
Special Tool Information

Carrera GT

0512.1

Binder - Special Tools & Equipment

Carrera GT Special Tools

Attention: **Service Manager/Service Technician**

Filing: **This bulletin replaces special tool bulletin 0512, dated 5-9-05.**

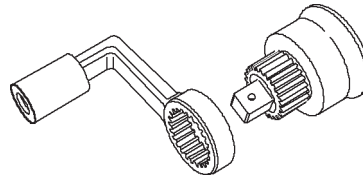
Information: The special tools listed in this bulletin are a compilation of all previously issued Carrera GT new special tool bulletins and are considered minimum service requirement.

This special tool bulletin will be updated accordingly as new tools become available for the Carrera GT.

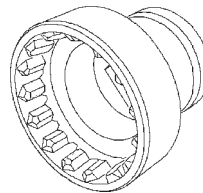
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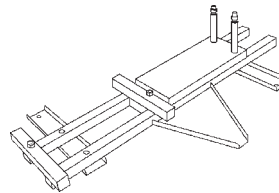
Tool Number: 9450 - **Discontinued**
Order Number: 000 721 945 00
Description: Torque Multiplier
Application: Used to R & R wheels in conjunction with 9451 socket - Use Snap-on torque wrench # QD4RN800
Model: Carrera GT
Classification: Level 1



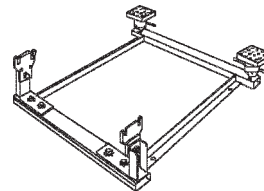
Tool Number: 9451
Order Number: 000 721 945 10
Description: Socket
Application: Used to conjunction with 9450 to R & R Wheels.
Model: Carrera GT
Classification: Level 1



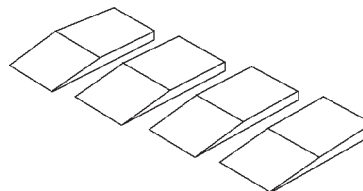
Tool Number: 9452
Order Number: 000 721 945 20
Description: Support
Application: Used to R & R Engine
Model: Carrera GT
Classification: Level 2



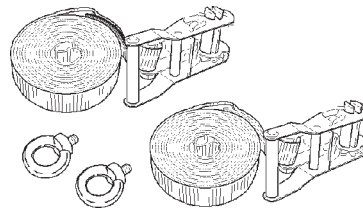
Tool Number: 9452/1
Order Number: 000 721 945 21
Description: Support Fixture
Application: Used R & R engine/transmission w/supports.
Model: Carrera GT
Classification: Level 2



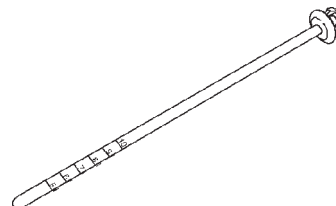
Tool Number: 9453
Order Number: 000 721 945 30
Description: Ramps
Application: Used when moving vehicle on to lift platform.
Model: Carrera GT
Classification: Level 1



Tool Number: 9454
Order Number: 000 721 945 40
Description: Tie-down Straps
Application: Used to secure vehicle on lift.
Model: Carrera GT
Classification: Level 1



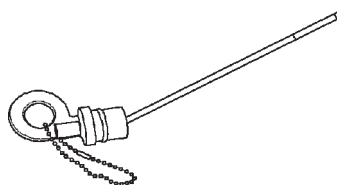
Tool Number: 9455
Order Number: 000 721 945 50
Description: Engine Oil Dipstick
Application: Used to measure engine oil level.
Model: Carrera GT
Classification: Level 1



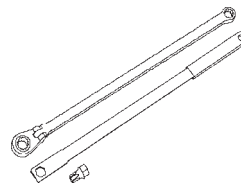
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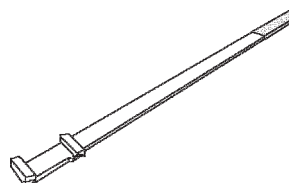
Tool Number: 9456
Order Number: 000 721 945 60
Description: Gear Oil Dipstick
Application: Used to measure transmission oil level.
Model: Carrera GT
Classification: Level 1



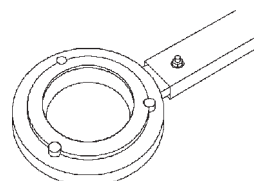
Tool Number: 9457
Order Number: 000 721 945 70
Description: Wrench
Application: Used to install V-belt for auxiliary unit.
Model: Carrera GT
Classification: Level 1



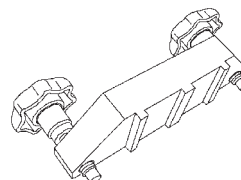
Tool Number: 9457/1
Order Number: 000 721 945 71
Description: Adjustment Tool
Application: To operate the alternator belt tensioner.
Model: Carrera GT
Classification: Level 1



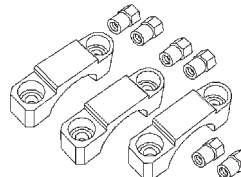
Tool Number: 9458
Order Number: 000 721 945 80
Description: Spanner Wrench
Application: Used to R & R V-belt pulley damper.
Model: Carrera GT
Classification: Level 2



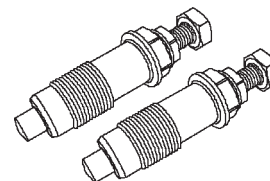
Tool Number: 9459
Order Number: 000 721 945 90
Description: Flywheel Lock
Application: Used to hold flywheel.
Model: Carrera GT
Classification: Level 2



Tool Number: 9460
Order Number: 000 721 946 00
Description: Holder
Application: Used to hold camshafts.
Model: Carrera GT
Classification: Level 2



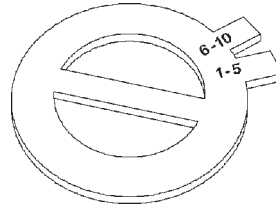
Tool Number: 9461
Order Number: 000 721 946 10
Description: Tensioner
Application: Used to pre-tension engine drive chain.
Model: Carrera GT
Classification: Level 2



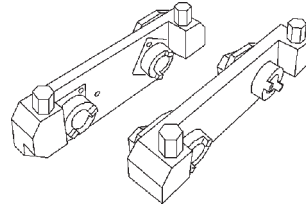
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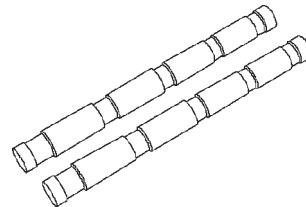
Tool Number: 9462
Order Number: 000 721 946 20
Description: Gauge
Application: Used to check index marks on indicator cover.
Model: Carrera GT
Classification: Level 2



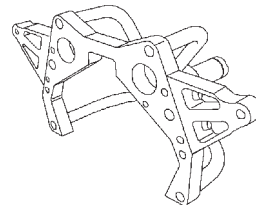
Tool Number: 9463
Order Number: 000 721 946 30
Description: Camshaft Holder
Application: Used to hold camshafts in timing position.
Model: Carrera GT
Classification: Level 2



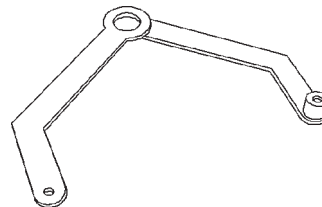
Tool Number: 9464
Order Number: 000 721 946 40
Description: Assembly Tool
Application: Used to hold tappets during valve adjustment.
Model: Carrera GT
Classification: Level 2



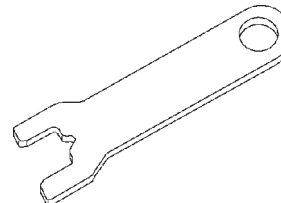
Tool Number: 9465
Order Number: 000 721 946 50
Description: Engine Support
Application: Used to hold engine on stand.
Model: Carrera GT
Classification: Level 2



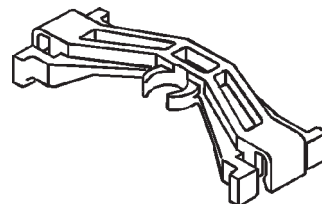
Tool Number: 9466
Order Number: 000 721 946 60
Description: Lifting Bracket
Application: Used to lift engine.
Model: Carrera GT
Classification: Level 2



Tool Number: 9467
Order Number: 000 721 946 70
Description: Wrench
Application: Used to turn oil pump drive when installing pump.
Model: Carrera GT
Classification: Level 2



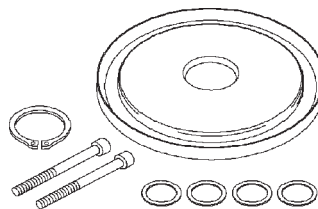
Tool Number: 9468
Order Number: 000 721 946 80
Description: Locking Bridge
Application: Used when adjusting shifter cables.
Model: Carrera GT
Classification: Level 2



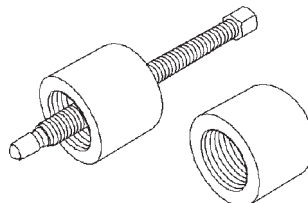
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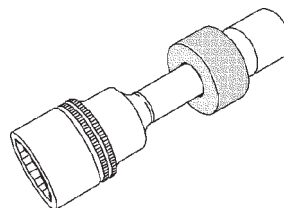
Tool Number: 9469
Order Number: 000 721 946 90
Description: Centering Device
Application: Used to R & R clutch.
Model: Carrera GT
Classification: Level 2



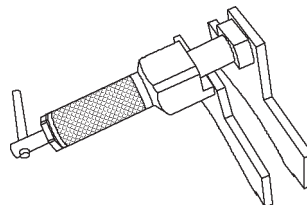
Tool Number: 9470
Order Number: 000 721 947 00
Description: Press
Application: Used to press out drive shaft from wheel hub
Model: Carrera GT
Classification: Level 2



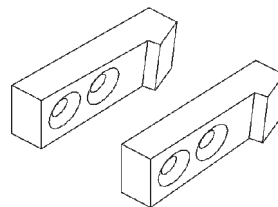
Tool Number: 9471
Order Number: 000 721 947 10
Description: Socket
Application: Used to R & R drive shafts.
Model: Carrera GT
Classification: Level 2



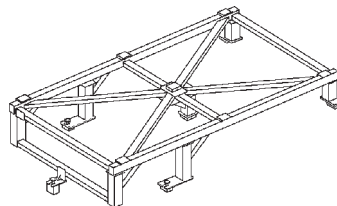
Tool Number: 9472
Order Number: 000 721 947 20
Description: Expander
Application: Used to install brake pads.
Model: Carrera GT
Classification: Level 1



Tool Number: 9473
Order Number: 000 721 947 30
Description: Retaining Blocks
Application: Used to install windshield.
Model: Carrera GT
Classification: Level 1



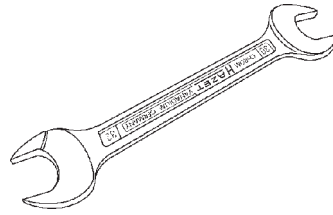
Tool Number: 9474
Order Number: 000 721 947 40
Description: Alignment Gauge
Application: Used to position rear cross member.
Model: Carrera GT



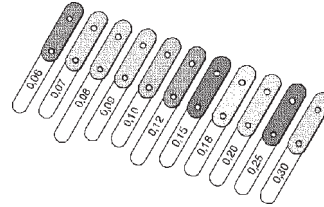
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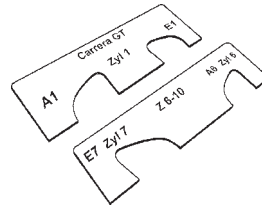
Tool Number: 9475
Order Number: 000 721 947 50
Description: Wrench
Application: Used to turn camshaft when adjusting timing.
Model: Carrera GT
Classification: Level 2



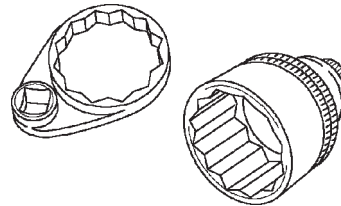
Tool Number: 9476
Order Number: 000 721 947 60
Description: Feeler Gauges
Application: Used to adjust valves.
Model: Carrera GT
Classification: Level 2



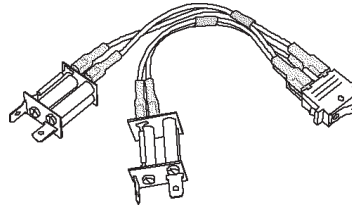
Tool Number: 9477
Order Number: 000 721 947 70
Description: Adjustment Gauges
Application: For checking camshaft setting.
Model: Carrera GT
Classification: Level 2



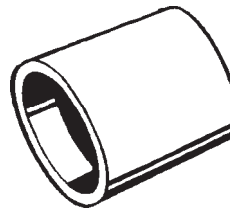
Tool Number: 9478
Order Number: 000 721 947 80
Description: Adjustment Socket Set
Application: Used to adjust camshaft.
Model: Carrera GT
Classification: Level 1



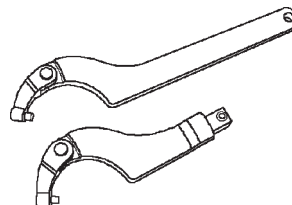
Tool Number: 9479
Order Number: 000 721 947 90
Description: Adapter
Application: Used to activate fuel pumps.
Model: Carrera GT
Classification: Level 1



Tool Number: 9480
Order Number: 000 721 948 00
Description: Seal Installer
Application: Used to install drive shaft seal.
Model: Carrera GT
Classification: Level 2



Tool Number: 9481
Order Number: 000 721 948 10
Description: Spanner Wrenches
Application: Used to adjust shocks.
Model: Carrera GT
Classification: Level 2

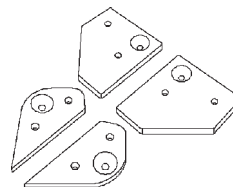


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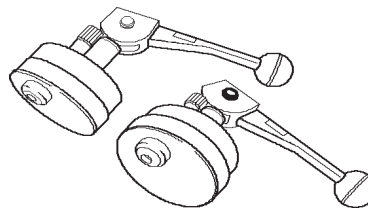
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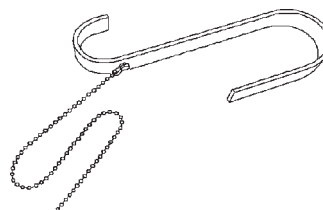
Tool Number: 9482
Order Number: 000 721 948 20
Description: Support Plates
Application: Used when lifting vehicle.
Model: Carrera GT
Classification: Level 1



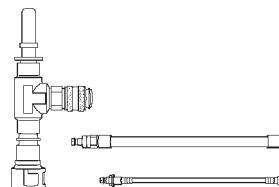
Tool Number: 9483
Order Number: 000 721 948 30
Description: Sealing Plugs
Application: Used to check exhaust system for leaks.
Model: Carrera GT
Classification: Level 1



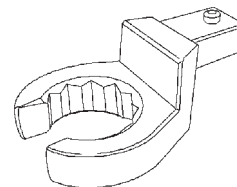
Tool Number: 9484
Order Number: 000 721 948 40
Description: Holder
Application: Used to hold shifter cable.
Model: Carrera GT
Classification: Level 2



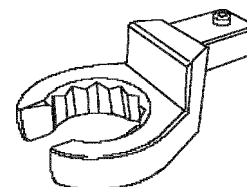
Tool Number: 9485
Order Number: 000 721 948 50
Description: Connector Set
Application: Used to measure fuel pressure.
Model: Carrera GT
Classification: Level 1



Tool Number: 9486 **superseded** to IZ180E14X18
Order Number: IZ180E14X18
Description: Wrench Insert
Application: Used to install shock nut. 18mm produced for CGT's up to 10/2003 -The 9486 was **discontinued** by PAG and a new larger 19mm nut was used starting 01/2004. Keep in mind you can no longer get the 9486 from PAG. If you see a pre-01/2004 CGT, you will need to use tool #IZ180E14X18 which is locally sourced at porsche.snapon.com.
Model: Carrera GT
Classification: Level 2



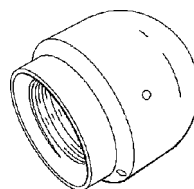
Tool Number: 9486/1
Order Number: 000 721 948 61
Description: Wrench Insert
Application: Used in conjunction with torque wrench to torques shock absorber nut.
Model: Carrera GT
Classification: Level 2



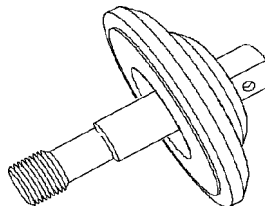
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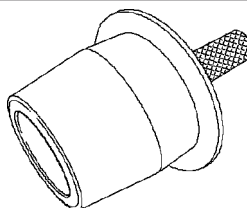
Tool Number: 9487
Order Number: 000 721
Description: Washer Nozzle
Application: Used when cleaning oil tank.
Model: Carrera GT
Classification: Level 2



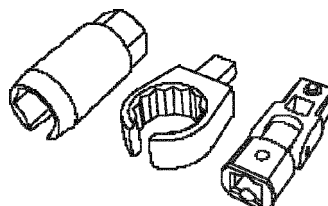
Tool Number: 9488
Order Number: 000 721 948 80
Description: Seal Installer
Application: Used to install crankshaft seal.
Model: Carrera GT
Classification: Level 2



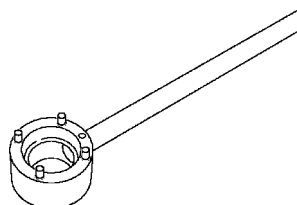
Tool Number: 9489
Order Number: 000 721 948 90
Description: Seal Installer
Application: Used to install crankshaft seal.
Model: Carrera GT
Classification: Level 2



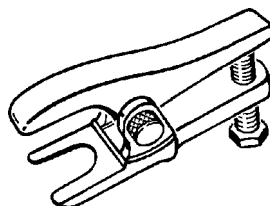
Tool Number: 9490
Order Number: 000 721 949 00
Description: Socket Wrench Set
Application: Used to R & R oxygen sensor with engine installed.
Model: Carrera GT
Classification: Level 1



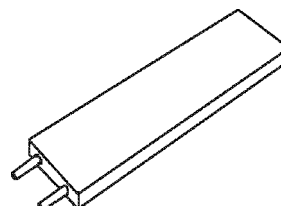
Tool Number: 9491
Order Number: 000 721 949 10
Description: Spanner Wrench
Application: Used to R & R exhaust camshaft drive gear.
Model: Carrera GT
Classification: Level 2



Tool Number: 9492
Order Number: 000 721 949 20
Description: Ball Joint Remover
Application: Used to remove the support ball joints from hub carrier.
Model: Carrera GT
Classification: Level 2



Tool Number: 9493
Order Number: 000 721 949 30
Description: Test Pin
Application: Used to check clutch retaining ring installation.
Model: Carrera GT
Classification: Level 2

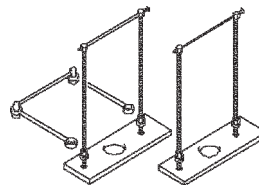


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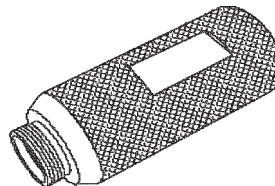
Tool Number: 9494
Order Number: 000 721 949 40
Description: Assembly Gauge
Application: Used to assemble rear spoiler hydraulic drive assembly.
Model: Carrera GT
Classification: Level 1



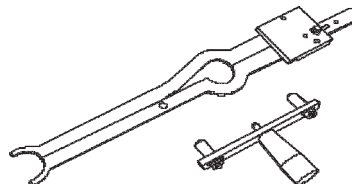
Tool Number: 9495
Order Number: 000 721 949 50
Description: Assembly Gauge
Application: Used to position rear spoiler hydraulic drive assembly.
Model: Carrera GT
Classification: Level 1



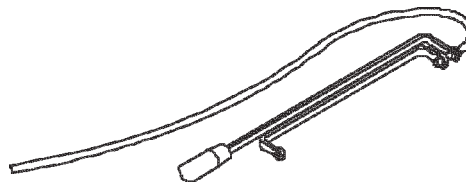
Tool Number: 9496
Order Number: 000 721 949 60
Description: Assembly Aid
Application: Used R & R chain drive pin.
Model: Carrera GT
Classification: Level 2



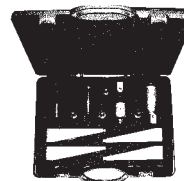
Tool Number: 9497
Order Number: 000 721 949 70
Description: Positioning Guide
Application: Used to position and hold chain during cylinder installation.
Model: Carrera GT
Classification: Level 2



Tool Number: 9724
Order Number: 000 721 972 40
Description: Bleeder Device
Application: Used to bleed the clutch slave cylinder.
Model: Carrera GT (Also used on Cayenne)
Classification: Level 1



Tool Number: PNA 932 301 200
Order Number: PNA 932 301 200
Description: Wheel Alignment Tool Set
Application: Used when performing wheel alignment.
Model: Carrera GT
Classification: Level 1



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Special Tool Information

Dealership
Distribution
Routing

Service Manager _____
Asst. Manager _____

Shop Foreman _____
Warranty Admin. _____

Service Technician _____
Service Technician _____

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