

SCHEDULED SERVICES - DIESEL

1986 Isuzu Trooper II

1984-87 MAINTENANCE
Isuzu Maintenance & Service Intervals (Diesel)
Trooper II

*** PLEASE READ THIS FIRST ***

- NOTE: All SERVICE SCHEDULES are listed for normal service vehicles. If vehicle is operated under severe service conditions, see SEVERE SERVICE REQUIREMENTS (PERFORM W/SERVICE SCHEDULES) for items requiring additional maintenance.
- NOTE: This article contains scheduled maintenance service information. Fluid types and capacities listed with each service in this article are only those necessary to perform that scheduled service. For specifications pertaining to fluid capacities for the entire vehicle, fuse and circuit breaker identification, wheel and tire size, battery type, warranty information, or model identification refer to the MAINTENANCE INFORMATION article in this section.

CAUTIONS & WARNINGS

DIESEL ENGINES

Using SAE 10W-40 oil, or any other viscosity other than those viscosities recommended by Isuzu may reduce engine life and affect warranty.

CAMSHAFT TIMING BELT REPLACEMENT INFORMATION

CAUTION: Failure to replace a faulty camshaft timing belt may result in serious engine damage.

The condition of camshaft drive belts should always be checked on vehicles which have more than 50,000 miles. Although some manufacturers do not recommend belt replacement at a specified mileage, others require it at 60,000-100,000 miles. A camshaft drive belt failure may cause extensive damage to internal engine components on most engines, although some designs do not allow piston-to-valve contact. These designs are often called "Free Wheeling".

Many manufacturers changed their maintenance and warranty schedules in the mid-1980's to reflect timing belt inspection and/or replacement at 50,000-60,000 miles. Most service interval schedules in this manual reflect these changes.

Belts or components should be inspected and replaced if any of the following conditions exist:

- * Cracks Or Tears In Belt Surface
- * Missing, Damaged, Cracked Or Rounded Teeth
- * Oil Contamination
- * Damaged Or Faulty Tensioners
- * Incorrect Tension Adjustment

Replace camshaft timing belt at 60,000 mile intervals.

SEVERE & NORMAL SERVICE DEFINITIONS

Service is recommended at mileage intervals based on vehicle operation. Service schedules are based on the following primary operating conditions:

Normal Service

- * Driven More Than 10 Miles Daily
- * No Operating Conditions From Severe Service Schedule

Severe Service (Unique Driving Conditions)

- * Short Trips (About 10 Miles) In Freezing Temperatures
- * Towing Or Heavily Loaded
- * Severe Dust Conditions
- * Hot Weather, Stop-And-Go Driving
- * Extensive Idling Conditions (Taxi Or Delivery Type Service)

SEVERE SERVICE REQUIREMENTS (PERFORM W/SERVICE SCHEDULES)

NOTE: The following services are to be performed on vehicles subjected to severe service. See SEVERE & NORMAL SERVICE DEFINITIONS. This service is to be performed in addition to the normal services listed in the NORMAL MAINTENANCE SERVICE SCHEDULES.

SEVERE SERVICE CONDITIONS/ACTIONS TABLE

Condition	Action	Item	Perform Every (1)
Short Trips (About 10 Miles) In Freezing Temperatures	Replace	Engine Oil	2,500 Miles
	Replace	Engine Oil Filter	5,000 Miles
	Inspect	M/T Fluid	7,500 Miles or 12 Months
	Inspect	Transfer Case Fluid	7,500 Miles or 12 Months
	Inspect	Front & Rear Axle Lubricant	7,500 Miles or 12 Months
	Service	Drain Water Separator	7,500 Miles or 12 Months
	Replace	M/T Fluid	30,000 Miles
	Replace	Transfer Case Fluid	30,000 Miles
	Replace	Front & Rear Axle Lubricant	30,000 Miles
Towing Or Heavily Loaded	Replace	Engine Oil	2,500 Miles
	Replace	Engine Oil Filter	5,000 Miles

	Inspect	M/T Fluid	7,500 Miles or 12 Months
	Inspect	Transfer Case Fluid	7,500 Miles or 12 Months
	Inspect	Front & Rear Axle Lubricant	7,500 Miles or 12 Months
	Service	Drain Water Separator	7,500 Miles or 12 Months
	Replace	M/T Fluid	30,000 Miles
	Replace	Transfer Case Fluid	30,000 Miles
	Replace	Front & Rear Axle Lubricant	30,000 Miles
Severe Dust Conditions	Replace	Engine Oil	2,500 Miles
	Replace	Engine Oil Filter	5,000 Miles
	Inspect	M/T Fluid	7,500 Miles or 12 Months
	Inspect	Transfer Case Fluid	7,500 Miles or 12 Months
	Inspect	Front & Rear Axle Lubricant	7,500 Miles or 12 Months
	Service	Drain Water Separator	7,500 Miles or 12 Months
	Replace	M/T Fluid	30,000 Miles
	Replace	Transfer Case Fluid	30,000 Miles
	Replace	Front & Rear Axle Lubricant	30,000 Miles
Hot Weather, Stop-And-Go Driving	Replace	Engine Oil	2,500 Miles
	Replace	Engine Oil Filter	5,000 Miles
	Inspect	M/T Fluid	7,500 Miles or 12 Months
	Inspect	Transfer Case Fluid	7,500 Miles or 12 Months
	Inspect	Front & Rear Axle Lubricant	7,500 Miles or 12 Months
	Service	Drain Water Separator	7,500 Miles or 12 Months

	Replace	M/T Fluid	30,000 Miles
	Replace	Transfer Case Fluid	30,000 Miles
	Replace	Front & Rear Axle Lubricant	30,000 Miles
Extensive Idling Conditions (Taxi Or Delivery Type Service)	Replace	Engine Oil	2,500 Miles
	Replace	Engine Oil Filter	5,000 Miles
	Inspect	M/T Fluid	7,500 Miles or 12 Months
	Inspect	Transfer Case Fluid	7,500 Miles or 12 Months
	Inspect	Front & Rear Axle Lubricant	7,500 Miles or 12 Months
	Service	Drain Water Separator	7,500 Miles or 12 Months
	Replace	M/T Fluid	30,000 Miles
	Replace	Transfer Case Fluid	30,000 Miles
	Replace	Front & Rear Axle Lubricant	30,000 Miles
(1) - Perform these services at the mileage or number of months (since the last time), whichever comes first.			

NORMAL MAINTENANCE SERVICE SCHEDULES (DIESEL)

The following service schedules refer to vehicles driven under normal operating conditions. For vehicles driven under severe conditions, additional services may be necessary. See SEVERE SERVICE REQUIREMENTS (PERFORM W/SERVICE SCHEDULES) above in this article for additional service requirements.

7500 MILE (12,000 KM) SERVICE

7500 MILE (12,000 KM) SERVICE

Service Or Inspect	
	Fluid Levels
	Drain Water From Fuel Filter
	Steering & Exhaust System
	Brake Systems

	Rotate Tires
	Lube Body & Chassis Components
	Replace
	Engine Oil & Filter
	Front & Rear Axle Oil
	Manual Transmission Oil
	Transfer Case Oil
Lubrication Specifications	
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF
(1) - Not recommended for sustained high speed driving.	
Fluid Capacities	
Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)
(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.	
(2) - Includes filter change.	

15,000 MILE (24,000 KM) SERVICE

15,000 MILE (24,000 KM) SERVICE

Service Or Inspect

	Verify Last Major Service Was Performed
	Fluid Levels
	Cooling System
	Drain Water From Fuel Filter
	Steering & Exhaust Systems
	Fuel Line & Fuel Tank/Cap
	Drive Belts
	Valve Clearance
	Tire Rotation
	Brake Systems
	Pedal Free-Play
	Accelerator Linkage
	Steering Linkage & Suspension
	Lube Body & Chassis Components
Replace	
	Engine Oil & Filter
Lubrication Specifications	
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF
(1) - Not recommended for sustained high speed driving.	
Fluid Capacities	
Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)

Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)
(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.	
(2) - Includes filter change.	
Service Labor Times	
Application	Hours
2.2L Turbo Diesel (C223-T)	
Manual Transmission	2.6

22,500 MILE (36,000 KM) SERVICE

22,500 MILE (36,000 KM) SERVICE

Service Or Inspect	
	Verify Last Major Service Was Performed
	Check Fluid Levels
	Drain Water From Fuel Filter
	Exhaust & Steering Systems
	Brake Systems
	Rotate Tires
	Lube Body & Chassis Components
Replace	
	Engine Oil & Filter
Lubrication Specifications	
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF

(1) - Not recommended for sustained high speed driving.

Fluid Capacities

Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)

(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.

(2) - Includes filter change.

30,000 MILE (48,000 KM) SERVICE

30,000 MILE (48,000 KM) SERVICE

Service Or Inspect
Verify Last Major Service Was Performed
Fluid & Lubricant Levels
Cooling System
Fuel Filter/Drain Water
Exhaust System
Fuel Line & Fuel Tank/Cap
Drive Belts
Idle Speed & Valve Clearance
Tire Rotation
Brake Systems
Brake & Clutch Pedal Play
Front Wheel Bearing Repack
Accelerator Linkage
Suspension
Lube Body & Chassis Components
Replace
Engine Oil & Filter

	Front & Rear Axle Oil
	Manual Transmission Oil
	Transfer Case Oil
	Fuel Line Filter
	Air Cleaner Element
	Power Steering Fluid
Lubrication Specifications	
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF
(1) - Not recommended for sustained high speed driving.	
Fluid Capacities	
Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)
(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.	
(2) - Includes filter change.	
Service Labor Times	
Application	Hours
2.2L Turbo Diesel (C223-T)	
Manual Transmission	6.4

37,500 MILE (60,000 KM) SERVICE

37,500 MILE (60,000 KM) SERVICE

Service Or Inspect	
	Verify Last Major Service Was Performed
	Check Fluid Levels
	Drain Water From Fuel Filter
	Steering & Exhaust Systems
	Brake Systems
	Rotate Tires
	Lube Body & Chassis Components
Replace	
	Engine Oil & Filter
Lubrication Specifications	
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF
(1) - Not recommended for sustained high speed driving.	
Fluid Capacities	
Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)
(1) - Capacities are recommended or calculated levels. Always use	

dipstick (if available) to measure level.
 (2) - Includes filter change.

45,000 MILE (72,000 KM) SERVICE

45,000 MILE (72,000 KM) SERVICE

Service Or Inspect	
	Verify Last Major Service Was Performed
	Fluid & Lubricant Levels
	Cooling System
	Fuel Filter/Drain Water
	Exhaust System
	Fuel Line & Fuel Tank/Cap
	Drive Belts
	Valve Clearance
	Tire Rotation
	Brake Systems
	Pedal Free-Play
	Accelerator Linkage
	Steering Linkage & Suspension
	Lube Body & Chassis Components
Replace	
	Engine Oil & Filter
Lubrication Specifications	
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF

(1) - Not recommended for sustained high speed driving.	
Fluid Capacities	
Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)
(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.	
(2) - Includes filter change.	
Service Labor Times	
Application	Hours
2.2L Turbo Diesel (C223-T)	
Manual Transmission	2.6

52,500 MILE (84,000 KM) SERVICE

52,500 MILE (84,000 KM) SERVICE

Service Or Inspect	
	Verify Last Major Service Was Performed
	Check Fluid Levels
	Drain Water From Fuel Filter
	Steering & Exhaust Systems
	Brake Systems
	Rotate Tires
	Lube Body & Chassis Components
Replace	
	Engine Oil & Filter
	Front & Rear Axle Oil
	Manual Transmission Oil
	Transfer Case Oil
Lubrication Specifications	
Application	Specification

Engine Oil
 Minimum Temperature
 Greater Than 14°F (-10°C) SAE 10W-30 API SG/CD
 Maximum Temperature
 Less Than 14°F (-10°C) (1) SAE 5W-30 API SG/CD
 Front & Rear Axle Lubricant
 Temperature
 Less Than 50°F (10°C) SAE 80 API GL-5
 From 0° To 90°F (-15° To 30°C) SAE 90 API GL-5
 Greater Than 50°F (10°C) SAE 140 API GL-5
 Manual Transmission & Transfer Case
 Temperature
 Less Than 90°F (32°C) SAE 5W-30 API SF/SG
 Greater Than 90°F (32°C) SAE 40 API SF/SG
 Power Steering Fluid Dexron-II ATF

(1) - Not recommended for sustained high speed driving.

Fluid Capacities

Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)

(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.

(2) - Includes filter change.

60,000 MILE (96,000 KM) SERVICE

60,000 MILE (96,000 KM) SERVICE

Service Or Inspect	
	Verify Last Major Service Was Performed
	Fluid & Lubricant Levels
	Cooling System
	Fuel Filter/Drain Water
	Exhaust System
	Fuel Line & Fuel Tank/Cap
	Drive Belts
	Idle Speed & Valve Clearance
	Tire Rotation

	Steering System
	Brake Systems
	Pedal Free-Play
	Front Wheel Bearing Repack
	Accelerator Linkage
	Suspension System
	Lube Body & Chassis Components
Replace	
	Engine Oil & Filter
	Front & Rear Axle Oil
	Manual Transmission Oil
	Transfer Case Oil
	Fuel Line Filter
	Air Cleaner Element
	Power Steering Fluid
	Camshaft Timing Belt
Lubrication Specifications	
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF
(1) - Not recommended for sustained high speed driving.	
Fluid Capacities	
Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)

Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)
(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.	
(2) - Includes filter change.	
Service Labor Times	
Application	Hours
2.2L Turbo Diesel (C223-T)	
Manual Transmission	9.1

67,500 MILE (108,000 KM) SERVICE

67,500 MILE (108,000 KM) SERVICE

Service Or Inspect	
	Verify Last Major Service Was Performed
	Fluid Levels
	Drain Water From Fuel Filter
	Steering & Exhaust System
	Brake Systems
	Rotate Tires
	Lube Body & Chassis Components
Replace	
	Engine Oil & Filter
	Front & Rear Axle Oil
	Manual Transmission Oil
	Transfer Case Oil
Lubrication Specifications	
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5

Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF
(1) - Not recommended for sustained high speed driving.	

Fluid Capacities

Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)
(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.	
(2) - Includes filter change.	

75,000 MILE (120,000 KM) SERVICE

75,000 MILE (120,000 KM) SERVICE

Service Or Inspect
Verify Last Major Service Was Performed
Fluid Levels
Cooling System
Drain Water From Fuel Filter
Steering & Exhaust Systems
Fuel Line & Fuel Tank/Cap
Drive Belts
Valve Clearance
Tire Rotation
Brake Systems
Pedal Free-Play
Accelerator Linkage
Steering Linkage & Suspension
Lube Body & Chassis Components

Replace	
Engine Oil & Filter	
Lubrication Specifications	
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF
(1) - Not recommended for sustained high speed driving.	
Fluid Capacities	
Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)
(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.	
(2) - Includes filter change.	
Service Labor Times	
Application	Hours
2.2L Turbo Diesel (C223-T)	
Manual Transmission	2.6

82,500 MILE (132,000 KM) SERVICE

82,500 MILE (132,000 KM) SERVICE

Service Or Inspect	
Verify Last Major Service Was Performed	

	Check Fluid Levels
	Drain Water From Fuel Filter
	Exhaust & Steering Systems
	Brake Systems
	Rotate Tires
	Lube Body & Chassis Components
	Replace
	Engine Oil & Filter
Lubrication Specifications	
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF
(1) - Not recommended for sustained high speed driving.	
Fluid Capacities	
Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)
(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.	
(2) - Includes filter change.	

90,000 MILE (144,000 KM) SERVICE

90,000 MILE (144,000 KM) SERVICE

Service Or Inspect	
	Verify Last Major Service Was Performed
	Fluid & Lubricant Levels
	Cooling System
	Fuel Filter/Drain Water
	Exhaust System
	Fuel Line & Fuel Tank/Cap
	Drive Belts
	Idle Speed & Valve Clearance
	Tire Rotation
	Brake Systems
	Brake & Clutch Pedal Play
	Front Wheel Bearing Repack
	Accelerator Linkage
	Suspension
	Lube Body & Chassis Components
Replace	
	Engine Oil & Filter
	Front & Rear Axle Oil
	Manual Transmission Oil
	Transfer Case Oil
	Fuel Line Filter
	Air Cleaner Element
	Power Steering Fluid
Lubrication Specifications	
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	

Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF
(1) - Not recommended for sustained high speed driving.	
Fluid Capacities	
Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)
(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.	
(2) - Includes filter change.	
Service Labor Times	
Application	Hours
2.2L Turbo Diesel (C223-T)	
Manual Transmission	6.4

97,500 MILE (156,000 KM) SERVICE

97,500 MILE (156,000 KM) SERVICE

Service Or Inspect	
	Verify Last Major Service Was Performed
	Check Fluid Levels
	Drain Water From Fuel Filter
	Steering & Exhaust Systems
	Brake Systems
	Rotate Tires
	Lube Body & Chassis Components
Replace	
	Engine Oil & Filter
Lubrication Specifications	
Application	Specification

Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	
	Dexron-II ATF
(1) - Not recommended for sustained high speed driving.	
Fluid Capacities	
Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)
(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.	
(2) - Includes filter change.	

105,000 MILE (168,000 KM) SERVICE

105,000 MILE (168,000 KM) SERVICE

Service Or Inspect	
	Verify Last Major Service Was Performed
	Fluid & Lubricant Levels
	Cooling System
	Fuel Filter/Drain Water
	Exhaust System
	Fuel Line & Fuel Tank/Cap
	Drive Belts
	Valve Clearance
	Tire Rotation

	Brake Systems
	Pedal Free-Play
	Accelerator Linkage
	Steering Linkage & Suspension
	Lube Body & Chassis Components
	Replace
	Engine Oil & Filter
	Lubrication Specifications
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF
(1) - Not recommended for sustained high speed driving.	
	Fluid Capacities
Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)
(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.	
(2) - Includes filter change.	
	Service Labor Times
Application	Hours
2.2L Turbo Diesel (C223-T)	
Manual Transmission	2.6

112,500 MILE (180,000 KM) SERVICE

112,500 MILE (180,000 KM) SERVICE

Service Or Inspect	
	Verify Last Major Service Was Performed
	Check Fluid Levels
	Drain Water From Fuel Filter
	Steering & Exhaust Systems
	Brake Systems
	Rotate Tires
	Lube Body & Chassis Components
Replace	
	Engine Oil & Filter
	Front & Rear Axle Oil
	Manual Transmission Oil
	Transfer Case Oil
Lubrication Specifications	
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF
Engine Oil	
Diesel Engine	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API/SF/SG
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API/SF/SG
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	

Less Than 90°F (32°C)	SAE 5W-30 API/SF/SG
Greater Than 90°F (32°C)	SAE 40 API/SF/SG
Power Steering Fluid	Dexron Or Dexron-II ATF

(1) - Not recommended for sustained high speed driving.

Fluid Capacities

Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)

(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.

(2) - Includes filter change.

120,000 MILE (192,000 KM) SERVICE

120,000 MILE (192,000 KM) SERVICE

Service Or Inspect
Verify Last Major Service Was Performed
Fluid & Lubricant Levels
Cooling System
Fuel Filter/Drain Water
Exhaust System
Fuel Line & Fuel Tank/Cap
Drive Belts
Idle Speed & Valve Clearance
Tire Rotation
Steering System
Brake Systems
Pedal Free-Play
Front Wheel Bearing Repack
Accelerator Linkage
Suspension System

Lube Body & Chassis Components	
Replace	
Engine Oil & Filter	
Front & Rear Axle Oil	
Manual Transmission Oil	
Transfer Case Oil	
Fuel Line Filter	
Air Cleaner Element	
Power Steering Fluid	
Camshaft Timing Belt	
Lubrication Specifications	
Application	Specification
Engine Oil	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API SG/CD
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API SG/CD
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API SF/SG
Greater Than 90°F (32°C)	SAE 40 API SF/SG
Power Steering Fluid	Dexron-II ATF
(1) - Not recommended for sustained high speed driving.	
Fluid Capacities	
Application	(1) Quantity
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Transmission	
Manual	
1984 W/Transfer Case	2.6 Qts. (2.5L)
1986-87 W/Transfer Case	4.9 Qts. (4.6L)
(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.	
(2) - Includes filter change.	
Service Labor Times	

Application	Hours
2.2L Turbo Diesel (C223-T)	
Manual Transmission	9.1

LUBRICATION SPECIFICATIONS

LUBRICATION SPECIFICATIONS TABLE

Application	Fluid Specifications
Automatic Transmission	Dexron-II ATF
Engine Oil	
Diesel Engine	
Minimum Temperature	
Greater Than 14°F (-10°C)	SAE 10W-30 API/SF/SG
Maximum Temperature	
Less Than 14°F (-10°C)	(1) SAE 5W-30 API/SF/SG
Front & Rear Axle Lubricant	
Temperature	
Less Than 50°F (10°C)	SAE 80 API GL-5
From 0° To 90°F (-15° To 30°C)	SAE 90 API GL-5
Greater Than 50°F (10°C)	SAE 140 API GL-5
Manual Transmission & Transfer Case	
Temperature	
Less Than 90°F (32°C)	SAE 5W-30 API/SF/SG
Greater Than 90°F (32°C)	SAE 40 API/SF/SG
Power Steering Fluid	Dexron Or Dexron-II ATF

(1) - Not recommended for sustained high speed driving.

FLUID CAPACITIES

FLUID CAPACITIES TABLE (1)

Application	Quantity
A/C System R-12 Refrigerant Capacity	34 Ozs.
Cooling System	8.5-10.6 Qts. (8-10L)
Differential	
Front Axle	1.06 Qts. (1.0L)
Rear Axle	1.6 Qts. (1.5L)
Engine Oil (2)	
2.2L Turbo Diesel	6 Qts. (5.7L)
Fuel Tank	
1984-85	13.2 Gals. (50L)
1986-87	21.9 Gals. (83L)
Manual Transmission	
1984-85 W/Transfer Case	2.6 Qts. (2.5L)
1985-87 W/Transfer Case	4.9 Qts. (4.6L)

(1) - Capacities are recommended or calculated levels. Always use dipstick (if available) to measure level.

(2) - Includes filter change.