YOSHIMURA
RESEARCH&DEVELOPMENT OF AMERICA, INC.
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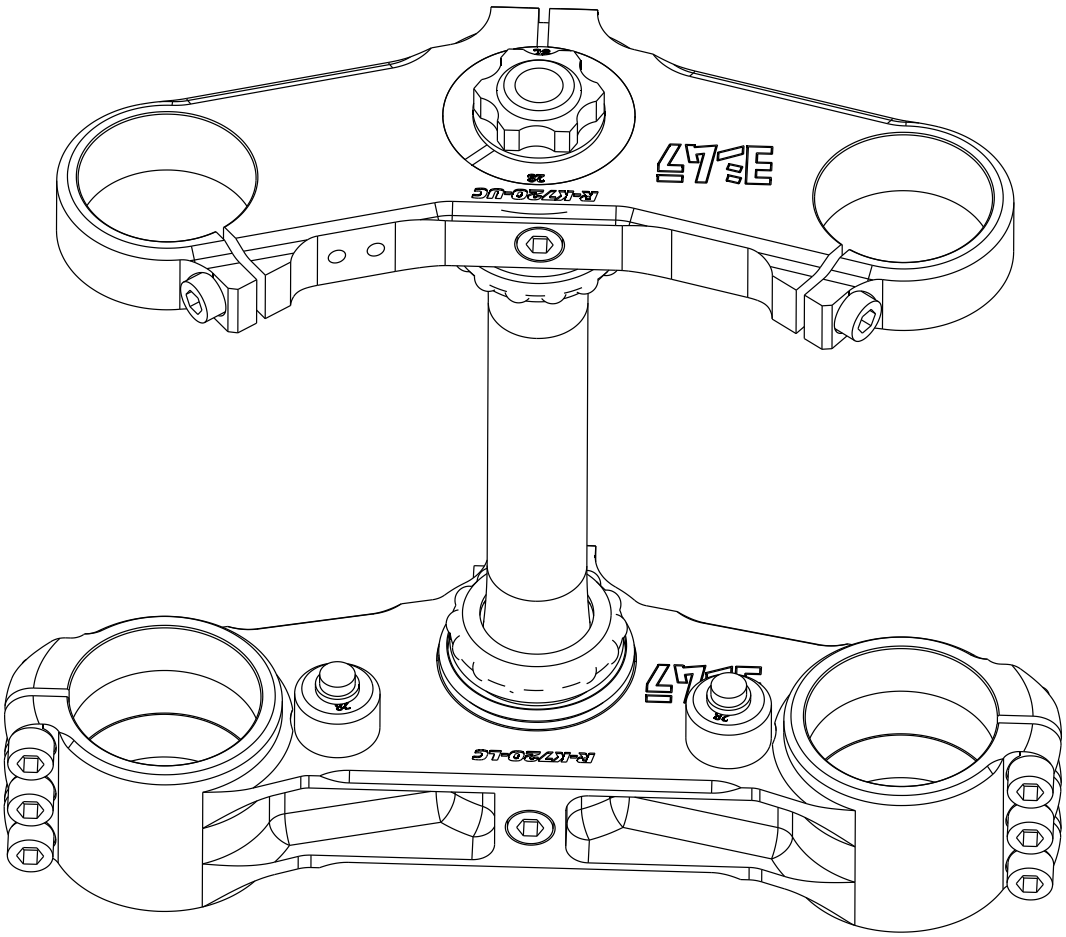
ADJUSTABLE TRIPLE CLAMP
R-K720
SUZUKI 2004 GSX-R600
'00-04 GSX-R750 '01-04* GSX-R1000

* - NOTE: 2003 GSX-R1000 must use top stem nut and washer from 01-02 version bikes. Available under Part# R-K720-KIT

** - Yoshimura Adjustable Triple Clamps are designed as a race part for use in closed circuit competition with no provision for use of a stock ignition switch.

*** - There is no provision for mounting the stock steering damper - it is recommended that an aftermarket steering damper be installed.



Important:

Please read and follow the instructions carefully. To emphasize special information, the symbol and the words WARNING, CAUTION, and *NOTE* have special meanings. Pay special attention to the messages highlighted by these signal words.

⚠WARNING

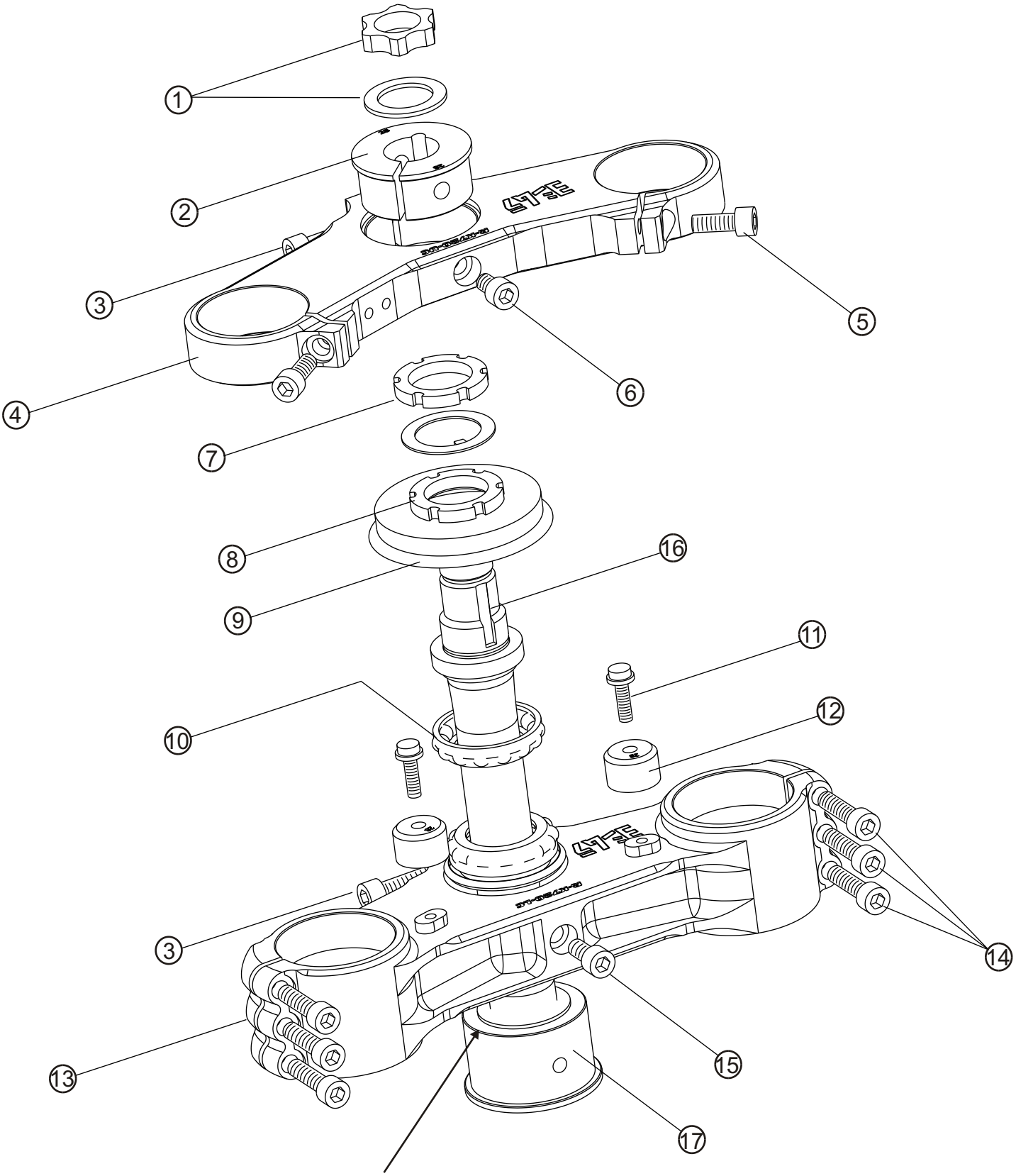
CAUTION

NOTE

NOTE: Indicates special information to make maintenance easier or instructions clearer.

⚠WARNING
Indicates potential hazard that could result in death or injury.

CAUTION
Indicates potential hazard that could result in vehicle damage.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Note: Install Dust boot
PRIOR to installing
bearing race

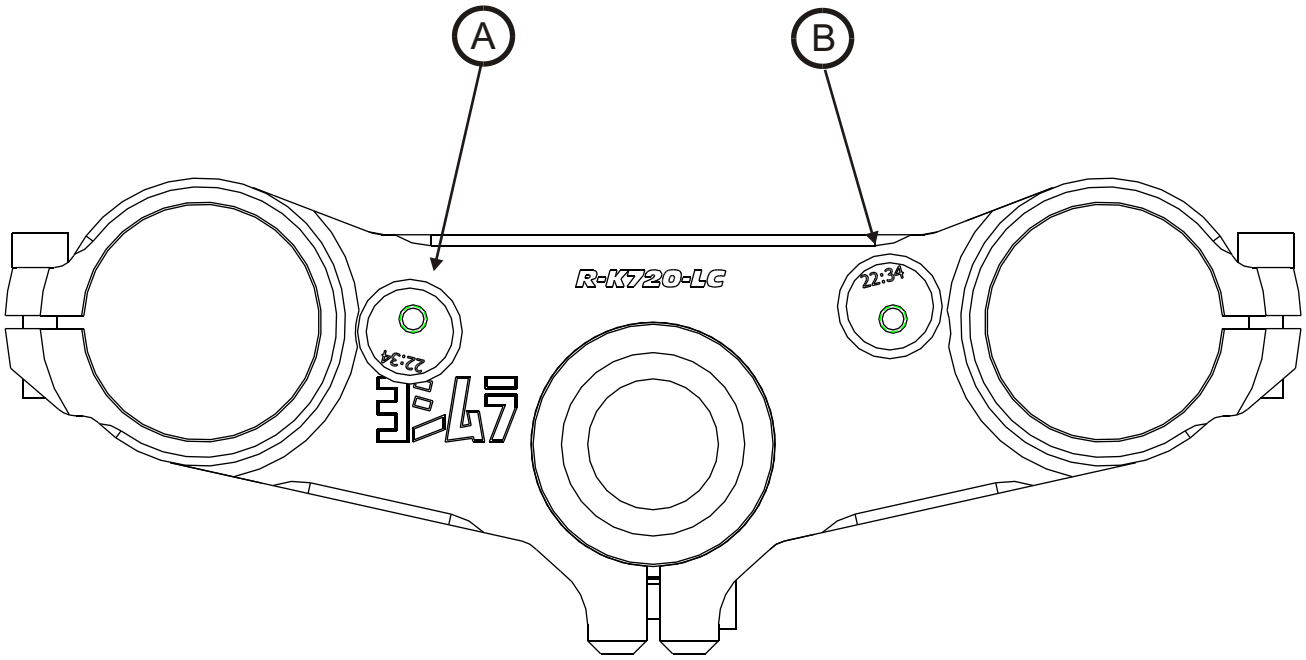
Suggested initial settings for Rake & Trail:
Settings for the Yoshimura adjustable triple clamps are shown in Fig#2 (below). A good starting point is listed below in "bold".

The trail dimensions referenced below in Fig. 2 are based on a stock bike with no chassis geometry modifications (i.e. tire size, rear ride height adjustment, shock length, and fork set height). Any changes/modifications to the chassis geometry will effect the trail dimension as well.

Caution:

Once installation is complete and prior to operating the motorcycle with the Yoshimura triple clamps check to ensure there is adequate clearance between the handlebars and frame when handlebars are turned to the full lock position to the left and right. Check that forks and handle bars move smoothly in the full range of motion with no binding of the hand control cable or electrical lines. Check that supplied steering bumpers are properly matched with offset inserts being used (See Fig. 2 - below).

If any problem is found, please carefully follow through the installation steps again. If problems still persist please call Yoshimura Technical Department at (800)634-9166, in CA (909)628-4722.



	Triple Clamp Settings				USE	
	Tire Diameter	Castor	Offset, Clamp	Trail	BUMPER	POSITION
	588mm	24.0	22	106.8mm	22:34	A
	588mm	24.0	24	104.6mm	24:32	A
	588mm	24.0	26	102.4mm	26:30	A
Recommended Starting point	**588mm**	**24.0**	**28**	**100.2mm**	28	-
	588mm	24.0	30	98.1mm	26:30	B
Stock	588mm	24.0	32	95.9mm	24:32	B
	588mm	24.0	34	93.7mm	22:34	B

Fig. 2

Installation of lower inner race on Yoshimura Stem assembly:

During installation of the lower race (not supplied - Suzuki Bearing Kit Pn# 09267-30010) on the Yoshimura stem assembly ensure the dust boot is in place prior to installing the lower stock bearing race (see Diagram Page#2). Use Suzuki Tool Pn# 09925-18011 (Steering Bearing Installer) to press on the race. Apply grease Pn# 99000-25030 (Suzuki Super Grease A) to bearing and race assembly.

Disassembly/Assembly of triple clamps:

For disassembly and assembly of triple clamps use Suzuki Service Manual. Installation of the steering stem locknut & steering stem nut requires use of Suzuki special tools:
09940-14911 - Steering stem nut wrench
09940-14960 - Steering stem nut wrench socket

Note: During assembly use "Suzuki Moly Paste PN# 99000-251140" (anti-seize compound) on all stainless steel bolts.

NO.	DESCRIPTION	YOSHIMURA PART# DESCRIPTION	QTY	YOSHIMURA PART NUMBER	TORQUE SETTING	
					Kg-m	lb-ft
1	Steering stem head nut	24mm Stem Nut with Washer	-	R-K720-KIT	9.0	65.0
2	Upper Triple Clamp Spacer	Upper Spacer 0mm Offset (Black)	1	R-K720-0U		
		Upper Spacer 2mm Offset (Green)	1	R-K720-2U		
		Upper Spacer 4mm Offset (Blue)	1	R-K720-4U		
		Upper Spacer 6mm Offset (Red)	1	R-K720-6U		
3	Upper triple clamp pinch bolt	8x25mm Socket Head Cap Screw	1	M8X25	2.5	18.0
	Lower triple clamp pinch bolt	8x30mm Socket Head Cap Screw	2	M8X30	2.5	18
4	Yoshimura Upper Triple Clamp	-	1	R-K720UC	-	-
5	Upper triple clamp bolt	8x20mm Socket Head Cap Screw	2	M8X20	1.5	10.8
6	Upper stem insert retaining bolt	8x12mm Socket Head Cap Screw	1	M8X12	1.5	10.8
7	Steering stem lock nut	Stock	-	-	8.0	58.0
8	Steering stem nut	Stock	-	-	4.5	32.5
9	Upper Dust Boot	Stock	-	-	-	-
10	Bearing	Stock	-	-	-	-
11	Steering bumper retaining bolts	6x20mm Socket Head Cap Screw	2	M6X20L	1.0	7.2
12	Steering bumper	Bumper 0mm	2	R-K720-0S		
		Bumper 2mm	2	R-K720-2S		
		Bumper 4mm	2	R-K720-4S		
		Bumper 6mm	2	R-K720-6S		
13	Yoshimura Lower Triple Clamp	-	1	R-K720-LC	-	-
14	Lower triple clamp bolt	8x30mm Socket Head Cap Screw	6	M8X30	1.5	10.8
15	Lower stem insert retaining bolt	8x16mm Socket Head Cap Screw	1	M8X16	1.5	18.8
16	Yoshimura Stem	-	4	R-K720-ST	-	-
17	Lower Triple Clamp Spacer	Lower Spacer 0mm Offset (Black)	1	R-K720-0L		
		Lower Spacer 0mm Offset (Green)	1	R-K720-2L		
		Lower Spacer 0mm Offset (Blue)	1	R-K720-4L		
		Lower Spacer 0mm Offset (Red)	1	R-K720-6L		
**	Yoshimura USA Sticker	-	2	17020C	-	-
**	Instruction Set	-	1	INST KIT	-	-