



Service Circular

2005 Maintenance Service Circular

Subject: 2005 Model Year Volkswagen new Jetta Maintenance

Date: September 26, 2005

Number: VMS-05-13

MAINTENANCE SERVICE CIRCULAR, VMS-05-13 DATED September 26, 2005,
SUPERSEDES MAINTENANCE SERVICE CIRCULAR VMS-05-02 DATED June 6, 2005

This Service Circular contains the Perfect Delivery Inspection (PDI), Inventory Maintenance Checklist, Suggested Repair Times, and Scheduled Maintenance Intervals (by Engine) for the 2005 Model Year Volkswagen new Jetta.

Note: *Pre-Delivery Inspection and 30 Day Inventory Maintenance suggested repair times are applicable to United States only.*

Updated information:

Updated timing belt information

For states that require a manufacturer's statement regarding the delivery inspection procedure, the Perfect Delivery Inspection section of this Circular may be utilized for that purpose.

	<u>Page</u>
<i>Perfect Delivery Inspection (PDI) for new Jetta</i>	2
<i>Inventory Maintenance Checklist</i>	3
<i>Suggested Repair Times</i>	4 - 5
<i>Scheduled Maintenance Intervals (by Engine)</i>	6 - 11

Jetta, new Passat Perfect Delivery Technician Inspection (PDI)



Stock No.: _____ Dealer Number: _____

V.I.N.: _____ R.O. No.: _____

Radio/Immobilizer Serial No.: _____

Road test mileage out: _____ mileage in: _____

Under Hood Inspection:

- Check battery voltage (Recharge if necessary to min. 12.5 volts using inCHARGE 940); install battery cover
- Record Midtronics code: _____
- Check engine oil – fill to maximum (engine cold)
- Check engine coolant – fill to maximum (engine cold)
- Check brake fluid – fill to maximum
- Top off windshield washer solvent
- Front license plate bracket – install (if required) using alignment marks on bracket

Exterior Inspection:

Check, install, remove and/or adjust the following:

- Set cold tire pressure, including spare tire
- Install security wheel lug bolts (if applicable)
- Verify tool kit in place
- Place tow hook and security wheel bolt adapter in tool kit (if applicable)
- Wheel lug bolts, retighten to specified torque
- Check operation of all exterior lights
- Windshield wiper function/rear wiper (if applicable)
- Washer spray jets function/aiming (with hood down), including headlight washers/rear washer (if applicable)
- Check operation of rain sensor (if applicable)
- Install lower ventilation grilles in front spoiler using screws provided
- Install rear tow hook cover

Interior Inspection:

Check, install, remove and/or adjust the following:

- Deactivate "Transport" mode using VAS 5051/5052
- Instrument cluster warning lights
- Central locking system/remote functions/convenience function/passive function
- Door locks/rear lid/fuel filler flap switch
- Verify all keys start the vehicle
- Verify function of emergency key (Passat)
- Anti-theft alarm system: verify red light blinks on locked doors
- Power windows (program one touch feature)
- Verify power seat adjustment/lumbar adjustment (if applicable)
- Interior/exterior mirror operation, including automatic dimming interior rear view operation (if applicable)
- Sunroof (if applicable)
- Interior light operation
- Sun shades
- Horn operation
- Compass calibration/adjust to appropriate zone (if applicable)
- Set clock to local time
- Navigation system/insert DVD/enter dealership address and store as a saved destination
- Verify language and measurement functionality in multi function display and navigation system (if applicable)

Interior Inspection: continued

- Operation of multi-function steering wheel controls (if applicable)

Radio/CD Inspection:

- Verify radio operates in AM, FM and CD/MP3 player/changer modes (if equipped) using applicable buttons and steering wheel functions
- Set memory preset stations to AM and FM stations which exhibit good reception quality
- Verify satellite radio signal (if equipped)

On Hoist Inspection (without removing engine sound deadening):

Check the following:

- Perform visual inspection for leaks and damage: steering, brake system, CV-joint boots, hoses, and fluid reservoirs.

Road Test Inspection:

- Engine performance and acceleration
- Automatic transmission operation, including automatic shift lock function/kickdown function/Tiptronic®
- Brake system for function (including ABS) / parking brake operation – engage and disengage
- Auto Hold operation/indicator light
- Steering for pulling/vibration/steering wheel alignment/telescope/tilt
- Cruise control operation
- Unusual noises/vibrations
- Navigation operation (follow directions back to dealership)
- Verify seat heating operation (if applicable)
- Climate control/air conditioning/heater operation

After Road Test Inspection: Set and/or adjust as necessary:

- Interrogate fault memory using VAS 5051/5052 (attach printout to repair order)
- Set readiness code using VAS 5051/5052 (if necessary) (Print and save GFF diagnosis log)
- Inventory Maintenance Sticker (if applicable)

I certify that all operations have been completed and this vehicle has been prepared in accordance with Volkswagen procedures and Quality Standards.

Technician Signature: _____ Date: _____

Original – Retain with RO in Service File

Copy – Retain in Sales Folder



Service Circular

2005 Inventory Maintenance Checklist

Date: September 26, 2005
Number: VMS-05-13

Vehicle Exterior	new Jetta
Windows, doors, trunk, hood, and sunroof are fully closed.	•
Body surfaces clean and free of environmental damage, scratches, etc.	•
Engine compartment is clean.	•
Check tires for proper inflation pressure.	•
Tighten wheel securing bolts to correct torque setting.	•
Check battery condition – (static voltage min. 12.2 Volts). Recharge if necessary.* Note: Jump-starting may damage ECM.	•
Vehicle Interior	
All accessories, lights turned off.	•
Interior surfaces clean and free of damage.	•
Start engine, check idle and A/C operation.	•
Set local radio stations to Radio, Radio/Navigation systems	•
Drive vehicle a minimum of 1 mile (1.6 Kilometers). Gradually apply brakes several times at 20 mph (32 km/h) to clean brake rotors.	•
Verify disposable floor mats in place.	•
Affix next 30-Day sticker. **	•
Notes:	
* If the battery is dead, disconnected or below 10 volts, use VAS 5051 / VAS 5052 to reset engine and transmission management systems to BASIC setting.	
** Perform the 30-day Maintenance every 30 days (i.e. 60, 90, etc.), until the vehicle is purchased.	



Service Circular

2005 Suggested Repair Times

Date: September 26, 2005
Number: VMS-05-13

Labor operations	Engine	new Jetta
Perfect Delivery Inspection		
01 01 00 22	U.S. Only - Includes Car Wash, Interior Refresh and Rapgard Removal	150
Inventory Maintenance		
01 05 00 20	U.S. Only	25



Service Circular

2005 Scheduled Maintenance Intervals (by Engine)

Date: September 26, 2005
Number: VMS-05-13

Labor operations	Engine	new Jetta
At 5,000 Miles (8,000 Km)		
03 05 00 65	2.5L	35
03 05 00 66	1.9L TDI	50
03 05 00 71	2.0L	35
At 10,000 Miles (15,000 Km)		
03 11 00 65	2.5L	75
03 11 00 66	1.9L TDI	90
03 11 00 71	2.0L	75
At 20,000 Miles (32,000 Km)		
03 21 00 65	2.5L	150
03 21 00 66	1.9L TDI	175
03 21 00 71	2.0L	150
At 30,000 Miles (48,000 Km)		
03 30 00 65	2.5L	75
03 30 00 66	1.9L TDI	90
03 30 00 71	2.0L	75
At 40,000 Miles (64,000 Km)		
03 44 00 65	2.5L	275
03 44 00 66	1.9L TDI	215
03 44 00 71	2.0L	275
At 50,000 Miles (80,000 Km)		
03 51 00 65	2.5L	75
03 51 00 66	1.9L TDI	90
03 51 00 71	2.0L	75



Service Circular

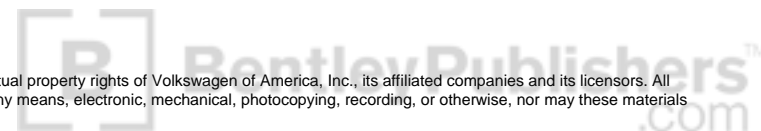
2005 Scheduled Maintenance Intervals (by Engine)

Date: September 26, 2005

Number: VMS-05-13

2.5 Liter Engine:

Miles (in thousands)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Kilometers (in thousands)	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
Engine: change engine oil and oil filter	•	•		•		•		•		•		•		•		•		•		•
Engine: check for leaks				•				•				•				•				•
Service interval display: reset (<i>Where applicable</i>)	•	•		•		•		•		•		•		•		•		•		•
Exhaust system: check for damage & leaks				•				•				•				•				•
Battery: check				•				•				•				•				•
Door check straps: lubricate				•				•				•				•				•
Dust & pollen filter: replace (<i>Where applicable</i>)				•				•				•				•				•
Cooling system: check coolant level; add if necessary				•				•				•				•				•
Wiper blades: check								•								•				
Windshield washer fluid: check level; add if necessary		•		•		•		•		•		•		•		•		•		•
Tires/spare wheel: check condition and pressure				•				•				•				•				•
Tires: check tread depth and adjust pressures if necessary																				
Brake system: check for damage/leaks, brake pad thickness, brake fluid level		•		•		•		•		•		•		•		•		•		•
Wheels: rotate front to rear		•		•		•		•		•		•		•		•		•		•
Spark plugs: replace								•								•				•
Sunroof frame: clean and lubricate				•				•				•				•				•
Air cleaner: replace filter								•								•				•
Drive shafts: check boots				•				•				•				•				•
On-Board Diagnostic system: check fault memory; erase if necessary				•				•				•				•				•
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Service Circular

2005 Scheduled Maintenance Intervals (by Engine)

Date: September 26, 2005

Number : VMS-05-13

2.5 Liter Engine (cont'd):

Miles (in thousands)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Kilometers (in thousands)	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
Tire pressure monitoring systems sensors: check battery charge, replace wheel electronics and aluminum valve if necessary (<i>Where applicable</i>)		•		•		•		•		•		•		•		•		•		•
V-belt/ribbed belt: check tension and condition; adjust if necessary								•								•				
Automatic shift lock: check operation including park/neutral position switch		•		•		•		•		•		•		•		•		•		•
Automatic transmission: check for leaks				•				•				•				•				•
Manual transmission: check oil level; add if necessary; check for leaks				•				•				•				•				•
Direct Shift Transmission (DSG): change transmission fluid and replace filter element								•								•				
Automatic transmission: check ATF								•								•				
Automatic transmission final drive oil: check level and for leaks; add if necessary								•								•				
Headlights: check & adjust if necessary				•				•				•				•				•
Underbody: check for damage								•								•				
Power steering: check fluid level								•								•				
Front axle: check dust seals on ball joints and tie rod ends; check tie rods				•				•				•				•				•
Road Test: check kick down, braking, steering, heating and ventilation, air conditioning, power accessories and electrical systems				•				•				•				•				•
Every 12 months, regardless of mileage (kilometers): Perform visual check on Airbag system.																				
Every 2 years, regardless of mileage (kilometers): Change brake fluid.																				
Every 2 years, regardless of mileage (kilometers): Change dust and pollen filter.																				
Every 4 years, regardless of mileage (kilometers): Replace tire filler bottle in tire mobility set (observe expiration date).																				
Every 4 years, for vehicles driven less than 40,000 miles (60,000 Km) in 4 years: Change spark plugs.																				
Every 6 years, for vehicles driven less than 60,000 miles (90,000 Km) in 6 years: Change air filter element and clean housing.																				
Every 6 years, regardless of mileage (kilometers): Change tire pressure sensors.																				



Service Circular

2005 Scheduled Maintenance Intervals (by Engine)

Date: September 26, 2005

Number : VMS-05-13

2.0 Liter TFSI Engine:

Miles (in thousands)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Kilometers (in thousands)	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
Engine: change engine oil and oil filter	•	•		•		•		•		•		•		•		•		•		•
Engine: check for leaks				•		•		•		•		•		•		•		•		•
Service interval display: reset <i>(Where applicable)</i>	•	•		•		•		•		•		•		•		•		•		•
Exhaust system: check for damage & leaks				•		•		•		•		•		•		•		•		•
Battery: check				•		•		•		•		•		•		•		•		•
Door check straps: lubricate				•		•		•		•		•		•		•		•		•
Dust & pollen filter: replace <i>(Where applicable)</i>				•		•		•		•		•		•		•		•		•
Cooling system: check coolant level; add if necessary				•		•		•		•		•		•		•		•		•
Wiper blades: check				•		•		•		•		•		•		•		•		•
Windshield washer fluid: check level; add if necessary		•		•		•		•		•		•		•		•		•		•
Tires/spare wheel: check condition and pressure				•		•		•		•		•		•		•		•		•
Tires: check tread depth and adjust pressures if necessary				•		•		•		•		•		•		•		•		•
Brake system: check for damage/leaks, brake pad thickness, brake fluid level		•		•		•		•		•		•		•		•		•		•
Wheels: rotate front to rear		•		•		•		•		•		•		•		•		•		•
Spark plugs: replace												•								•
Sunroof frame: clean and lubricate				•		•		•		•		•		•		•		•		•
Air cleaner: replace filter								•								•				•
Drive shafts: check boots				•		•		•		•		•		•		•		•		•
On-Board Diagnostic system: check fault memory; erase if necessary				•		•		•		•		•		•		•		•		•
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Service Circular

2005 Scheduled Maintenance Intervals (by Engine)

Date: September 26, 2005

Number : VMS-05-13

2.0 Liter TFSI Engine (cont.):

Miles (in thousands)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Kilometers (in thousands)	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
Tire pressure monitoring systems sensors: check battery charge, replace wheel electronics and aluminum valve if necessary (<i>Where applicable</i>)		•		•		•		•		•		•		•		•		•		•
Timing belt: check tension												•				•				•
V-belt/ribbed belt: check tension and condition; adjust if necessary								•								•				
Automatic shift lock: check operation including park/neutral position switch		•		•		•		•		•		•		•		•		•		•
Automatic transmission: check for leaks				•				•				•				•				•
Manual transmission: check oil level; add if necessary; check for leaks				•				•				•				•				•
Direct Shift Transmission (DSG): change transmission fluid and replace filter element								•								•				
Automatic transmission: check ATF								•								•				
Automatic transmission final drive oil: check level and for leaks; add if necessary								•								•				
Headlights: check & adjust if necessary				•				•				•				•				•
Underbody: check for damage								•								•				
Power steering: check fluid level								•								•				
Front axle: check dust seals on ball joints and tie rod ends; check tie rods				•				•				•				•				•
Road Test: check kick down, braking, steering, heating and ventilation, air conditioning, power accessories and electrical systems				•				•				•				•				•
Every 12 months, regardless of mileage (kilometers): Perform visual check on Airbag system.																				
Every 2 years, regardless of mileage (kilometers): Change brake fluid.																				
Every 2 years, regardless of mileage (kilometers): Change dust and pollen filter.																				
Every 4 years, regardless of mileage (kilometers): Replace tire filler bottle in tire mobility set (observe expiration date).																				
Every 4 years, for vehicles driven less than 60,000 miles (90,000 Km) in 4 years: Change spark plugs.																				
Every 6 years, for vehicles driven less than 60,000 miles (90,000 Km) in 6 years: Change air filter element and clean housing.																				
Every 6 years, regardless of mileage (kilometers): Change tire pressure sensors.																				



Service Circular

2005 Scheduled Maintenance Intervals (by Engine)

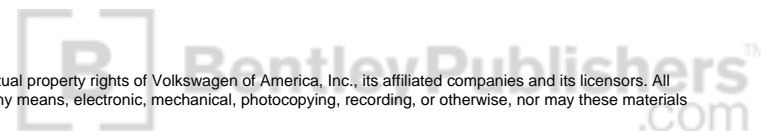
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Number : VMS-05-13

1.9 Liter TDI Engine:

Miles (in thousands)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Kilometers (in thousands)	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
Engine: change engine oil and oil filter	•	•		•		•		•		•		•		•		•		•		•
Service interval display: reset <i>(Where applicable)</i>	•	•		•		•		•		•		•		•		•		•		•
Engine: check for leaks				•				•				•				•				•
Battery: check				•				•				•				•				•
Door check straps: lubricate				•				•				•				•				•
Wipers: check								•								•				
Windshield washer fluid: check level; add if necessary		•		•		•		•		•		•		•		•		•		•
Dust & pollen filter: replace <i>(Where applicable)</i>				•				•				•				•				•
Automatic shift lock: check operation including park/neutral position switch		•		•		•		•		•		•		•		•		•		•
Automatic transmission: check for leaks				•				•				•				•				•
Manual transmission: check oil level; add if necessary; check for leaks				•				•				•				•				•
Tire pressure monitoring system sensors: check battery charge, replace wheel electronics and aluminum valve if necessary <i>(Where applicable)</i>		•		•		•		•		•		•		•		•		•		•
Tires: check tread depth and adjust pressure if necessary		•		•		•		•		•		•		•		•		•		•
Tires/spare wheel: check condition and pressure				•				•				•				•				•
Wheels: rotate front to rear		•		•		•		•		•		•		•		•		•		•
Drive shafts: check boots				•				•				•				•				•
On-Board Diagnostic system: check fault memory; erase if necessary				•				•				•				•				•
Brake system: check for damage/leaks, brake pad thickness, brake fluid level		•		•		•		•		•		•		•		•		•		•

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Service Circular

2005 Scheduled Maintenance Intervals (by Engine)

Date: September 26, 2005

Number : VMS-05-13

1.9 Liter TDI Engine (cont'd):

Miles (in thousands)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Kilometers (in thousands)	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
Cooling system: check coolant level; add if necessary				•				•				•				•				•
Automatic transmission: check ATF								•								•				
Direct shift transmission (DSG): change fluid and filter								•								•				
Front axle: check dust seals on ball joints and tie rod ends; check tie rods				•				•				•				•				•
Air cleaner: replace filter								•								•				
Headlights: check & adjust if necessary				•				•				•				•				•
Exhaust system: check for damage & leaks				•				•				•				•				•
Sunroof frame: clean and lubricate				•				•				•				•				•
Power steering: check fluid level								•								•				
Water separator: drain	•	•		•		•		•		•		•		•		•		•		•
Fuel filter: replace				•				•				•				•				•
Timing belt: replace																•				
V-belt/ribbed belt: check; adjust if necessary								•								•				
Road Test: check kickdown, braking, steering, heating and ventilation, air conditioning, power accessories and electrical systems				•				•				•				•				•
Every 12 months, regardless of mileage (kilometers): Perform visual check on Airbag system.																				
Every 2 years, regardless of mileage (kilometers): Change brake fluid.																				
Every 2 years, regardless of mileage (kilometers): Change dust and pollen filter.																				
Every 4 years, regardless of mileage (kilometers): Replace tire filler bottle in tire mobility set (observe expiration date).																				
Every 4 years, for vehicles driven less than 40,000 miles (60,000 Km) in 4 years: Change spark plugs.																				
Every 6 years, for vehicles driven less than 60,000 miles (90,000 Km) in 6 years: Change air filter element and clean housing.																				
Every 6 years, regardless of mileage (kilometers): Change tire pressure sensors.																				