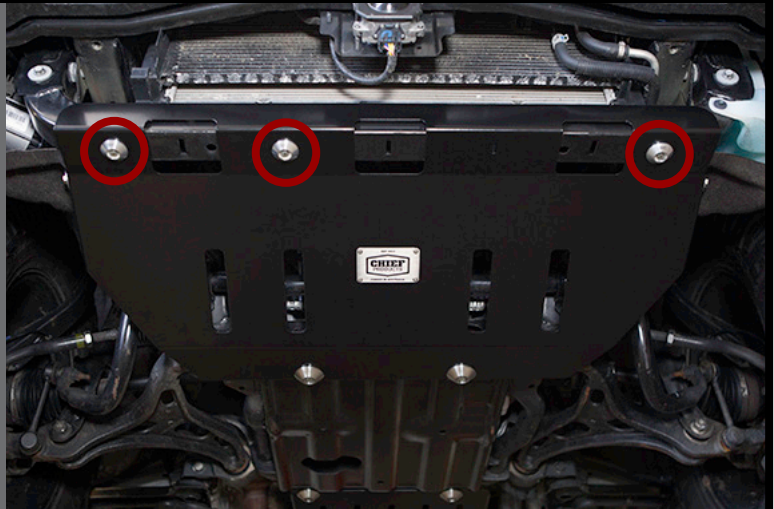
5

Bolt WK2 Sump Protection Plate to vehicle.

1. Slip WK2 Sump Protection Plate [A] over front cross member and behind lower front fascia.
2. Install (3) M6 Assemblies into front bolt holes. Do not tighten fully.

NOTE

If you're performing this install on the ground, it helps to use a jack or upside down bucket to hold the back of the plate loosely in place, while installing the front bolts.



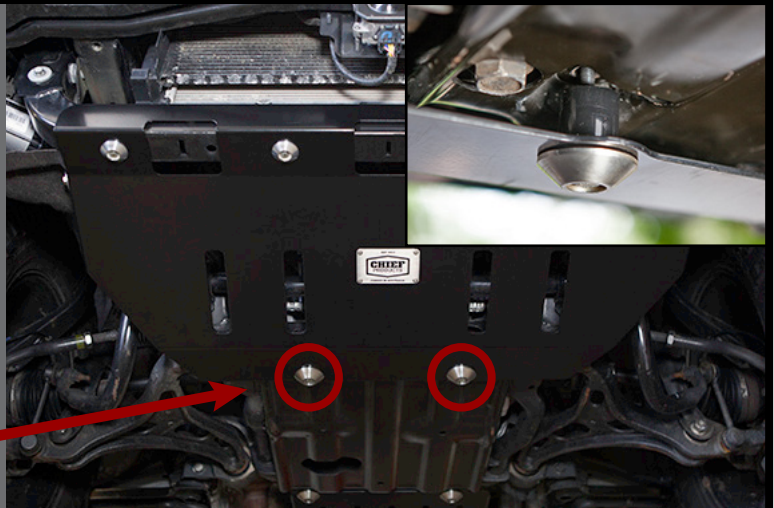
6

Bolt WK2 Sump Protection Plate to vehicle.

1. Place (2) M8 x 30mm Bushings [M] between WK2 Sump Protection Plate [A] and frame.
2. Install (2) M8 Assemblies through rear bolt holes, through M8 Poly/Steel Bushings [M] and into U-Nuts on frame, (inset photo).

NOTE

If you have the Jeep 'Front Axle Skid Plate', the WK2 Sump Protection Plate bolts on top. This configuration provides a smooth undercarriage as well as extra air flow and drainage.



7

Bolt WK2 Sump Protection Plate to vehicle.

1. You can now tighten all fasteners.

* Be especially careful not to over-tighten the M6 fasteners.

* Be sure to tighten M8 fasteners until rubber bushings are fully compressed.

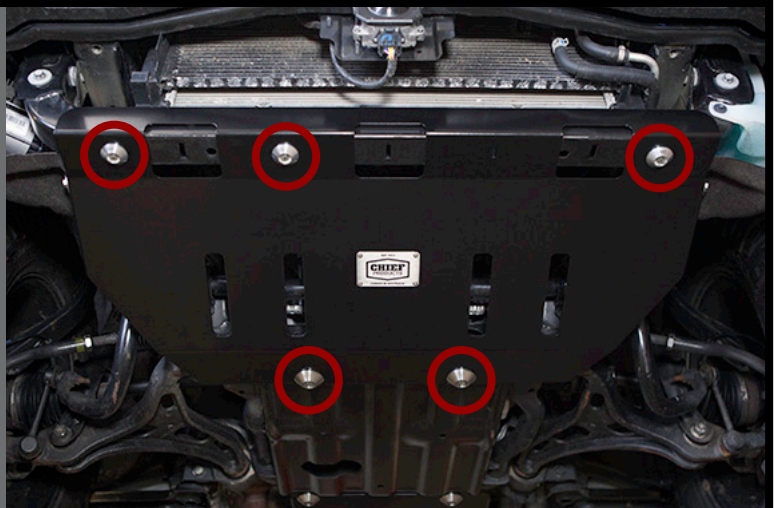
NOTE

Recommended M8 Bolt Torque = 33Nm (Dry) or 28Nm (Anti-Seize)

Recommended M6 Bolt Torque = 13Nm (Dry) or 11Nm (Anti-Seize)

Recommended M6 Bolt Torque (with nutsert upgrade) = 19Nm

(Dry) or 16Nm (Anti-Seize)



WK2 Sump Protection Plate

Installation Instructions

8

Attach Inner Wheel Well Liners.

1. Tuck wheel well liner behind side tab on WK2 Sump Protection Plate [A]. Place M8 x 32mm Washer [L] onto M8 x 20mm Bolt [J] and insert through slot on WK2 Sump Protection Plate [A] and through hole in wheel well liner. Slide M8 x 32mm Washer [L] over exposed bolt shaft and attach M8 Nyloc Nut [K]. Slide as far forward as possible and tighten.
2. Do this for both sides (drivers & passengers).



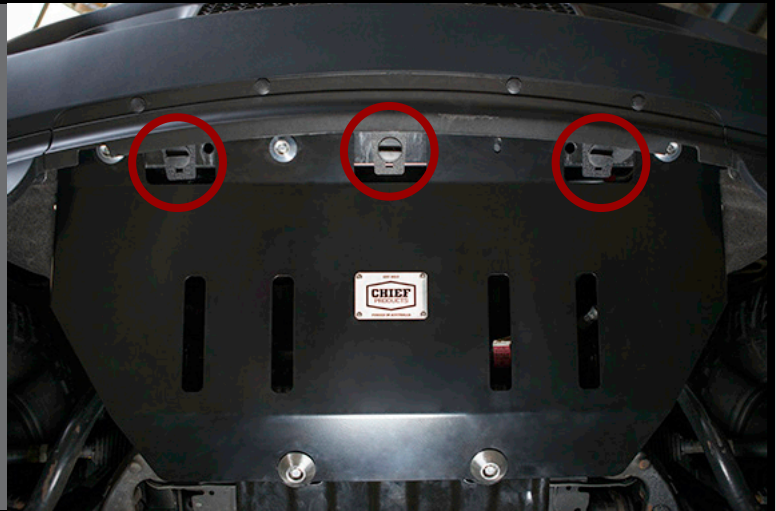
9

Re-install Lower Fascia.

Re-install the lower fascia. Refer to the Owners Manual for basic instructions.

NOTE

This can be a tricky process. If you need help, we provide a 'How To' article on our website, (www.chiefproducts.com.au/blogs/how-to/11555201-wk2-lower-front-fascia-removal-installation). You can also download a PDF of the process here, (www.chiefproducts.com.au/installation/wk2-lower-front-facia-removal-and-installation.pdf).



WK2 Sump Protection Plate is now fully installed.

+

Access Panel

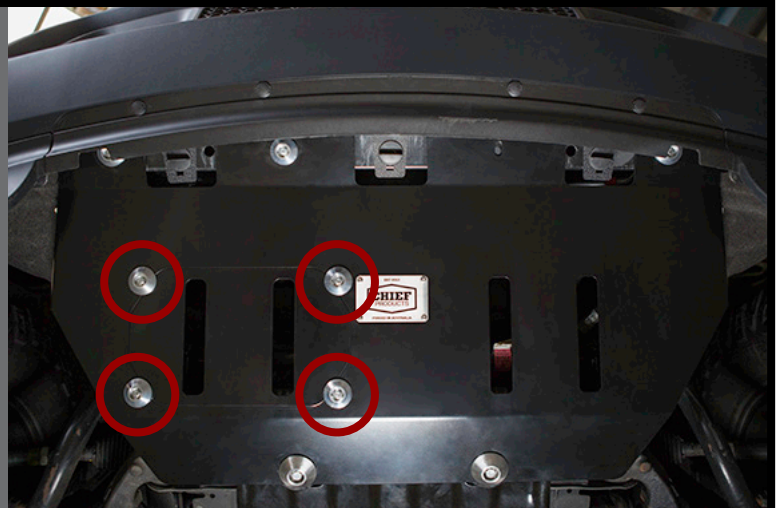
Remove/Install Access Panel.

1. Remove/install (4) M6 x 25mm Bolts [N].

The Access Panel can now be removed.

NOTE

Tilting the Access Panel sideways allows you to easily slip it through the hole in the WK2 Sump Protection Plate. Recommended M6 Bolt Torque = 19Nm (Dry) or 16Nm (Anti-Seize)



WK2 Sump Protection Plate

Installation Instructions



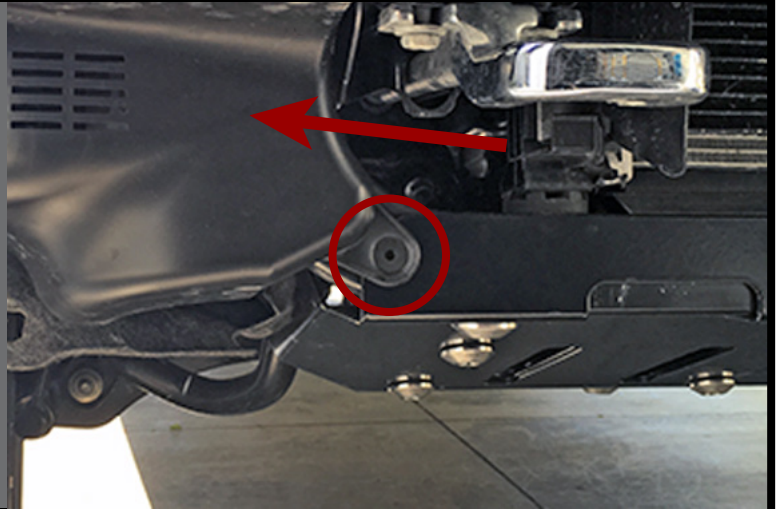
Plastic Corner Guards

Remove Plastic Corner Guards.

1. On USA model WK2s the plastic corner guards can be safely removed.

NOTE

If you'd like to retain the plastic corner guards, they will remain in place without the final bolt to the chassis, (see circle).



Find answers online.

www.chiefproducts.com.au/pages/support

Having troubles? Make sure you've downloaded the most recent version of these instructions from our website. We occasionally make updates.

www.chiefproducts.com.au/installation/wk2-sump-protection-plate.pdf

If you need additional help, send us an email.

support@chiefproducts.com.au