Form 020089
1-91

Iowa Department of Transportation

MODAL TRANSIT
BUS PREVENTIVE MAINTENANCE SCHEDULE

_____ Number _____ Odometer _____ Date

GASOLINE FUELED VEHICLES

3,000 Miles

- ☐ Road test vehicle for performance and handling.
- ☐ Review driver's reports and maintenance history.
- ☐ Check first aid kit, flares, fire extinguisher, and safety triangles.
- ☐ Check lights, gauges, accessories.
- ☐ Change engine oil and filter.
- ☐ Inspect and lube chassis and steering linkage.
- ☐ Inspect exhaust system.
- ☐ Inspect fuel tank, lines, and hoses.
- ☐ Inspect springs and shock absorbers.
- ☐ Inspect and lube drive shaft U-joints.
- ☐ Inspect brake linings, linkage, lines, and hoses.
- ☐ Lube parking brake, accelerator linkage, hinges, cables, locks, and rubbing parts.
- ☐ Measure tire tread and pressure, torque lug nuts.
- ☐ Check all fluid levels. Anti-freeze: _____ .
- ☐ Inspect all engine belts and hoses.
- ☐ Check fan clutch.

5,000 Miles

- ☐ Inspect air filter, replace fuel filter.
- ☐ Inspect and lube handicap lift, check fluid.
- ☐ Rotate tires if indicated by abnormal wear.

15,000 Miles

- ☐ Test performance of engine and ignition, starting, and charging systems.
- ☐ Replace spark plugs and PCV valve.
- ☐ Clean battery terminals and load test battery.
- ☐ Pressure test radiator.
- ☐ Adjust carburetor, clean choke and linkage.
- ☐ Replace transmission fluid and adjust bands.

30,000 Miles

- ☐ Replace differential fluid.
- ☐ Repack front wheel bearings.
- ☐ Inspect rear wheel bearings.
- ☐ Service cooling system.

PROPANE FUELED VEHICLES

3,000 Miles

- ☐ Road test vehicle for performance and handling.
- ☐ Review driver's reports and maintenance history.
- ☐ Check first aid kit, flares, fire extinguisher, and safety triangles.
- ☐ Check lights, gauges, accessories.
- ☐ Change engine oil and filter.
- ☐ Inspect and lube chassis and steering linkage.
- ☐ Inspect exhaust system.
- ☐ Inspect fuel tank, lines, and hoses.
- ☐ Inspect springs and shock absorbers.
- ☐ Inspect and lube drive shaft U-joints.
- ☐ Inspect brake linings, linkage, lines, and hoses.
- ☐ Lube parking brake, accelerator linkage, hinges, cables, locks, and rubbing parts.
- ☐ Measure tire tread and pressure, torque lug nuts.
- ☐ Check all fluid levels. Anti-freeze: _____ .
- ☐ Inspect all engine belts and hoses.
- ☐ Check fan clutch.

6,000 Miles

- ☐ Change engine oil and filter.
- ☐ Inspect air filter, replace fuel filter.
- ☐ Inspect and lube handicap lift, check fluid.
- ☐ Rotate tires if indicated by abnormal wear.

15,000 Miles

- ☐ Clean battery terminals and load test battery.
- ☐ Pressure test radiator.
- ☐ Replace transmission fluid and adjust bands.

30,000 Miles

- ☐ Test performance of engine and ignition, starting, and charging systems with engine analyzer.
- ☐ Replace spark plugs and PCV valve.
- ☐ Clean throat of air valve, filter in lock-off valve, and interior of converter.
- ☐ Replace differential fluid.
- ☐ Repack front wheel bearings.
- ☐ Inspect rear wheel bearings.
- ☐ Service cooling system.

DIESEL FUELED VEHICLES

2,500 Miles

- ☐ Road test vehicle for performance and handling.
- ☐ Review driver's reports and maintenance history.
- ☐ Check first aid kit, flares, fire extinguisher, and safety triangles.
- ☐ Check lights, gauges, accessories.
- ☐ Change engine oil and filter.
- ☐ Inspect and lube chassis and steering linkage.
- ☐ Inspect exhaust system.
- ☐ Inspect fuel tank, lines, and hoses.
- ☐ Inspect springs and shock absorbers.
- ☐ Inspect and lube drive shaft U-joints.
- ☐ Inspect brake linings, linkage, lines, and hoses.
- ☐ Lube parking brake, accelerator linkage, hinges, cables, locks, and rubbing parts.
- ☐ Measure tire tread and pressure, torque lug nuts.
- ☐ Check all fluid levels. Anti-freeze: _____ .
- ☐ Inspect all engine belts and hoses.
- ☐ Check fan clutch.

5,000 Miles

- ☐ Inspect and test operation of exhaust pressure regulator valve. Check air intake system.
- ☐ Inspect crankcase ventilation system.
- ☐ Inspect and lube handicap lift, check fluid.
- ☐ Rotate tires if indicated by abnormal wear.
- ☐ Purge water, replace fuel filters.

7,500 Miles

- ☐ Adjust engine idle speed.
- ☐ Inspect air filter, replace if necessary.

15,000 Miles

- ☐ Clean battery terminals and load test battery.
- ☐ Pressure test radiator.
  Replace transmission fluid and adjust bands.

30,000 Miles

- ☐ Replace differential fluid.
- ☐ Repack front wheel bearings.
- ☐ Inspect rear wheel bearings.
- ☐ Service cooling system.

MAINTENANCE PERFORMED

2,500 3,000										
5,000 6,000										
7,500										
15,000										
30,000										

COMMENTS