

## SERVICE AT A GLANCE MAINTENANCE INTERVALS FOR PINNACLE™, GRANITE®, TERRAPRO®, TITAN AND ANTHEM™ MANUFACTURED YEAR 2010 THROUGH 2016

R PINNACLE™, GRANITE®, TERRAPRO®, TITAN AND ANTHEM™ MANUFACTURED YEAR 2010 THROUGH 2016				
		Normal Duty Greater than 6 mpg Less than 39L/100km	Heavy Duty Greater than 5 mpg Less than 50L/100km	Severe Duty Less than 5 mpg Greater than 50L/100km
ENGINE				
MACK PREMIUM ENGINE OIL, FILTERS AND FUEL FILTERS  Manufactured Year 2010 and Newer Engines Using Mack EOS-4.5 Oil Specifications  NOTE: Mack cannot be held responsible for problems caused by non-genuine filters that do not meet Mack performance or durability requirements.	*Mack Engine Oil EOS-4.5/ **Other Mack Approved			
MP7 / MP8 or MP10 with 42 L / 44 Qt Oil Pan: Mack EOS-4.5*, Filters and Fuel Filters (Replace) If idle time is greater than 30%, use the next lower drain interval.	Miles  Km  Hours	60,000* / 55,000** 95,000* / 90,000** 1,700* / 1,600**	45,000* / 40,000** 70,000* / 65,000** 1,300* / 1,200**	35,000* / 30,000** 55,000* / 50,000** 825* / 750**
MP10 with 52 L / 55 Qt Oil Pan: Mack EOS-4.5*, Filters, and Fuel Filters (Replace)	Miles	65,000* / 60,000**	50,000* / 45,000**	40,000* / 35,000**
If idle time is greater than 30%, use the next lower drain interval.	Km Hours	1,750 / 1,650**	80,000* / 70,000** 1,300 / 1,200**	65,000* / 55,000** 825/750**
Manufactured Year 2010 to 2016 Engines Using Mack Engine Oil EOS-4	Miles	45.000	05.000	05.000
MP7 / MP8 or MP10 with 42 L / 44 Qt Oil Pan: Mack EOS-4*, Filters and Fuel Filters (Replace) If idle time is greater than 30%, use the next lower drain interval.	Km	45,000 75,000 1,300	35,000 60,000 1,000	25,000 45,000 625
MP10 with 52 L / 55 Qt Oil Pan: Mack EOS-4***, Filters, and Fuel Filters (Replace)  If idle time is greater than 30%, use the next lower drain interval.	Miles Km	50,000 80,000	45,000 75,000	35,000 60,000
MACK PREMIUM LONG-LIFE COOLANT	Hours	1,300	1,000	625
Mack Premium Long-Life Coolant (Replace)  Mack Premium Long-Life Coolant Filter (Replace)	Miles		750,000	
	Km Hours	1.200,000 96 months		
	Miles		150,000	
Mack Fremium Long-Life Coolant Filter (Neplace)	Time	240,000 12 months		
MACK PREMIUM FULLY FORMULATED COOLANT	Miles	300	000	150,000
Mack Premium Fully Formulated Coolant (Replace)	Km	300,000 500,000 24 months		240,000 12 months
Mack Premium Fully Formulated Coolant Conditioner Filter (Replace)	Time		At every oil change	
MISCELLANEOUS	Miles		150,000 / then every 300,000	
Valve Adjustment	Km	150,000 / then every 300,000 240,000 / then every 500,000		
	Time Miles	12 months / then every 24 months 300,000 150,000		
Fan and Accessory Drive Belt (Replace)	Km	500,000 240,000		
Mack Premium Air Filter and Fuel Tank Ventilation Filter (Replace)		36 months 12 months  At max restrictions as indicated an acure of 10 months  At max restrictions as indicated an acure of 10 months		
Mack Fremani 7 in Filter and Facilitating Ventillation Filter (Flepiace)	Time	At may reginetione ag indica	ated on gauge or 12 months	
EXHAUST AFTERTREATMENT SYSTEM			Heavy Duty	on gauge, or 6 months
EXHAUST AFTERTREATMENT SYSTEM	Miles	Normal Duty 400	Heavy Duty	on gauge, or 6 months  Severe Duty  250,000
EXHAUST AFTERTREATMENT SYSTEM  Diesel Particle Filter (DPF) - Clean		Normal Duty 400 650	Heavy Duty	on gauge, or 6 months  Severe Duty
Diesel Particle Filter (DPF) - Clean	Miles Km Hours Miles	Normal Duty 400 650	Heavy Duty ,000 ,000 000 150,000	on gauge, or 6 months  Severe Duty  250,000  400,000
	Miles Km Hours	Normal Duty 400 650	Heavy Duty ,000 ,000	on gauge, or 6 months  Severe Duty  250,000  400,000
Diesel Particle Filter (DPF) - Clean  Diesel Particle Filter (DPF) Ignition Electrode and Nozzle  Aftertreatment Hydrocarbon Injector (AHI)	Miles Km Hours Miles Km Hours Miles Km Hours	Normal Duty 400 650	Heavy Duty ,000 ,000 000 150,000 240,000 4,500 150,000	on gauge, or 6 months  Severe Duty  250,000  400,000
Diesel Particle Filter (DPF) - Clean  Diesel Particle Filter (DPF) Ignition Electrode and Nozzle	Miles Km Hours Miles Km Hours	Normal Duty 400 650	Heavy Duty ,000 ,000 000 150,000 240,000 4,500	on gauge, or 6 months  Severe Duty  250,000  400,000
Diesel Particle Filter (DPF) - Clean  Diesel Particle Filter (DPF) Ignition Electrode and Nozzle  Aftertreatment Hydrocarbon Injector (AHI) MY 2011 to 2012 (April) clean AHI nozzle. MY 2012 (May) and newer replace AHI nozzle and data reset.  DEF, Pump and Tank Filler Neck Filter	Miles Km Hours Miles Km Hours Km	Normal Duty 400 650	Heavy Duty ,000 ,000 000 150,000 240,000 4,500 150,000 240,000	on gauge, or 6 months  Severe Duty  250,000  400,000
Diesel Particle Filter (DPF) - Clean  Diesel Particle Filter (DPF) Ignition Electrode and Nozzle  Aftertreatment Hydrocarbon Injector (AHI) MY 2011 to 2012 (April) clean AHI nozzle. MY 2012 (May) and newer replace AHI nozzle and data reset.	Miles Km Hours Miles Km Hours Km Hours Miles Km Hours Miles Km Hours	Normal Duty  400 650 10,	Heavy Duty  ,000 ,000  150,000  240,000  4,500  150,000  4,500  150,000  240,000  4,500  150,000  4,500	on gauge, or 6 months  Severe Duty  250,000  400,000  4,500
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Diesel Particle Filter (DPF) - Clean  Diesel Particle Filter (DPF) Ignition Electrode and Nozzle  Aftertreatment Hydrocarbon Injector (AHI) MY 2011 to 2012 (April) clean AHI nozzle. MY 2012 (May) and newer replace AHI nozzle and data reset.  DEF, Pump and Tank Filler Neck Filter Drain DEF tank, replace DEF pump main filter, clean DEF tank neck filter.  TRANSMISSION AND AXLES  MACK mDRIVETM TRANSMISSION  mDRIVE  Transmission oil and filter (Replace) Oil quality: Mack Transmission Oil 97319 for manufactured years 2015-2016	Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Time	Normal Duty  400 650 10,  Normal Duty  500 800 60 m	Heavy Duty ,,000 ,,000 ,,000  150,000  240,000  4,500  150,000  240,000  4,500  150,000  4,500  Heavy Duty  ,,000 ,,000 ,,000  onths	Severe Duty 250,000 400,000 4,500  Severe Duty  Severe Duty
Diesel Particle Filter (DPF) - Clean  Diesel Particle Filter (DPF) Ignition Electrode and Nozzle  Aftertreatment Hydrocarbon Injector (AHI) MY 2011 to 2012 (April) clean AHI nozzle. MY 2012 (May) and newer replace AHI nozzle and data reset.  DEF, Pump and Tank Filler Neck Filter Drain DEF tank, replace DEF pump main filter, clean DEF tank neck filter.  TRANSMISSION AND AXLES  MACK mdrive™ Transmission mdrive  Transmission oil and filter (Replace) Oil quality: Mack Transmission Oil 97319 for manufactured years 2015-2016 Manufactured year 2010-2014 with radiator mounted oil cooler will require Mack transmission oil 97318  mdrive; mdrive Severe Duty and mdrive with Crawler Gears  Transmission oil and filter (Replace)	Miles Km Hours Miles Km Km Hours	Normal Duty  Normal Duty  Normal Duty  500 800 60 m	Heavy Duty ,000 ,000  150,000  240,000  4,500  150,000  240,000  4,500  150,000  Heavy Duty  ,000  ,000	Severe Duty 250,000 400,000 4,500  Severe Duty
Diesel Particle Filter (DPF) - Clean  Diesel Particle Filter (DPF) Ignition Electrode and Nozzle  Aftertreatment Hydrocarbon Injector (AHI) MY 2011 to 2012 (April) clean AHI nozzle. MY 2012 (May) and newer replace AHI nozzle and data reset.  DEF, Pump and Tank Filler Neck Filter Drain DEF tank, replace DEF pump main filter, clean DEF tank neck filter.  TRANSMISSION AND AXLES  MACK mDRIVE™ TRANSMISSION  mDRIVE  Transmission oil and filter (Replace) Oil quality: Mack Transmission Oil 97319 for manufactured years 2015-2016 Manufactured year 2010-2014 with radiator mounted oil cooler will require Mack transmission oil 97318  mDRIVE; mDRIVE Severe Duty and mDRIVE with Crawler Gears  Transmission oil and filter (Replace) Oil quality: Mack Transmission Oil 97319	Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Time Miles	Normal Duty  400 650 10,  Normal Duty  500 800 60 m	Heavy Duty  ,000 ,000  150,000  240,000  4,500  150,000  240,000  4,500  150,000  240,000  4,500  Heavy Duty  ,000  ,000  ,000  onths	Severe Duty  250,000  400,000  4,500  Severe Duty  Not Allowed
Diesel Particle Filter (DPF) - Clean  Diesel Particle Filter (DPF) Ignition Electrode and Nozzle  Aftertreatment Hydrocarbon Injector (AHI) MY 2011 to 2012 (April) clean AHI nozzle. MY 2012 (May) and newer replace AHI nozzle and data reset.  DEF, Pump and Tank Filler Neck Filter Drain DEF tank, replace DEF pump main filter, clean DEF tank neck filter.  TRANSMISSION AND AXLES  MACK mdrive™ Transmission  mdrive  Transmission oil and filter (Replace) Oil quality: Mack Transmission Oil 97319 for manufactured years 2015-2016 Manufactured year 2010-2014 with radiator mounted oil cooler will require Mack transmission oil 97318  mdrive; mdrive Severe Duty and mdrive with Crawler Gears  Transmission oil and filter (Replace)	Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Time  Miles Km Time	Normal Duty  400 650 10,  Normal Duty  500 800 60 m	Heavy Duty  ,000 ,000  150,000  240,000  4,500  150,000  240,000  4,500  150,000  4,500  Heavy Duty  ,000 ,000  ,000  ,000	Severe Duty  250,000  400,000  4,500  Severe Duty  Not Allowed  250,000  400,000
Diesel Particle Filter (DPF) - Clean  Diesel Particle Filter (DPF) Ignition Electrode and Nozzle  Aftertreatment Hydrocarbon Injector (AHI) MY 2011 to 2012 (April) clean AHI nozzle. MY 2012 (May) and newer replace AHI nozzle and data reset.  DEF, Pump and Tank Filler Neck Filter Drain DEF tank, replace DEF pump main filter, clean DEF tank neck filter.  TRANSMISSION AND AXLES  MACK mDRIVE™ TRANSMISSION  mDRIVE  Transmission oil and filter (Replace) Oil quality: Mack Transmission Oil 97319 for manufactured years 2015-2016 Manufactured year 2010-2014 with radiator mounted oil cooler will require Mack transmission oil 97318  mDRIVE; mDRIVE Severe Duty and mDRIVE with Crawler Gears  Transmission oil and filter (Replace) Oil quality: Mack Transmission Oil 97319	Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Time  Miles Km Time  Miles	Normal Duty  400 650 10, 10,  Normal Duty  500 800 60 m 500 800 60 m	Heavy Duty  ,000 ,000  150,000  240,000  4,500  150,000  240,000  4,500  150,000  240,000  4,500  Heavy Duty  ,000 ,000  onths	Severe Duty  250,000  400,000  4,500  Severe Duty  Not Allowed  250,000  400,000  2,500 h  80,000  125,000
Diesel Particle Filter (DPF) - Clean  Diesel Particle Filter (DPF) Ignition Electrode and Nozzle  Aftertreatment Hydrocarbon Injector (AHI) MY 2011 to 2012 (April) clean AHI nozzle. MY 2012 (May) and newer replace AHI nozzle and data reset.  DEF, Pump and Tank Filler Neck Filter Drain DEF tank, replace DEF pump main filter, clean DEF tank neck filter.  TRANSMISSION AND AXLES  MACK mDRIVE™ TRANSMISSION  mDRIVE  Transmission oil and filter (Replace) Oil quality: Mack Transmission Oil 97319 for manufactured years 2015-2016 Manufactured year 2010-2014 with radiator mounted oil cooler will require Mack transmission oil 97318  mDRIVE; mDRIVE Severe Duty and mDRIVE with Crawler Gears  Transmission oil and filter (Replace) Oil quality: Mack Transmission Oil 97319  MACK PROPRIETARY AXLES	Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Time  Miles Km Time  Miles	Normal Duty  400 650 10, 10,  Normal Duty  500 800 60 m 500 800 60 m	Heavy Duty  ,,000 ,,000 ,,000  150,000 240,000 4,500 150,000 240,000 4,500  Heavy Duty  ,,000 ,,000 ,,000 ,,000 ,,000 ,,000 ,,000 ,,000 ,,000 ,,000 ,,000	Severe Duty  250,000  400,000  4,500  Severe Duty  Not Allowed  250,000  400,000  2,500 h
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Diesel Particle Filter (DPF) - Clean  Diesel Particle Filter (DPF) Ignition Electrode and Nozzle  Aftertreatment Hydrocarbon Injector (AHI) MY 2011 to 2012 (April) clean AHI nozzle. MY 2012 (May) and newer replace AHI nozzle and data reset.  DEF, Pump and Tank Filler Neck Filter Drain DEF tank, replace DEF pump main filter, clean DEF tank neck filter.  TRANSMISSION AND AXLES  MACK mDRIVE™ TRANSMISSION  mDRIVE  Transmission oil and filter (Replace) Oil quality: Mack Transmission Oil 97319 for manufactured years 2015-2016 Manufactured year 2010-2014 with radiator mounted oil cooler will require Mack transmission oil 97318  mDRIVE; mDRIVE Severe Duty and mDRIVE with Crawler Gears  Transmission oil and filter (Replace) Oil quality: Mack Transmission Oil 97319  MACK PROPRIETARY AXLES  Rear Axle Oil (Replace)  Vendor Rear Axle Oil (Replace)  3 Axle Alignment  CHASSIS	Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Time  Miles Km Time  Miles Km Time	Normal Duty  15,	Heavy Duty ,000 ,000  150,000  240,000  4,500  150,000  240,000  4,500  150,000  240,000  4,500  Heavy Duty  ,000 ,000  onths  axle manufacturer guidelines ime: 12 months (minimum)  Heavy Duty  000  000	Severe Duty  250,000  400,000  4,500  Severe Duty  Not Allowed  250,000  400,000  2,500 h  80,000  125,000  12 months  Severe Duty  10,000
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Diesel Particle Filter (DPF) - Clean  Diesel Particle Filter (DPF) Ignition Electrode and Nozzle  Aftertreatment Hydrocarbon Injector (AHI) MY 2011 to 2012 (April) clean AHI nozzle. MY 2012 (May) and newer replace AHI nozzle and data reset.  DEF, Pump and Tank Filler Neck Filter Drain DEF tank, replace DEF pump main filter, clean DEF tank neck filter.  TRANSMISSION AND AXLES  MACK mDRIVE™ TRANSMISSION  mDRIVE  Transmission oil and filter (Replace) Oil quality: Mack Transmission Oil 97319 for manufactured years 2015-2016 Manufactured year 2010-2014 with radiator mounted oil cooler will require Mack transmission oil 97318  mDRIVE; mDRIVE Severe Duty and mDRIVE with Crawler Gears  Transmission oil and filter (Replace) Oil quality: Mack Transmission Oil 97319  MACK PROPRIETARY AXLES  Rear Axle Oil (Replace)  Vendor Rear Axle Oil (Replace)  Vendor Rear Axle Oil (Replace)  Saxle Alignment  CHASSIS  Mack Premium Chassis Lubrication  Electrical System Connectors (Check)	Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Hours Miles Km Time  Miles Km Time  Miles Km Time  Miles Km Time  Miles Km Time	Normal Duty  15,	Heavy Duty ,000 ,000  150,000  240,000  4,500  150,000  240,000  4,500  150,000  240,000  4,500  Heavy Duty  000  000  12 months  Every 6 months  150,000  240,000  12 months  Every 6 months  150,000  240,000  12 months	Severe Duty  250,000  400,000  4,500  Severe Duty  Not Allowed  250,000  400,000  2,500 h  80,000  125,000  12 months  Severe Duty  10,000