



4/5 Harford Street

Penrith NSW 2750

P 02 4732 2626

sales@technikmotorsport.com

KLE500

30-162-00

The KLE500 doesn't have bells and whistles like most of its competitors. What it does have are solid and time tested parts. The forks might not be electronic or adjustable but they are symmetric cartridges with quick response time. This kit adds a compression adjuster for them so you can stiffen them up for the road on the way to the trail and then loosen them up when you get there.



These kits were designed to make installation as easy as possible so any suspension specialist or even an advanced backyard mechanic is able to perform the installation. However this kit will require the disassembly of the fork and cartridge which requires advanced technical skills and improper installation is dangerous. We recommend you have this product installed by an experienced professional. These instructions make the assumption you are able to remove the forks from the bike.

	CAUTION! PERSONAL HARM OR INJURY MAY OCCUR
	Take extra care in this step
	Check service components

You will require the following tools to complete this installation:

- 14 mm Hex Wrench
- 14mm Open Spanner
- 17mm Open Spanner
- 30mm Open Spanner
- 17mm socket
- KYB Cartridge Tool
93-049-00 or 000.0587
- Bench vice
- Fork Spring Compressor
- Fork Bleed Tool
08-080648
- Blow torch (Optional)
- Vernier Calipers

You will also need:

- Thread lock
- 2L of Fork Oil (5Wt)
16-19 cSt @40°C
- Brake Cleaner
- Degreaser

QTY	Part
2x	Compression Assembly

This is one of the simpler installations we offer considering there is no need to remove and replace the midvalve. For the best results you should follow these instructions. However if you know what you're doing. You can turn the forks upside down so the oil doesn't fall out, remove the old comp assembly with a rattle gun, install the new assembly and put the forks back in the bike.

If you want to make sure you don't damage anything and want your forks to work as best as possible follow these instructions.

Step 1:

Remove the forks from your bike and clamp them by the aluminium tube. You can wrap them in a rag so you don't scratch them.



Step 2:

Remove the top cap of the fork with a 30mm spanner. And drain the oil.

Step 3:

Using a fork spring compressor compress the spring until you can fit a 17mm spanner onto the jam nut on the spring guide, then remove the fork cap and spring. (We didn't use a fork spring compressor in the photo but you should)



Be careful when removing the fork cap as the spring will be compressed.

Step 4:

Using a 14mm hex wrench and a KYB cartridge tool remove the OEM base valve.



Step 5:

You will now be able to remove the cartridge. Once you have removed the cartridge from the fork tube pump it a few times to remove any oil left inside.



Now would be a good time to inspect/change the oil seals and bushings on your motorcycle. We have both available on our website or give us a call.

Step 6:

If you're happy with the state of the fork seals and bushes. Reinstall the cartridge, apply thread lock to the compression bolt and using the damper tool and a 17mm socket reinstall the cartridge torquing to

55 N·m.



Step 12:

You are now ready to refill your oil and bleed the forks. The recommended oil height is 110mm. Make sure you measure from the top of the chrome and make sure the outer tubes are also full of oil.



Step 13:

Replace the springs, we recommend changing the springs to suit your weight however the decision is yours if you want to keep the OEM springs or not.

Step 14:

Replace the fork caps.

Step 15:

Refit the forks to the motorcycle as per the owners manual and congratulations you have finished the installation.

We recommend you start with both clickers set to 8.



Be aware you have just made a large change to your motorcycle suspension and it may take some getting use to. Take it for an easy test ride to make sure the install has been done properly and ride well within your abilities until you become acquainted with the new suspension feel.

Clickers	
Compression (Clicks)	Comments
8	This is our recommended starting setting