

## Effectivity

Year	Make	Model	Engine Code
2013-2018	BMW	328d xDrive Sedan (F30)	N47TU
2013-2018	BMW	328d Sedan (F30)	N47TU
2014-2018	BMW	328d xDrive Sports Wagon (F31)	N47TU
2015-2017	BMW	X3 xDrive 28d (F25)	N47TU

Year	Make	Model	Engine Code
2013-2018	BMW	X5 xDrive 35d (F15)	N57TU
2014-2016	BMW	535d (F10)	N57TU
2014-2016	BMW	535d xDrive (F10)	N57TU
2015	BMW	740Ld (F01)	N57TU
2015	BMW	740Ld xDrive (F01)	N57TU

## Maintenance Requirements

### Factory-scheduled

\*Status controlled by onboard CBS indicator

- **\*Every 1 year or 10,000 miles:** Replace engine oil and oil filter. [1]
- **Every 2<sup>nd</sup> Engine Oil Service:** Replace ventilation (cabin) microfilter. [2] [3]
- **Every 3<sup>rd</sup> Engine Oil Service:** Replace air (engine) filter element. [2] [3]
- **Every 4<sup>th</sup> Engine Oil Service:** Replace diesel fuel filter. [2] [3]
- **\*Every 2 years:** Replace brake fluid. NOTE: first brake fluid change is at Year 3, then every 2 years thereafter. [1]
- **Every 120,000 miles:** Replace oxygen sensor [2]
- **Every 150,000 miles:** clean or replace DPF (NOTE: 150k lifespan hard-coded by BMW)

### Preventative

Includes minimum factory-scheduled items in addition to preventative items recommended by the BMW community. Includes all factory-scheduled maintenance plus:

- **Every 10,000 miles:** Scan and review fault codes, Inspect/top-off fluids (DEF, wiper fluid, coolant), Check 12V battery level
- **Every 10,000 miles:** Rotate tires (non-staggered setups only)
- **Every 20,000 miles:** Replace cabin air filter
- **Every 30,000 miles:** Replace engine air filter
- **Every 4 years:** Replace engine coolant
- **Every 60,000 miles:** replace accessory belt and tensioner [4]
- **Every 60,000 miles:** replace transmission fluid and filter [4] [5]

- **Every 60,000 miles:** replace differential fluid
- **Every 60,000 miles:** replace transfer case fluid (xDrive only)
- **Every 60,000 miles:** inspect suspension components, replace if necessary
- **Every 60,000 miles:** inspect all mounts, bushings, and rubber components for cracks, replace if necessary

### Proactive

Most extensive maintenance schedule including proactive replacement of parts and increased frequency of inspections. Includes all factory-scheduled and preventative maintenance items plus:

- **Every 30 days:** Check/adjust tire pressures, functional test all exterior lights, inspect engine compartment for leaks/damage, check engine oil level, check suspension for leaks/damage
- **Every 5,000 miles:** scan and review fault codes, inspect/top-off fluids
- **Every 5,000 miles:** replace oil filter
- **Every 1 year:** replace wiper blades
- **Every 1 year:** full interior and exterior detail
- **Every 1 year:** operate and/or adjust parking brake
- **Every 10,000 miles:** inspect/clean engine air filter
- **Every 5 years:** replace 12V battery
- **Every 60,000 miles:** replace glow plugs
- **Every 120,000 miles:** replace water pump, thermostat housing assembly
- **Every 120,000 miles:** replace coolant and fuel hoses [4]

# Maintenance Schedule

Perform maintenance schedule at specified time or mileage, whichever comes first. Items with (\*) may be replaced out of cycle when prompted by CBS.

		BMW Ultimate Care												
		Time	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
	Service Action	Mileage (mi)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000
Factory-Sked.	Replace engine oil and oil filter		X*	X*	X*	X*	X*	X*	X*	X*	X*	X*	X*	X*
	Replace cabin air filter			X		X		X		X		X		X
	Replace engine air filter				X			X			X			X
	Replace brake fluid						X*		X*		X*		X*	
	Replace diesel fuel filter					X				X				X
	Replace oxygen sensors													X
Preventative	Scan/review fault codes, Inspect/top-off fluids (DEF, wiper fluid, coolant), Check 12V battery level		X	X	X	X	X	X	X	X	X	X	X	X
	Rotate tires (square setups only)		X	X	X	X	X	X	X	X	X	X	X	X
	Replace engine coolant					X				X				X
	Replace accessory belt and tensioner							X						X
	Replace transmission fluid and filter							X						X
	Replace (both) differential fluid							X						X
	Replace transfer case fluid (xDrive only)							X						X
	Inspect suspension components, replace if necessary							X						X
	Inspect all mounts, bushings, and rubber components for cracks, replace if necessary							X						X
Proactive	Inspect engine compartment for leaks and damage, repair as necessary							X						X
	Replace oil filter housing gaskets and coolant flange							X						X
	Check crankcase ventilation pressure							X						X
	Adjust parking brake and check rear retention clip							X						X
	Replace glow plugs							X						X
	Replace water pump, thermostat housing assembly													X
	Replace all rubber hoses in engine compartment													X

## Works Cited

- [1] BMW of North America, LLC, Maintenance: 2017 BMW, Woodcliff Lake: BMW of North America, LLC, 2016.
- [2] BMW of North America, LLC, Service and Warranty Information, 2016 BMW 3 Series, 5 Series & 7 Series, Woodcliff Lake: BMW of North America, LLC, 2015.
- [3] BMW of North America, LLC, Service and Warranty Information, 2015 3 Series, 5 Series & 7 Series, Woodcliff Lake: BMW of North America, LLC, 2014.
- [4] M. Miller, "Lifetime Maintenance Schedule v03.13," Drive Wheels, LLC, 2013.
- [5] ZF, "TE-ML 11 edition 01.04.2020," ZF Friedrichshafen AG, Friedrichshafen, 2020.