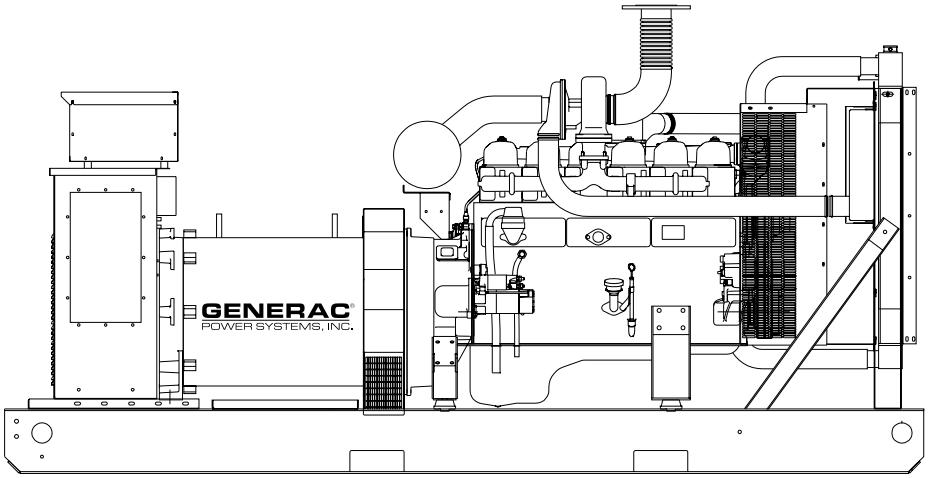
GENERAC®
POWER SYSTEMS, INC.

2001

Scheduled Maintenance and Service Information for Generac Standby Generators
(8 kW to 2000 kW)



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FOREWORD

This service manual was created to assist the authorized Generac Power Systems dealer and service technician by providing basic information related to Generac Power Systems service. It is intended for informational purposes only and is not designed as and should not be used as a comprehensive, all-inclusive manual. Some of the maintenance tasks listed require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service dealer. If you require additional information, please contact your normal source of advisement. If you require additional materials, please order them through your normal source of distribution.

8 KW - 35 KW SMALL STANDBY GENERATOR SETS

Following is a recommended maintenance schedule for Generac small standby and residential generator sets from 8 kW to 35 kW in size, and applies to both diesel engine and gas engine driven units. The established intervals in the schedule are the *maximum* recommended when the unit is used in an average service application. They will need to be decreased (performed more frequently) if the unit is used in a severe application. Use the unit hour meter or calendar time, whichever occurs first, from the previous maintenance interval to determine the next required maintenance interval.

Service Maintenance Interval Information:

The various service maintenance intervals are designated by interval numbers as follows:

1 An early inspection of the generator set to insure it is ready to operate when required and to identify any potential problem areas.

Performed monthly or following each 10 hours of operation of the unit and requires approximately ***.5 man-hours*** *per unit to complete.*

This inspection may be performed by the end user providing the following safety steps are taken to prevent the engine from starting automatically without warning:

To prevent injury, perform the following steps in the order indicated before starting any maintenance:

- **Disable the generator set from starting and/or connecting to the load by setting the control panel Auto-Off-Manual switch to the "OFF" position.**
- **Remove the control panel fuse.**
- **Turn off the battery charger.**
- **Remove the negative battery cable.**

The battery charger must be turned off BEFORE removing the battery cable to prevent an over current condi ion from burning out sensitive control panel components and circuits.

Following all maintenance, reverse these steps to insure the unit is returned to standby setup for normal operation when required.

2 A break-in service inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed ***ONLY ONCE*** *following the first three months or the first 30 hours of operation after purchase of the unit and requires approximately* ***2.5 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

3 An operational inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed semi-annually or following each 50 hours of operation of the unit and requires approximately ***1.5 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

4 A mid-level inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed annually or following each 100 hours of operation of the unit and requires approximately ***4.0 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

GENERAC POWER SYSTEMS, INC.

RECOMMENDED SCHEDULED MAINTENANCE PROGRAM

SERVICE WORK TO BE PERFORMED BY FACTORY-TRAINED PERSONNEL ONLY.

DEALER INFORMATION

NAME: _____
ACCOUNT #: _____
ADDRESS: _____
_____
PHONE: _____
TECHNICIAN: _____
SIGNATURE: _____

OWNER INFORMATION

NAME: _____
ADDRESS: _____
_____
SITE: _____
PHONE: _____

SIGNATURE: _____

PURCHASE DATE: _____ START-UP DATE: _____

APPLICATION: ____ Standby Power ____ Prime Power ____ Rental/Trailerized

GENERATOR & TRANSFER SWITCH INFORMATION

GENERATOR

MODEL NUMBER: _____
SERIAL NUMBER: _____

TRANSFER SWITCH

MODEL NUMBER: _____
SERIAL NUMBER: _____

HOUR METER READING *at Completion of the Inspection*: _____

⚠ WARNING! ⚠

To prevent injury, perform the following steps in the order indicated before starting any maintenance:

- **Disable the generator set from starting and/or connecting to the load by setting the control panel Auto-Off-Manual switch to the "OFF" position.**
- **Remove the control panel fuse.**
- **Turn off the battery charger.**
- **Remove the negative battery cable.**

NOTE:

The battery charger must be turned off BEFORE removing the battery cable to prevent an over current condition from burning out sensitive control panel components and circuits.

Following all maintenance, reverse these steps to insure the unit is returned to standby setup for normal operation when required.

Maintenance Tasks	Level 1 Recommended to be done monthly/ 10 hrs.	Task Comp. (Date-Initials)	Level 2 Required to be done 3 months/ Break-in 30 hrs.	Task Comp. (Date-Initials)	Level 3 Required to be done Semi-annually/ 50 hrs.	Task Comp. (Date-Initials)	Level 4 Required to be done Annually/ 100 hrs.	Task Comp. (Date-Initials)
1. Disable the unit from operating per the first page warning.	⬭		⬭		⬭		⬭	
2. Check the engine oil level. Adjust as necessary.	⬭		⬭		⬭		⬭	
3. Check the engine coolant level. Adjust as necessary.	⬭		⬭		⬭		⬭	
4. Check the engine coolant thermal protection level. Correct as necessary.							⬭	
5. Check the natural gas delivery system on gas engine driven units. Tighten connections as necessary.			⬭		⬭		⬭	
6. Check the diesel fuel supply level for diesel engine driven units. Fill as necessary.	⬭		⬭		⬭		⬭	
7. Drain water and sediment from the diesel fuel tank on diesel engine driven units.			⬭		⬭		⬭	
8. Drain water from the fuel line water separator on diesel engine driven units if the unit is equipped with one.			⬭		⬭		⬭	
9. Check the air inlets and outlets for debris. Clean as necessary.	⬭		⬭		⬭		⬭	
10. Check the battery electrolyte level if accessible. Adjust as necessary.	⬭		⬭		⬭		⬭	
11. Check the battery posts, cables, and charger for loose connections, corrosion, and proper operation. Correct as necessary.	⬭		⬭		⬭		⬭	
12. Check the unit wiring for loose connections, corrosion, and damage. Correct as necessary.							⬭	
13. Check the engine accessory drive belts for wear, weather cracking, and damage. Replace as necessary.							⬭	

Maintenance Tasks	Level 1 Recommended to be done monthly/ 10 hrs.	Task Comp. (Date-Initials)	Level 2 Required to be done 3 months/ Break-in 30 hrs.	Task Comp. (Date-Initials)	Level 3 Required to be done Semi-annually/ 50 hrs.	Task Comp. (Date-Initials)	Level 4 Required to be done Annually/ 100 hrs.	Task Comp. (Date-Initials)
14. Visually inspect the unit looking for leaks, wear or damage, loose connections or components, and corrosion. Correct as necessary.	⬭		⬭		⬭		⬭	
15. Test the engine and transfer switch safety devices. Correct and/or adjust as necessary.							⬭	
16. Initiate an automatic start and transfer of the unit to site load and exercise it for at least 1 hour looking for leaks, loose connections or components, and abnormal operating conditions. Correct as necessary.			⬭		⬭			
17. Start and exercise the unit at full rated load (use a load bank if the site load is not enough) for at least 2 hours looking for leaks, loose connections or components, and abnormal operating conditions. Correct as necessary.							⬭	
18. Change the engine oil.			⬭				⬭	
19. Replace the engine oil filter(s).			⬭				⬭	
20. Replace the engine air filter(s).							⬭	
21. Replace the engine fuel filter(s) on diesel engine driven units and re-prime the fuel system.			⬭				⬭	
22. Check the engine spark plugs on gas engine driven units. Clean and re-gap or replace as necessary.			⬭				⬭	
23. Perform a 5 minute no-load operational run of the unit looking for any post service problems.			⬭				⬭	
24. Return the unit to standby setup for operation when required.	⬭		⬭		⬭		⬭	

35 KW - 200 KW STANDBY GAS ENGINE DRIVEN GENERATOR SETS

Following is a recommended maintenance schedule for Generac standby gas engine driven generator sets from 35 kW to 200 kW in size. The established intervals in the schedule are the *maximum* recommended when the unit is used in an average service application. They will need to be decreased (performed more frequently) if the unit is used in a severe application. Use the unit hour meter or calendar time, whichever occurs first, from the previous maintenance interval to determine the next required maintenance interval.

Service Maintenance Interval Information:

The various service maintenance intervals are designated by interval numbers as follows:

1 An early inspection of the generator set to insure it is ready to operate when required and to identify any potential problem areas.

Performed monthly or following each 10 hours of operation of the unit and requires approximately ***.5 man-hours*** *per unit to complete.*

This inspection may be performed by the end user providing the following safety steps are taken to prevent the engine from starting automatically without warning:

To prevent injury, perform the following steps in the order indicated before starting any maintenance:

- **Disable the generator set from starting and/or connecting to the load by setting the control panel Auto-Off-Manual switch to the "OFF" position.**
- **Remove the control panel fuse.**
- **Turn off the battery charger.**
- **Remove the negative battery cable.**

The battery charger must be turned off BEFORE removing the battery cable to prevent an over current condition from burning out sensitive control panel components and circuits.

Following all maintenance, reverse these steps to insure the unit is returned to standby setup for normal operation when required.

2 A break-in service inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed ***ONLY ONCE*** *following the first three months or the first 30 hours of operation after purchase of the unit and requires approximately* ***2.5 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

3 An operational inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed semi-annually or following each 50 hours of operation of the unit and requires approximately ***1.5 man-hours*** *per unit to complete.*

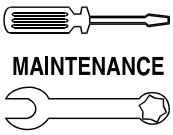
This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

4 A mid-level inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed annually or following each 100 hours of operation of the unit and requires approximately ***5.0 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

NOTE: Add 20% to all times for 8 cylinder or larger engines.



GENERAC POWER SYSTEMS, INC.

RECOMMENDED SCHEDULED MAINTENANCE PROGRAM

SERVICE WORK TO BE PERFORMED BY FACTORY-TRAINED PERSONNEL ONLY.

DEALER INFORMATION

NAME: _____
ACCOUNT #: _____
ADDRESS: _____
_____
PHONE: _____
TECHNICIAN: _____
SIGNATURE: _____

OWNER INFORMATION

NAME: _____
ADDRESS: _____
_____
SITE: _____
PHONE: _____

SIGNATURE: _____

PURCHASE DATE: _____ START-UP DATE: _____

APPLICATION: ____ Standby Power ____ Prime Power ____ Rental/Trailerized

GENERATOR & TRANSFER SWITCH INFORMATION

GENERATOR

MODEL NUMBER: _____
SERIAL NUMBER: _____

TRANSFER SWITCH

MODEL NUMBER: _____
SERIAL NUMBER: _____

HOUR METER READING *at Completion of the Inspection*: _____

⚠ WARNING! ⚠

To prevent injury, perform the following steps in the order indicated before starting any maintenance:

- **Disable the generator set from starting and/or connecting to the load by setting the control panel Auto-Off-Manual switch to the "OFF" position.**
- **Remove the control panel fuse.**
- **Turn off the battery charger.**
- **Remove the negative battery cable.**

NOTE:

The battery charger must be turned off BEFORE removing the battery cable to prevent an over current condition from burning out sensitive control panel components and circuits.

Following all maintenance, reverse these steps to insure the unit is returned to standby setup for normal operation when required.

Maintenance Tasks	Level 1 Recommended to be done monthly/ 10 hrs.	Task Comp. (Date-Initials)	Level 2 Required to be done 3 months/ Break-in 30 hrs.	Task Comp. (Date-Initials)	Level 3 Required to be done Semi-annually/ 50 hrs.	Task Comp. (Date-Initials)	Level 4 Required to be done Annually/ 100 hrs.	Task Comp. (Date-Initials)
1. Disable the unit from operating per the first page warning.	⬭		⬭		⬭		⬭	
2. Check the engine oil level. Adjust as necessary.	⬭		⬭		⬭		⬭	
3. Check the engine coolant level. Adjust as necessary.	⬭		⬭		⬭		⬭	
4. Check the engine coolant thermal protection level. Correct as necessary.							⬭	
5. Check the natural gas delivery system. Tighten connections as necessary.			⬭		⬭		⬭	
6. Check the air inlets and outlets for debris. Clean as necessary.	⬭		⬭		⬭		⬭	
7. Check the battery electrolyte level if accessible. Adjust as necessary.	⬭		⬭		⬭		⬭	
8. Check the battery posts, cables, and charger for loose connections, corrosion, and proper operation. Correct as necessary.	⬭		⬭		⬭		⬭	
9. Check the unit wiring for loose connections, corrosion, and damage. Correct as necessary.							⬭	
10. Check the engine accessory drive belts for wear, weather cracking and damage. Replace as necessary.							⬭	
11. Visually inspect the unit looking for leaks, wear or damage, loose connections or components, and corrosion. Correct as necessary.	⬭		⬭		⬭		⬭	
12. Test the engine and transfer switch safety devices. Correct and/or adjust as necessary.							⬭	

Maintenance Tasks	Level 1 Recommended to be done monthly/ 10 hrs.	Task Comp. (Date-Initials)	Level 2 Required to be done 3 months/ Break-in 30 hrs.	Task Comp. (Date-Initials)	Level 3 Required to be done Semi-annually/ 50 hrs.	Task Comp. (Date-Initials)	Level 4 Required to be done Annually/ 100 hrs.	Task Comp. (Date-Initials)
13. Initiate an automatic start and transfer of the unit to site load and exercise it for at least 1 hour looking for leaks, loose connections or components, and abnormal operating conditions. Correct as necessary.			⬭		⬭			
14. Start and exercise the unit at full rated load (use a load bank if the site load is not enough) for at least 2 hours looking for leaks, loose connections or components, and abnormal operating conditions. Correct as necessary.							⬭	
15. Change the engine oil.			⬭				⬭	
16. Replace the engine oi filter(s).			⬭				⬭	
17. Replace the engine air filter(s).							⬭	
18. Check the engine spark plugs. Clean and re-gap or replace as necessary.			⬭				⬭	
19. Perform a 5 minute no-load operational run of the unit looking for any post service problems.			⬭				⬭	
20. Return the unit to standby setup for operation when required.	⬭		⬭		⬭		⬭	

40 KW - 400 KW STANDBY DIESEL ENGINE DRIVEN GENERATOR SETS

Following is a recommended maintenance schedule for Generac standby diesel engine driven generator sets from 40 kW to 400 kW in size. The established intervals in the schedule are the *maximum* recommended when the unit is used in an average service application. They will need to be decreased (performed more frequently) if the unit is used in a severe application. Use the unit hour meter or calendar time, whichever occurs first, from the previous maintenance interval to determine the next required maintenance interval.

Service Maintenance Interval Information:

The various service maintenance intervals are designated by interval numbers as follows:

1 An early inspection of the generator set to insure it is ready to operate when required and to identify any potential problem areas.

Performed monthly or following each 10 hours of operation of the unit and requires approximately ***.5 man-hours*** *per unit to complete.*

This inspection may be performed by the end user providing the following safety steps are taken to prevent the engine from starting automatically without warning:

To prevent injury, perform the following steps in the order indicated before starting any maintenance:

- **Disable the generator set from starting and/or connecting to the load by setting the control panel Auto-Off-Manual switch to the "OFF" position.**
- **Remove the control panel fuse.**
- **Turn off the battery charger.**
- **Remove the negative battery cable.**

The battery charger must be turned off BEFORE removing the battery cable to prevent an over current condi ion from burning out sensitive control panel components and circuits.

Following all maintenance, reverse these steps to insure the unit is returned to standby setup for normal operation when required.

2 A break-in service inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed ***ONLY ONCE*** *following the first three months or the first 30 hours of operation after purchase of the unit and requires approximately* ***2.5 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

3 An operational inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed semi-annually or following each 50 hours of operation of the unit and requires approximately ***1.5 man-hours*** *per unit to complete.*

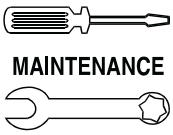
This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

4 A mid-level inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed annually or following each 100 hours of operation of the unit and requires approximately ***5.0 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

NOTE: Add 20% to all times for 8 cylinder or larger engines.



GENERAC POWER SYSTEMS, INC.

RECOMMENDED SCHEDULED MAINTENANCE PROGRAM

SERVICE WORK TO BE PERFORMED BY FACTORY-TRAINED PERSONNEL ONLY.

DEALER INFORMATION

NAME: _____
ACCOUNT #: _____
ADDRESS: _____
_____
PHONE: _____
TECHNICIAN: _____
SIGNATURE: _____

OWNER INFORMATION

NAME: _____
ADDRESS: _____
_____
SITE: _____
PHONE: _____

SIGNATURE: _____

PURCHASE DATE: _____ START-UP DATE: _____

APPLICATION: ____ Standby Power ____ Prime Power ____ Rental/Trailerized

GENERATOR & TRANSFER SWITCH INFORMATION

GENERATOR

MODEL NUMBER: _____
SERIAL NUMBER: _____

TRANSFER SWITCH

MODEL NUMBER: _____
SERIAL NUMBER: _____

HOUR METER READING *at Completion of the Inspection*: _____

⚠ WARNING! ⚠

To prevent injury, perform the following steps in the order indicated before starting any maintenance:

- **Disable the generator set from starting and/or connecting to the load by setting the control panel Auto-Off-Manual switch to the "OFF" position.**
- **Remove the control panel fuse.**
- **Turn off the battery charger.**
- **Remove the negative battery cable.**

NOTE:

The battery charger must be turned off BEFORE removing the battery cable to prevent an over current condition from burning out sensitive control panel components and circuits.

Following all maintenance, reverse these steps to insure the unit is returned to standby setup for normal operation when required.

Maintenance Tasks	Level 1 Recommended to be done monthly/ 10 hrs.	Task Comp. (Date-Initials)	Level 2 Required to be done 3 months/ Break-in 30 hrs.	Task Comp. (Date-Initials)	Level 3 Required to be done Semi-annually/ 50 hrs.	Task Comp. (Date-Initials)	Level 4 Required to be done Annually/ 100 hrs.	Task Comp. (Date-Initials)
1. Disable the unit from operating per the first page warning.	⬭		⬭		⬭		⬭	
2. Check the engine oil level. Adjust as necessary.	⬭		⬭		⬭		⬭	
3. Check the engine coolant level. Adjust as necessary.	⬭		⬭		⬭		⬭	
4. Check the engine coolant thermal protection level. Correct as necessary.							⬭	
5. Check the diesel fuel supply level. Fill as necessary.	⬭		⬭		⬭		⬭	
6. Drain water and sediment from the diesel fuel tank.			⬭		⬭		⬭	
7. Drain water from the fuel line water separator if the unit is equipped with one.			⬭		⬭		⬭	
8. Check the air inlets and outlets for debris. Clean as necessary.	⬭		⬭		⬭		⬭	
9. Check the battery electrolyte level if accessible. Adjust as necessary.	⬭		⬭		⬭		⬭	
10. Check the battery posts, cables, and charger for loose connections, corrosion, and proper operation. Correct as necessary.	⬭		⬭		⬭		⬭	
11. Check the unit wiring for loose connections, corrosion, and damage. Correct as necessary.							⬭	
12. Check the engine accessory drive belts for wear, weather cracking, and damage. Replace as necessary.							⬭	
13. Visually inspect the unit looking for leaks, wear or damage, loose connections or components, and corrosion. Correct as necessary.	⬭		⬭		⬭		⬭	
14. Test the engine and transfer switch safety devices. Correct and/or adjust as necessary.							⬭	

Maintenance Tasks	Level 1 Recommended to be done monthly/ 10 hrs.	Task Comp. (Date-Initials)	Level 2 Required to be done 3 months/ Break-in 30 hrs.	Task Comp. (Date-Initials)	Level 3 Required to be done Semi-annually/ 50 hrs.	Task Comp. (Date-Initials)	Level 4 Required to be done Annually/ 100 hrs.	Task Comp. (Date-Initials)
15. Initiate an automatic start and transfer of the unit to site load and exercise it for at least 1 hour looking for leaks, loose connections or components, and abnormal operating conditions. Correct as necessary.			⬭		⬭			
16. Start and exercise the unit at full rated load (use a load bank if the site load is not enough) for at least 2 hours looking for leaks, loose connections or components, and abnormal operating conditions. Correct as necessary.							⬭	
17. Change the engine oil.			⬭				⬭	
18. Replace the engine oi filter(s).			⬭				⬭	
19. Replace the engine fuel filter(s) and re-prime the fuel system.			⬭				⬭	
20. Replace the engine air filter(s).							⬭	
21. Perform a 5 minute no-load operational run of the unit looking for any post service problems.			⬭				⬭	
22. Return the unit to standby setup for operation when required.	⬭		⬭		⬭		⬭	

500 KW AND 950 KW STANDBY NATURAL GAS ENGINE DRIVEN GENERATOR SETS

Following is a recommended maintenance schedule for Generac 500 kW and 950 kW standby natural gas engine driven generator sets. The established intervals in the schedule are the *maximum* recommended when the unit is used in an average service application. They will need to be decreased (performed more frequently) if the unit is used in a severe application. Use the unit hour meter or calendar time, whichever occurs first, from the previous maintenance interval to determine the next required maintenance interval.

Service Maintenance Interval Information:

The various service maintenance intervals are designated by interval numbers as follows:

1 An early inspection of the generator set to insure it is ready to operate when required and to identify any potential problem areas.

Performed monthly or following each 10 hours of operation of the unit and requires approximately ***.5 man-hours*** *per unit to complete.*

This inspection may be performed by the end user providing the following safety steps are taken to prevent the engine from starting automatically without warning:

To prevent injury, perform the following steps in the order indicated before starting any maintenance:

- **Disable the generator set from starting and/or connecting to the load by setting the control panel Auto-Off-Manual switch to the "OFF" position.**
- **Remove the control panel fuse.**
- **Turn off the battery charger.**
- **Remove the negative battery cable.**

The battery charger must be turned off BEFORE removing the battery cable to prevent an over current condition from burning out sensitive control panel components and circuits.

Following all maintenance, reverse these steps to insure the unit is returned to standby setup for normal operation when required.

2 A break-in service inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed ***ONLY ONCE*** *following the first six months or the first 50 hours of operation after purchase of the unit and requires approximately* ***3.0 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

3 An operational inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed semi-annually or following each 50 hours of operation of the unit and requires approximately ***1.5 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

4 A mid-level inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed annually or following each 100 hours of operation of the unit and requires approximately ***4.0 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

5 A comprehensive inspection of the generator set to insure it is properly serviced and ready to operate and carry the load when required, and to identify any potential problem areas.

Performed biannually or following each 250 hours of operation of the unit and requires approximately ***8.0 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

NOTE: Times indicated are for the 8 cylinder unit. Add 20% to all times for the 16 cylinder unit.

GENERAC POWER SYSTEMS, INC.

RECOMMENDED SCHEDULED MAINTENANCE PROGRAM

SERVICE WORK TO BE PERFORMED BY FACTORY-TRAINED PERSONNEL ONLY.

DEALER INFORMATION

NAME: _____
ACCOUNT #: _____
ADDRESS: _____
_____
PHONE: _____
TECHNICIAN: _____
SIGNATURE: _____

OWNER INFORMATION

NAME: _____
ADDRESS: _____
_____
SITE: _____
PHONE: _____

SIGNATURE: _____

PURCHASE DATE: _____ START-UP DATE: _____

APPLICATION: ____ Standby Power ____ Prime Power ____ Rental/Trailerized

GENERATOR & TRANSFER SWITCH INFORMATION

GENERATOR

MODEL NUMBER: _____
SERIAL NUMBER: _____

TRANSFER SWITCH

MODEL NUMBER: _____
SERIAL NUMBER: _____

HOUR METER READING *at Completion of the Inspection*: _____

⚠ WARNING! ⚠

To prevent injury, perform the following steps in the order indicated before starting any maintenance:

- **Disable the generator set from starting and/or connecting to the load by setting the control panel Auto-Off-Manual switch to the "OFF" position.**
- **Remove the control panel fuse.**
- **Turn off the battery charger.**
- **Remove the negative battery cable.**

NOTE:

The battery charger must be turned off BEFORE removing the battery cable to prevent an over current condition from burning out sensitive control panel components and circuits.

Following all maintenance, reverse these steps to insure the unit is returned to standby setup for normal operation when required.

Maintenance Tasks	Level 1 Recommended to be done monthly/ 10 hrs.	Task Comp. (Date-Initials)	Level 2 Required to be done 6 months/ Break-in 50 hrs.	Task Comp. (Date-Initials)	Level 3 Required to be done Semi-annually/ 50 hrs.	Task Comp. (Date-Initials)	Level 4 Required to be done Annually/ 100 hrs.	Task Comp. (Date-Initials)	Level5 Required to be done Bi-annually/ 250 hrs.	Task Comp. (Date-Initials)
1. Disable the unit from operating per the first page warning.	⬭		⬭		⬭		⬭		⬭	
2. Check the engine oil level. Adjust as necessary.	⬭		⬭		⬭		⬭		⬭	
3. Check the engine coolant level. Adjust as necessary.	⬭		⬭		⬭		⬭		⬭	
4. Check the engine coolant thermal protection level. Correct as necessary.							⬭		⬭	
5. Check the natural gas delivery system. Tighten connections as necessary.			⬭		⬭		⬭		⬭	
6. Check the air inlets and outlets for debris. Clean as necessary.	⬭		⬭		⬭		⬭		⬭	
7. Check the battery electrolyte level if accessible. Adjust as necessary.	⬭		⬭		⬭		⬭		⬭	
8. Check the battery posts, cables, and charger for loose connections, corrosion, and proper operation Correct as necessary.	⬭		⬭		⬭		⬭		⬭	
9. Check the unit wiring for loose connections, corrosion, and damage. Correct as necessary.							⬭		⬭	
10. Check the engine accessory drive belts for wear, weather cracking, and damage. Replace as necessary.							⬭		⬭	

Maintenance Tasks	Level 1 Recommended to be done monthly/ 10 hrs.	Task Comp. (Date-Initials)	Level 2 Required to be done 6 months/ Break-in 50 hrs.	Task Comp. (Date-Initials)	Level 3 Required to be done Semi-annually/ 50 hrs.	Task Comp. (Date-Initials)	Level 4 Required to be done Annually/ 100 hrs.	Task Comp. (Date-Initials)	Level5 Required to be done Bi-annually/ 250 hrs.	Task Comp. (Date-Initials)
11. Check the engine valve clearance. Adjust as necessary.							⬭		⬭	
12. Visually inspect the unit looking for leaks, wear or damage, loose connections or components, and corrosion. Correct as necessary.	⬭		⬭		⬭		⬭		⬭	
13. Test the engine and transfer switch safety devices. Correct and/or adjust as necessary.							⬭		⬭	
14. Initiate an automatic start and transfer of the unit to site load and exercise it for at least 1 hour looking for leaks, loose connections or components, and abnormal operating conditions. Correct as necessary.			⬭		⬭					
15. Start and exercise the unit at full rated load (use a load bank if the site load is not enough) for at least 2 hours looking for leaks, loose connections or components, and abnormal operating conditions. Correct as necessary.							⬭		⬭	

Maintenance Tasks	Level 1 Recommended to be done monthly/ 10 hrs.	Task Comp. (Date-Initials)	Level 2 Required to be done 6 months/ Break-in 50 hrs.	Task Comp. (Date-Initials)	Level 3 Required to be done Semi-annually/ 50 hrs.	Task Comp. (Date-Initials)	Level 4 Required to be done Annually/ 100 hrs.	Task Comp. (Date-Initials)	Level5 Required to be done Bi-annually/ 250 hrs.	Task Comp. (Date-Initials)
16. Perform an engine oil analysis (send a sample to a lab for results). Change the engine oil and filters if the analysis results indicate this is required.							⬭			
17. Change the engine oil.			⬭						⬭	
18. Replace the engine oil filter(s).			⬭						⬭	
19. Replace engine gas line filter(s).			⬭						⬭	
20. Replace the engine air filter(s).									⬭	
21. Check the engine spark plugs. Clean and re-gap or replace as necessary.			⬭						⬭	
22. Perform a 5 minute no-load operational run of the unit looking for any post service problems.			⬭						⬭	
23. Return the unit to standby setup for operation when required.	⬭		⬭		⬭		⬭		⬭	

500 KW TO 2000 KW STANDBY DIESEL ENGINE DRIVEN GENERATOR SETS

Following is a recommended maintenance schedule for Generac standby diesel engine driven generator sets from 500 kW to 2000 kW in size. The established intervals in the schedule are the *maximum* recommended when the unit is used in an average service application. They will need to be decreased (performed more frequently) if the unit is used in a severe application. Use the unit hour meter or calendar time, whichever occurs first, from the previous maintenance interval to determine the next required maintenance interval.

Service Maintenance Interval Information:

The various service maintenance intervals are designated by interval numbers as follows:

1 An early inspection of the generator set to insure it is ready to operate when required and to identify any potential problem areas.

Performed monthly or following each 10 hours of operation of the unit and requires approximately ***.5 man-hours*** *per unit to complete.*

This inspection may be performed by the end user providing the following safety steps are taken to prevent the engine from starting automatically without warning:

To prevent injury, perform the following steps in the order indicated before starting any maintenance:

- **Disable the generator set from starting and/or connecting to the load by setting the control panel Auto-Off-Manual switch to the "OFF" position.**
- **Remove the control panel fuse.**
- **Turn off the battery charger.**
- **Remove the negative battery cable.**

The battery charger must be turned off BEFORE removing the battery cable to prevent an over current condition from burning out sensitive control panel components and circuits.

Following all maintenance, reverse these steps to insure the unit is returned to standby setup for normal operation when required.

2 A break-in service inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed ***ONLY ONCE*** *following the first six months or the first 50 hours of operation after purchase of the unit and requires approximately* ***3.0 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

3 An operational inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed semi-annually or following each 50 hours of operation of the unit and requires approximately ***1.5 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

4 A mid-level inspection of the generator set to insure it is ready to operate and carry the load when required, and to identify any potential problem areas.

Performed annually or following each 100 hours of operation of the unit and requires approximately ***4.0 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

5 A comprehensive inspection of the generator set to insure it is properly serviced and ready to operate and carry the load when required, and to identify any potential problem areas.

Performed biannually or following each 250 hours of operation of the unitand requires approximately ***8.0 man-hours*** *per unit to complete.*

This inspection contains some maintenance tasks which require special tools, equipment, and/or knowledge to accomplish and should be performed only by an authorized Generac Service Dealer.

GENERAC POWER SYSTEMS, INC.

RECOMMENDED SCHEDULED MAINTENANCE PROGRAM

SERVICE WORK TO BE PERFORMED BY FACTORY-TRAINED PERSONNEL ONLY.

DEALER INFORMATION	OWNER INFORMATION
NAME: _____	NAME: _____
ACCOUNT #: _____	ADDRESS: _____
ADDRESS: _____	_____
_____	SITE: _____
PHONE: _____	PHONE: _____
TECHNICIAN: _____	
SIGNATURE: _____	SIGNATURE: _____

PURCHASE DATE: _____ START-UP DATE: _____

APPLICATION: ____ Standby Power ____ Prime Power ____ Rental/Trailerized

GENERATOR & TRANSFER SWITCH INFORMATION

GENERATOR	TRANSFER SWITCH
MODEL NUMBER: _____	MODEL NUMBER: _____
SERIAL NUMBER: _____	SERIAL NUMBER: _____

HOUR METER READING *at Completion of the Inspection*: _____

⚠ WARNING! ⚠

To prevent injury, perform the following steps in the order indicated before starting any maintenance:

- **Disable the generator set from starting and/or connecting to the load by setting the control panel Auto-Off-Manual switch to the "OFF" position.**
- **Remove the control panel fuse.**
- **Turn off the battery charger.**
- **Remove the negative battery cable.**

NOTE:

The battery charger must be turned off BEFORE removing the battery cable to prevent an over current condition from burning out sensitive control panel components and circuits.

Following all maintenance, reverse these steps to insure the unit is returned to standby setup for normal operation when required.

Maintenance Tasks	Level 1 Recommended to be done monthly/ 10 hrs.	Task Comp. (Date-Initials)	Level 2 Required to be done 6 months/ Break-in 50 hrs.	Task Comp. (Date-Initials)	Level 3 Required to be done Semi-annually/ 50 hrs.	Task Comp. (Date-Initials)	Level 4 Required to be done Annually/ 100 hrs.	Task Comp. (Date-Initials)	Level5 Required to be done Bi-annually/ 250 hrs.	Task Comp. (Date-Initials)
1. Disable the unit from operating per the first page warning.	⬭		⬭		⬭		⬭		⬭	
2. Check the engine oil level. Adjust as necessary.	⬭		⬭		⬭		⬭		⬭	
3. Check the engine coolant level. Adjust as necessary.	⬭		⬭		⬭		⬭		⬭	
4. Check the engine coolant thermal protection level. Correct as necessary.							⬭		⬭	
5. Check the diesel fuel supply level. Fill as necessary.	⬭		⬭		⬭		⬭		⬭	
6. Drain water and sediment from the diesel fuel tank.			⬭		⬭		⬭		⬭	
7. Drain water from the fuel line water separator if the unit is equipped with one.			⬭		⬭		⬭		⬭	
8. Check the air inlets and outlets for debris. Clean as necessary.	⬭		⬭		⬭		⬭		⬭	
9. Check the battery electrolyte level if accessible. Adjust as necessary.	⬭		⬭		⬭		⬭		⬭	
10. Check the battery posts, cables, and charger for loose connections, corrosion, and proper operation Correct as necessary.	⬭		⬭		⬭		⬭		⬭	
11. Check the unit wiring for loose connections, corrosion, and damage. Correct as necessary.							⬭		⬭	

Maintenance Tasks	Level 1 Recommended to be done monthly/ 10 hrs.	Task Comp. (Date-Initials)	Level 2 Required to be done 6 months/ Break-in 50 hrs.	Task Comp. (Date-Initials)	Level 3 Required to be done Semi-annually/ 50 hrs.	Task Comp. (Date-Initials)	Level 4 Required to be done Annually/ 100 hrs.	Task Comp. (Date-Initials)	Level5 Required to be done Bi-annually/ 250 hrs.	Task Comp. (Date-Initials)
12. Check the engine accessory drive belts for wear, weather cracking, and damage. Replace as necessary.							⬭		⬭	
13. Check the engine valve clearance. Adjust as necessary.							⬭		⬭	
14. Visually inspect the unit looking for leaks, wear or damage, loose connections or components, and corrosion. Correct as necessary.	⬭		⬭		⬭		⬭		⬭	
15. Test the engine and transfer switch safety devices. Correct and/or adjust as necessary.							⬭		⬭	
16. Initiate an automatic start and transfer of the unit to site load and exercise it for at least 1 hour looking for leaks, loose connections or components, and abnormal operating conditions. Correct as necessary.			⬭		⬭					

Maintenance Tasks	Level 1 Recommended to be done monthly/ 10 hrs.	Task Comp. (Date-Initials)	Level 2 Required to be done 6 months/ Break-in 50 hrs.	Task Comp. (Date-Initials)	Level 3 Required to be done Semi-annually/ 50 hrs.	Task Comp. (Date-Initials)	Level 4 Required to be done Annually/ 100 hrs.	Task Comp. (Date-Initials)	Level5 Required to be done Bi-annually/ 250 hrs.	Task Comp. (Date-Initials)
17. Start and exercise the unit at full rated load (use a load bank if the site load is not enough) for at least 2 hours looking for leaks, loose connections or components, and abnormal operating conditions. Correct as necessary.							●		●	
18. Perform an engine oil analysis (send a sample to a lab for results). Change the engine oil and filters if the analysis results indicate this is required.							●			
19. Change the engine oil.			●						●	
20. Replace the engine oil filter(s).			●						●	
21. Replace engine fuel filter(s) and re-prime the fuel system.			●						●	
22. Replace the engine air filter(s).									●	
23. Perform a 5 minute no-load operational run of the unit looking for any post service problems.			●						●	
24. Return the unit to standby setup for operation when required.	●		●		●		●		●	

QUICK REFERENCE PARTS LISTING FOR DIESEL ENGINES (UNITS UP TO 400 KW)

1.0 LITER DIESEL (ISM)

Oil Filter 0709390126
Fuel Filter 069858
Air Filter (Canister) 077078C
Air Filter (Molded Plastic) 070941
V-belt 046233
Glow Plug 0709390332
Water Pump 0709390265
Water Pump Gasket
(between Engine and Set Plate) 0709390269
Water Pump Gasket
(between Set Plate and Water Pump) 0709390272

1.3 LITER DIESEL (ISM)

Oil Filter 053819
Fuel Filter 055924
Air Filter 053934
Thermostat 054803
Thermostat Gasket 054802

2.2 LITER DIESEL (MAZDA)

Oil Filter (pre 1987) 0554410101
Oil Filter (post 1987) 0670570304
Fuel Filter (pre 1987) 055184
Fuel Filter(post 1987) 0670570363
Air Filter (pre 1987) 0577780100
Air Filter (Paper - post 1987) 062784
Air Filter (Plastic - post 1987) 073912
V-belt (pre 1987) 058012
V-belt(post 1987) 036290
Water Pump (pre 1987) 0554410294
Water Pump Gasket (pre 1987) 0554410297
Water Pump(post 1987) 0670570310
Water Pump Gasket(post 1987) 0670570312
Thermostat and Gasket (pre 1987) 0554410304
Thermostat Gasket (pre 1987) 0554410305
Timing Belt(post 1987) 0670570230
Thermostat Gasket(post 1987) 0670570102
Timing Belt(post 1987) 0670570230

2.4 LITER DIESEL (KIA)

Oil Filter 099600
Fuel Filter Element 098110S
Air Filter 073912
V-belt (Delco Alternator) 058012
V-belt (Generac Alternator) 0969540336
Thermostat 0969540342
Thermostat Gasket (square) 057750
Thermostat Gasket (hexagonal) 097279
Water Pump 0969540332
Water Pump Gasket 0969540297
Glow Plug 0969540339

3.0 LITER DIESEL (MAZDA)

Oil Filter 0577780101
Fuel Filter (Spin On) 0577780102
Fuel Filter (Drop In) 0670570363
Air Cleaner (Molded Plastic) 073267
Air Cleaner (Element Type) 0577780100
V-belt 058012
Water Separator 073848
Fuel Solenoid (Old) 0577780393
Fuel Solenoid (New) 079966
Water Pump 0577780484
Water Pump Gasket 0577780470
Thermostat 0708740273
Thermostat Gasket 057750

3.0 LITER DIESEL (KIA)

Oil Filter (Naturally Aspirated) 0C29200215
Oil Filter (Turbocharged) 096701
Fuel Filter Element 098110S
Air Cleaner 0C3427
Air Cleaner (Optional 2-stage Kit
for Turbocharged Units) 065232
Thermostat 0C29200268
Thermostat Gasket 0C6960

3.3 LITER DIESEL (DAEWOO)

Oil Filter 0C27100284
Fuel Filter Cartridge 0C27100411
Air Cleaner 0C2725
Thermostat 0C27100306
Thermostat Gasket 0C27100311
Fan Belt 0C27100328

4.0 LITER DIESEL (HINO)

Oil Filter 0642380524
Fuel Filter (Pre 1988) 0642380325
Fuel Filter (Post 1988) 0716960102
Air Filter (Canister) 065234
Air Filter (Molded Plastic) 090749
V-belts (set of two) 0642380418
Water Separator 0642380340
Water Pump 0642380366
Thermostat (early) 0642380355
Thermostat (late) 0856770200
Thermostat Gasket 0642380352

QUICK REFERENCE PARTS LISTING FOR DIESEL ENGINES (UNITS UP TO 400 KW)

4.3 LITER DIESEL (GM LT6/LT7)

Oil Filter (LT6)	.074473
Oil Filter (LT7)	.088204
Fuel Filter	.078003A
Air Filter (2 per engine)	.073912
Remote Oil Filter	.083829
V-belt	.037793
Starter (LT6)	.079195
Starter (LT7)	.079196
Water Pump	.079175
Water Pump Gasket	.074491
Glow Plugs	.079193
Thermostat	.075885
Thermostat Gasket	.048665

5.0 LITER DIESEL (IVECO) (SERIES ONE)

Oil Filter	.096770
Fuel Filter (2 per engine)	.0670570363
Air Filter (7-3/4" OD)	.090625
Air Filter (8-1/2" OD)	.090749
V-belt (set of two)	.095280
Thermostat	.0963830341
Thermostat Gasket	.0963830334
Water Pump	.0963830322
Water Pump Gasket	.0963830330

5.0 LITER DIESEL (IVECO) (SERIES TWO)

Oil Filter	.096701
Fuel Filter (2 per engine)	.0670570363
Air Filter (40/50/60/80 kW)	.090749
Air Filter (100 kW)	.089216
Air Filter (125 kW)	.090625
V-belt (set of two)	.095280
Thermostat	.0963830341
Thermostat Gasket	.0963830334
Water Pump	.0924600155
Water Pump Gasket	.0924610173

6.4 LITER DIESEL (HINO)

Oil Filter	.0554950100
Fuel Filter (Drop In)	.0554950537
Fuel Filter (Spin On)	.0716960102
Air Filter (80/100 kW)	.058763
Air Filter (125kW)	.073387
Air Filter (150kW)	.076554
Air Filter (Plastic - 1992 and later)	.090625
V-belt	.0554950426
Water Separator	.073847
Water Pump	.0554950396
Water Pump Gasket	.0554950398
Thermostat	.0590890624
Thermostat Gasket	.0554950403

7.5 LITER DIESEL (IVECO)

Oil Filter	.96701
Fuel Filter (2 per engine)	.0670570363
Air Filter	.090625
V-belt (set of two)	.095280
Thermostat	.0963830341
Thermostat Gasket	.0924610165
Water Pump	.0924610172
Water Pump Gasket	.0924610173
V-belt (1/2 x 57)	.089176

12.0 LITER DIESEL (MITSUBISHI)

Main Oil Filter	.0A53990234
Bypass Oil Filter	.0A53990233
Element Kit, Main & Bypass Oil Filters	.0A53990445
Fuel Filter	.0A53990244
Air Cleaner	.061701
Element, Oil Cooler	.0A53990236
Thermostat Kit (w/gaskets)	.0A53990279
Thermostat Gasket	.0A53990280
Water Pump	.0A53990274
Water Pump Gasket	.0A53990432
Belt, Water Pump	.0A53990276
Belt, Alternator	.0A43990275

13.3 LITER DIESEL (HINO)

Oil Filter (Primary)	.0590890101
Oil Filter (Bypass)	.0590890102
Fuel Filter (Drop In)	.0590890100
Fuel Filter (Spin On)	.0667670100
Air Filter (pre 1987)	.060165
Air Filter (post 1988)	.061701
Water Pump. V-belt (below 200 kW)	.0590890625
Water Pump. V-belt (230/250/275 kW)	.079930
Alternator V-belt	.0768150290
Water Separator	.0642380340
Starter Solenoid (pre 1992)	.0590890807
Starter Solenoid (post 1992)	.0768150100
Thermostat	.0590890624
Thermostat Gasket	.0590890605
Water Pump	.0590890596
Water Pump Gasket	.0590890595
Fuel Feed Pump	.0768150211

16.0 LITER DIESEL (MITSUBISHI)

Oil Filter	.0A53990234
Bypass Oil Filter	.0A53990233
Element Kit, Main & Bypass Oil Filters	.0A53990445
Fuel Filter	.0A53990244
Air Cleaner	.0C1993

QUICK REFERENCE PARTS LISTING FOR GAS ENGINES (UNITS UP TO 400 KW)

1.0/1.2 LITER GAS (NISSAN)

Oil Filter	.075755
Fuel Filter	.074016
Air Filter	.073912
V-belt	.079173
Tune Up Kit	.082036
Spark Plug (4 per engine)	.0698280296
Thermostat	.0698280503
Thermostat Gasket	.0698280506
Distributor Rotor	.0698280314
Distributor Cap	.0698280315
Distributor Points	.0698280320
Distributor Condenser	.0698280307
Water Pump Assembly	.0709650146
Water Pump Gasket	.0698280501
Spark Plug Wires	.0698280355

1.3 LITER GAS (MAZDA)

Oil Filter	.052241
Fuel Filter	.029608
Air Filter	.059402
10kW V-belt	.043776
20kW V-belt	.039379
Spark Plug (4 per engine)	.052965
Spark Plug Wires	.052966
Water Pump	.052908
Water Pump Gasket	.052911
Thermostat	.052927
Thermostat Gasket	.056958
Coil Wire	.066049
Distributor Cap	.052471
Distributor Points	.052475
Distributor Rotor	.052473
Distributor Condenser	.052483

1.5 LITER GAS (MITSUBISHI)

Oil Filter	.0A45310244
Air Cleaner	.059402
Spark Plug (4 per engine)	.0A45310275
Spark Plug Wires	.0A45310272
Distributor Cap	.0A45310261
Distributor Rotor	.0A45310264
Thermostat	.075885
Thermostat Seal Ring	.0A5554
PCV Valve	.0A45310105
Valve Timing Belt	.0A45310199
Water Pump	.247-A
V-belt (1800 RPM)	.0A5275
V-belt (3600 RPM)	.0A5586

1.6 LITER GAS (FIAT)

Oil Filter	.099021
Air Filter	.073912
Actuator	.098290
Controller	.098647K
Champion Plug (4 per engine)	.RN9YC
Spark Plug Wires	.0973900275
Distributor Cap	.0973900268
Distributor Rotor	.0973900269
Ignition Coil	.072557
Ignition Coil Wire	.098852
Fan Belt (1800 RPM)	.020621
Fan Belt (3600 RPM)	.020439
Water Pump Belt	.075130
Water Pump	.0973900265
Water Pump Gasket	.0973900261
Thermostat	.0973900247
Timing Belt	.0973900182

2.3 LITER GAS (FORD)

Oil Filter (Fram)	.PH8
Air Filter	.073912

2.5 LITER GAS (GM)

Oil Filter	.055505
Fuel Filter	.053244
Air Filter	.044088
Water Pump	.058015
Water Pump Gasket	.048665

2.6 LITER GAS (MITSUBISHI)

Oil Filter	.052241
Air Filter	.062780
Fuel Filter	.053244
V-belt	.062245A285
Spark Plug (4 per engine)	.062245A392
Spark Plug Wires	.062245A387
Coil Wire	.062245A394
Coil	.062245A394
Distributor Cap (Screw Type)	.062245A314
Distributor Cap (Clip Type)	.062245A407
Distributor Rotor	.062245A343
Carburetor	.053959
Thermostat	.062245A340
Thermostat Gasket	.062575
Governor V-belt	.040080
Fan V-belt	.066672
Water Pump and Gasket Kit	.062245A289
Water Pump Gasket	.062245A290

QUICK REFERENCE PARTS LISTING FOR GAS ENGINES (UNITS UP TO 400 KW)

3.0 LITER GAS (GM)

Oil Filter	055505
Fuel Filter	053244
Air Filter	073267
Distributor Cap	0887780215
Distributor Rotor	0887780216
Spark Plug (4 per engine)	0887780229
Spark Plug Wires	0887780249
Ignition Wires (Set)	0887780249
Ignition Module	0887780222
Coil Wire	0887780248
Distributor Ignition Module	0887780222
Water Pump	0887780113
Water Pump Gasket	0887780109
Thermostat (91-93)	0887780194
Thermostat (94)	0887780195
Thermostat Gasket	0887780196

4.3 LITER GAS (GM)

Oil Filter	0A37970001
Air Filter (11-1/2" x 3-1/2")	0A4637
Distributor Cap	0A37970201
Distributor Pick Up Coil	0A37970191
Distributor Ignition Module	0A37970193
Distributor Rotor	0A37970195
Ignition Coil	0A37970198
Thermostat	075885
Thermostat Gasket	0A2440

5.0 LITER GAS (GM)

Oil Filter	055505
Fuel Filter	029608
Air Filter	060834
Spark Plug (8 per engine)	059503
Plug Wires	055490
Water Pump	0758720173
Thermostat (1991)	0758720283
Thermostat (1992-1994)	0758720284
Thermostat Gasket	0887780196
Water Pump Gasket (2 required)	0758720177
Governor V-belt (Natural & LP Gas Units)	066005
Governor V-belt (Gasoline Units)	035736
Alternator V-belt	059324
Distributor Cap	0758720 218
Distributor Rotor	0758720 221

5.7 LITER GAS (GM)

Oil Filter	055505
Fuel Filter	029608
Air Filter	060834
Spark Plug (8 per engine)	059503
Spark Plug Wires	055490
Water Pump	0758720173
Water Pump Gasket (2 required)	0758720177
Thermostat (1991)	0758720283
Thermostat (1992-1994)	0758720284
Distributor Cap	0758720218
Distributor Rotor	0758720221
Governor V-belt (Natural & LP Gas Units)	066005
Governor V-belt (Gasoline Units)	035736
Alternator V-belt	059324

7.4 LITER GAS (GM)

Oil Filter	055505
Fuel Filter	029608
Air Filter	060834
Spark Plug (8 per engine)	0767850171
Spark Plug Wires	055508
Thermostat	075885
Timing Chain	0767850118
Water Pump	0767850123
Water Pump Gasket (2 required)	0767850122
V-belt (3/8" x 49-1/8")	055462
V-belt (3/8" x 52-7/8")	058785

13.3 LITER GAS (HINO)

Oil Filter (primary)	0590890101
Oil Filter (bypass)	0590890102
Air Filter	084288
V-belt	0590890625
V-belt (230/250/275 kW)	079930
Thermostat	0590890624
Thermostat Gasket	0590890605
Coolant Pump Assembly	0590890596
Water Pump O-ring	0590890670
Spark Plug (6 per engine)	084750
Ignition Wire	084261
CDI Ignition Controller	084206A
Ignition Coil	084206B
Magnetic Pick Up Ignition	084206C

QUICK REFERENCE PARTS LISTING FOR UNITS ABOVE 400 KW (DIESEL & GAS)

14.6 LITER DIESEL (MITSUBISHI)

Main Oil Filter (2 per engine) 0A37510100
Bypass Oil Filter 0A37510101
Fuel Filter 0A37510102
Air Filter 0A4253

18.5 LITER DIESEL (MITSUBISHI)

Main Oil Filter (2 per engine) 0A37510100
Bypass Oil Filter 0A37510101
Fuel Filter 0A37510102
Air Filter 0A4253

24.5 LITER DIESEL (MITSUBISHI)

Main Oil Filter (2 per engine) 0A37530100
Bypass Oil Filter 0A37530101
Fuel Filter (2 per engine) 0A37510102
Air Filter 0A4253

33.9 LITER DIESEL (MITSUBISHI)

Main Oil Filter (4 per engine) 0A37510100
Bypass Oil Filter 0A37530101
Fuel Filter (2 per engine) 0A37510102
Air Filter (2 per engine) 0A4253

37.0 LITER DIESEL (MITSUBISHI)

Main Oil Filter (4 per engine) 0A37550100
Bypass Oil Filter 0A37510101
Fuel Filter (4 per engine) 0A37510102
Air Filter (2 per engine) 0A4253

49.0 LITER DIESEL (MITSUBISHI)

Main Oil Filter (4 per engine) 0A37530100
Bypass Oil Filter 0A37530101
Fuel Filter (4 per engine) 0A37510102
Air Filter (2 per engine) 0A4253

65.4 LITER DIESEL (MITSUBISHI)

Main Oil Filter (4 per engine) 0A37530100
Bypass Oil Filter 0A37530101
Fuel Filter (4 per engine) 0A37510102
Air Filter (4 per engine) 0A4253

22.0 LITER DIESEL (DAEWOO)

Oil Filter (2 per engine) 0C46930269
Fuel Filter 0C46930450
Air Filter (2 per engine) 0C1993
Thermostat 0C46930330
Thermostat Gasket 0C46930332
Water Pump 0C46930333
Water Pump Gasket 0C46930334

24.0 LITER GAS (GUASCOR)

Oil Filter (3 per engine) 0C59420495
Fuel Filter 0C8251
Air Filter 0C7481
Spark Plug (8 per engine) 0C59420497

48.0 LITER GAS (GUASCOR)

Oil Filter (3 per engine) 0C59410443
Fuel Filter 0C8251
Air Filter (2 per engine) 0C7481
Spark Plug (16 per engine) 0C59420497

KITS FOR GAS ENGINE SCHEDULED MAINTENANCE PROGRAMS

(Not available for all engine sizes)

1.0/1.2 LITER GAS (NISSAN)

Oil/Gas Fuel/Air Filter Kit 07096500PM
Oil/Gas Fuel Filter Kit 070965A0PM

1.3 LITER GAS (MAZDA)

Oil/Gas Fuel Filter Kit 05230000PM
Oil/Gas Fuel/Air Filter Kit 052300A0PM

1.5 LITER GAS (MITSUBISHI)

Oil/Air Filter Kit 0A4531A0PM
Oil Filter Only 0A45310244

1.6 LITER GAS (FIAT)

Oil/Air Filter Kit 09739000PM
Oil Filter Only 099021

2.6 LITER GAS (MITSUBISHI)

Oil/Gas Fuel Filter Kit 062245A0PM
Oil/Gas Fuel/Air Filter Kit 062245AAPM

3.0 LITER GAS (GM)

Oil/Air Filter Kit 0A708300PM
Oil Filter Only 055505
Fuel Filter Only 053244

4.3 LITER GAS (GM)

Oil/Air Filter Kit 0A379700PM
Oil Filter Only 0A37970001

5.0, 5.7, 7.4 LITER GAS (GM)

Oil/Gas Fuel/Air Filter Kit 08303400PM
Oil/Gas Fuel Filter Kit 083034A0PM

13.3 LITER GAS (HINO)

Oil/Bypass Oil Filter Kit 08476100PM
Oil/Bypass Oil/Air Filter Kit 084761A0PM

24.0 LITER GAS (GUASCOR)

Oil/Gas Fuel/Air Filter Kit 0C594200PM
Oil/Gas Fuel Filter Kit 0C5942A0PM

48.0 LITER GAS (GUASCOR)

Oil/Gas Fuel/Air Filter Kit 0C594100PM
Oil/Gas Fuel Filter Kit 0C5941A0PM

KITS FOR DIESEL ENGINE SCHEDULED MAINTENANCE PROGRAMS

(Not available for all engine sizes)

1.0 LITER DIESEL (ISM)

Oil/Fuel Filter Kit 07093900PM
Air Filter (Canister Type) 077078C
Air Filter (Molded Plastic) 070941

2.2 LITER DIESEL (MAZDA)

Oil/Fue/Air Filter Kit 06705700PM
Oil/Fuel Filter Kit 067057A0PM

2.4 LITER DIESEL (KIA)

Oil/Fue/Air Filter Kit 09695400PM
Oil/Fuel Filter Kit 096954A0PM

3.0 LITER DIESEL (MAZDA)

Oil/Fue/Air Filter Kit (Canister Type) 07087400PM
Oil/Fue/Air Filter Kit (Molded Plastic) 070874A0PM
Oil/Fuel Filter Kit (w/Spin On Fuel Filter) 070874B0PM
Oil/Fuel Filter Kit (w/Drop In Fuel Filter) 070874C0PM

3.0 LITER DIESEL (KIA)

Oil/Fuel Filter Kit (Naturally Aspirated) 0C292000PM
Oil/Fuel Filter Kit (Turbocharged) 0C2920A0PM
Air Filter 0C3427
Air Filter (Optional 2 Stage for Turbocharged Units) 065232
Fuel Filter - Complete Assembly 098110

3.3 LITER DIESEL (DAEWOO)

Oil/Fuel Filter Kit 0C271000PM
Oil/Fuel/Air Filter Kit 0C2710A0PM

4.0 LITER DIESEL (HINO)

Oil/Fuel Filter Kit (pre 1988) 06423800PM
Oil/Fuel Filter Kit (post 1988) 064238A0PM
Air Filter (Canister Type) 065234
Air Filter (Molded Plastic) 090749

4.3 LITER DIESEL (GM-LT6)

Oil/Fuel/Air Filter Kit 07447400PM
Oil/Fuel Filter Kit 074474A0PM
Remote Oil Filter 083829

4.3 LITER DIESEL (GM-LT7)

Oil/Fuel/Air Filter Kit 07447500PM
Oil/Fuel Filter Kit 074475A0PM
Remote Oil Filter 083829

5.0 LITER DIESEL (IVECO) (SERIES ONE)

Oil/Fuel Filter Kit 09638300PM
Air Filter (7-3/4" O.D.) 090625
Air Filter (8-1/2" O.D.) 090749

5.0 LITER DIESEL (IVECO) (SERIES TWO)

Oil/Fuel Filter Kit 09246000PM
Air Filter (40/50/60/80/kW) 090749
Air Filter (100 kW) 089216
Air Filter (125 kW) 090625

6.4 LITER DIESEL (HINO)

Oil/Fuel Filter Kit (w/Drop In Fuel Filter) 05549500PM
Oil/Fuel Filter Kit (w/Spin On Fuel Filter) 055495A0PM
Air Filter (80/100 kW) 058763
Air Filter (125 kW) 073387
Air Filter (150 kW) 076554
Air Filter (Plastic - 1992 and Later) 090625

7.5 LITER DIESEL (IVECO)

Oil/Fuel/Air Filter Kit 09246100PM
Oil/Fuel Filter Kit 092461A0PM

12.0 LITER DIESEL (MITSUBISHI)

Oil/Bypass Oil/Fuel Filter Kit 0A539900PM
Oil/Bypass Oil/Fuel/Air Filter Kit 0A5399A0PM

13.3 LITER DIESEL (HINO)

Oil/Bypass Oil/Fuel/Air Filter Kit (w/Drop In Fuel Filter) 07681500PM
Oil/Bypass Oil/Fuel/Air Filter Kit (w/Spin On Fuel Filter) 076815A0PM
Oil/Bypass Oil/Fuel Filter Kit (w/Drop In Fuel Filter) 076815B0PM
Oil/Bypass Oil/Fuel Filter Kit (w/Spin On Fuel Filter) 076815C0PM

16.0 LITER DIESEL (MITSUBISHI)

Oil/Bypass Oil/Fuel Filter Kit 0A539900PM
Oil/Bypass Oil/Fuel/Air Filter Kit 0A882900PM

22.0 LITER DIESEL (DAEWOO)

Oil/Fuel Filter Kit 0C469300PM
Oil/Fuel/Air Filter Kit 0C4693A0PM

KITS FOR DIESEL ENGINE SCHEDULED MAINTENANCE PROGRAMS

(Not available for all engine sizes)

14.6 LITER DIESEL (MITSUBISHI)

Oil/Bypass Oil/Fuel Filter Kit 0A375100PM
Oil/Bypass Oil/Fuel/Air Filter Kit 0A3751A0PM

18.5 LITER DIESEL (MITSUBISHI)

Oil/Bypass Oil/Fuel Filter Kit 0A375100PM
Oil/Bypass Oil/Fuel/Air Filter Kit 0A3751A0PM

24.5 LITER DIESEL (MITSUBISHI

Oil/Bypass Oil/Fuel Filter Kit 0A375300PM
Oil/Bypass Oil/Fuel/Air Filter Kit 0A3753A0PM

33.0 LITER DIESEL (MITSUBISHI

Oil/Bypass Oil/Fuel Filter Kit 0A375400PM
Oil/Bypass Oil/Fuel/Air Filter Kit 0A3754A0PM

37.0 LITER DIESEL (MITSUBISHI)

Oil/Bypass Oil/Fuel Filter Kit 0A375500PM
Oil/Bypass Oil/Fuel/Air Filter Kit 0A3755A0PM

49.0 LITER DIESEL (MITSUBISHI)

Oil/Bypass Oil/Fuel Filter Kit 0A926800PM
Oil/Bypass Oil/Fuel/Air Filter Kit 0A9268A0PM

65.4 LITER DIESEL (MITSUBISHI)

Oil/Bypass Oil/Fuel Filter Kit 0A927000PM
Oil/Bypass Oil/Fuel/Air Filter Kit 0A9270A0PM

EXAMPLE

GENERAC® POWER SYSTEMS, INC.

SCHEDULED MAINTENANCE PLAN

Model Number_____ Serial Number_____

WAIVER

I have been advised and understand the Scheduled Maintenance Plan offered to me for my Generac Power Systems, Standby Power System. The Scheduled Maintenance Plan would pay for the peace of mind of knowing that my Generac Power Systems, Standby Power System is being maintained per the Manufacturer's scheduled recommendations. Notwithstanding, I hereby decline and waive the right to purchase such coverage for my Generac Power Systems, Standby Power System.

_____ _____
(Customer Signature) (Date)

_____ _____
(Dealer Signature) (Dealer Number) (Date)

Generac Power Systems - White Copy * Dealership - Pink Copy * Customer - Canary Copy

Bulletin 0164200SVE / Printed in USA 6.00

Order Bulletin 0164200SVE

Form Part No. 67377

GENERAC®
POWER SYSTEMS, INC.

START-UP INSPECTION FOR GENERAC POWER SYSTEMS

INSPECTIONS ARE TO BE PERFORMED ONLY BY FACTORY-TRAINED PERSONNEL.

DEALER INFORMATION

NAME: _____
ACCOUNT #: _____
ADDRESS: _____
_____
PHONE: _____
START-UP TECHNICIAN: _____
SIGNATURE: _____

OWNER INFORMATION

NAME: _____
ADDRESS: _____
_____
SITE: _____
PHONE: _____
SIGNATURE: _____

PURCHASE DATE: _____ START-UP DATE: _____

APPLICATION: **Standby Power** **Prime Power** **Rental/Trailerized**

GENERATOR & TRANSFER SWITCH INFORMATION

GENERATOR

MODEL NUMBER: _____
SERIAL NUMBER: _____

ENGINE (IF OTHER THAN GENERAC)

MODEL NUMBER: _____
SERIAL NUMBER: _____

TRANSFER SWITCH

MODEL NUMBER: _____
SERIAL NUMBER: _____

ALTERNATOR (IF OTHER THAN GENERAC)

MODEL NUMBER: _____
SERIAL NUMBER: _____

SYSTEM ELECTRICAL DATA

UTILITY SERVICE

PHASE _____ PHASE ROTATION _____
VOLTS _____ AMPS _____

ALTERNATOR SERVICE

PHASE _____ PHASE ROTATION _____
VOLTS _____ AMPS _____

PRE-START CHECKS

Inspect for the following:

Freight damage (components tight, straight, etc.)
Manuals present
Proper belt alignment and tensions
Governor rod movement and clearance
Fluid levels (oil, coolant, battery(ies), governor, etc.)
Correct gaseous fuel line size and fuel pressure
Static fuel pressure: _____ Inches W.C. / PSI
Correct fuel and exhaust plumbing
Remove cable tie from rain cap
Adequate air flow and ventilation
Correct AC wire sizes and connections
Correct DC wire sizes and connections (route separate from AC)
Proper size battery(ies) per customer order
Block heaters, battery charger, etc. properly matched with utility supply voltage per customer order
Connect barrery(ies) - positive cable first, then negative

Close the AC circuit breaker to block heater and battery charger.

Block heater is operational
Battery charger is operational
Battery charge DC voltage _____
Battery charge DC amperage _____

PREPARATION FOR START-UP

In the transfer switch, set the maintenance disconnect switch to "manual".
Bleed the fuel system
Open the main line circuit breaker

RUNNING CHECKS

With fuel system disabled, place the auto/off/manual switch in the "Auto" mode, close the 2-wire start circuit to have the unit complete its full crank/rest cycle and latch out on an "over-crank" condition. Recheck and verify battery charger voltage and amperage.

DC volts _____ DC Amps _____
Number of crank cycles completed _____

Start the engine, bring up to speed slowly by holding governor linkage. Complete the following:

Check DC alternator output volts _____ amps _____
Adjust AC output frequency (Hz) to correct no-load setting
No-load Hz: _____
Adjust DC control/latch-crank circuit board (if applicable)

RUNNING CHECKS (CONTINUED)

Check no-load AC output voltage. Adjust voltage regulator
No-load voltage A-B _____ B-C _____ C-A _____
A-N _____ B-N _____ C-N _____
Test automatic shutdowns (low oil pressure, low coolant level, high coolant temperature, and overspeed)
Overspeed set-point: _____ Hz/RPM
Engine coolant temperature (hot run) = _____
Oil pressure (hot run) = _____
Check for fluid leaks
Close the generator's main line circuit breaker,
Check for proper voltage and phase rotation at transfer switch
Transfer customer load to generator
Adjust governor and voltage regulator to handle full load (if required)
Load Amps: A _____ B _____ C _____
Full-Load Voltage: A-B _____ B-C _____ C-A _____
A-N _____ B-N _____ C-N _____
Full-load frequency: _____ Hz
Gas Fired Units: Fuel pressure at Regulator inlet (under full-load):
_____ Inches W.C./PSI

TRANSFER SWITCH

Place the Maintenance Disconnect Switch in "Manual", perform the following:

Adjust the Utility Voltage Sensing Circuit Board. See Transfer Switch manual for instructions.
Calibrate the In-Phase Monitor circuit board. See Transfer Switch manual for instructions.
Place Maintenance disconnect switch in "Auto" and run a simulated utility power outage. Check for proper start, run, and transfer.
Restore utility voltage and check for proper re-transfer, cool-down and shutdown.

TRANSFER SWITCH TIMER & SENSOR SETTINGS

Voltage Dropout Sensor _____ Line Interrupt Delay Timer _____
Eng. Minimum Run Time _____ Engine Warm-up Timer _____
Standby Voltage Sensor _____ Standby Freq. Sensor _____
Time Delay Neutral Time _____ Voltage Pickup Sensor _____
Return to Utility Timer _____ Engine Cool-down Timer _____
Exercise Day(s) _____ Exercise Time of Day _____ a.m./p.m.
Function test: Generac-supplied accessories (i.e. - remote annunciator remote relay panel, Genlink, modem, etc.).

Mail White Copy to: Generac Service Department
P.O. Box 310 Eagle, WI 53119

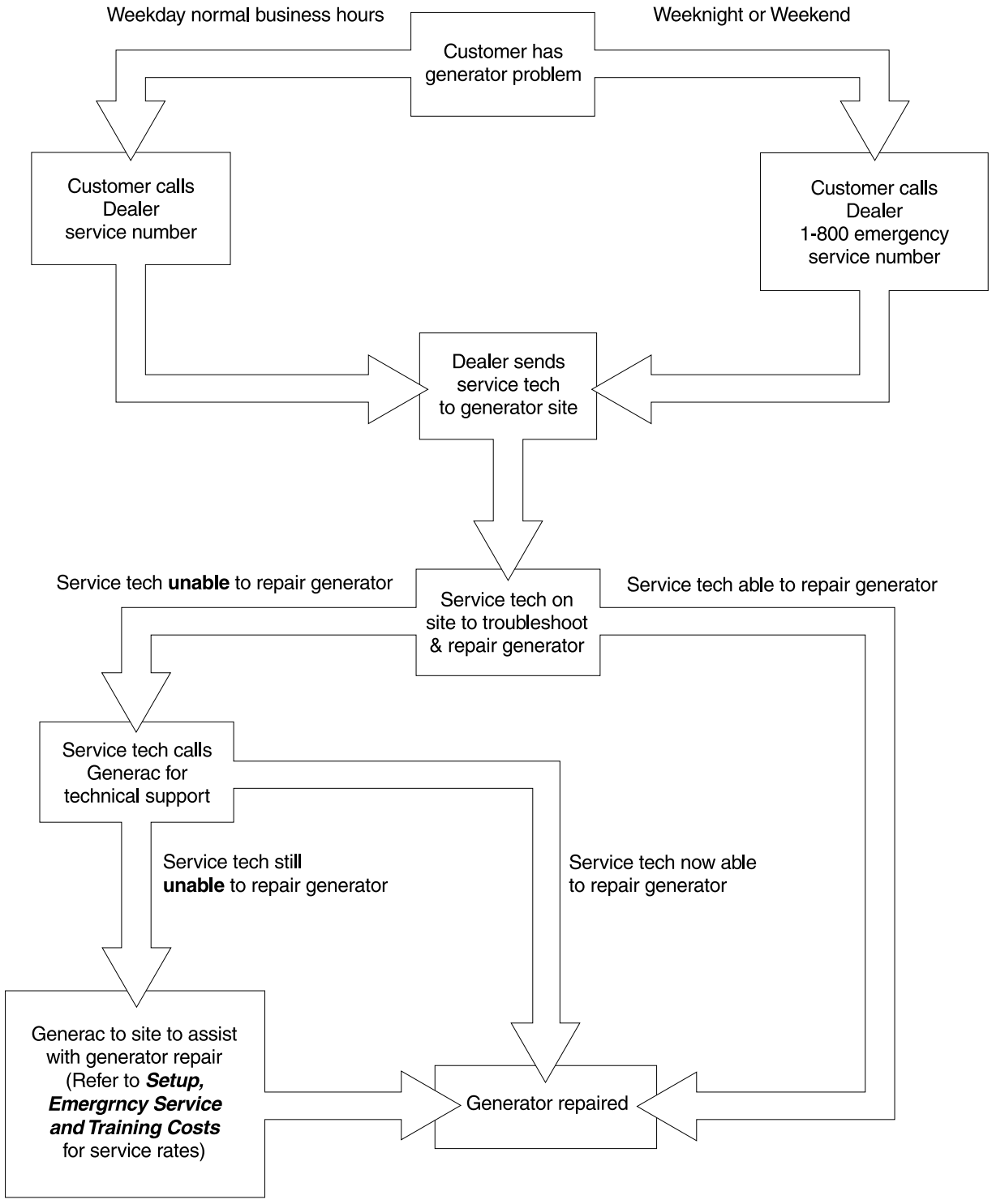
Pink Copy: Dealer's Copy

Yellow: Customer's Copy

Part No. 67377 / Printed in USA 4.95 rev: 02.01

SERVICE RESPONSE FLOW CHART

NOTE: All communication will be through the sales and/or servicing dealer. In no case should the customer contact Generac direct!



STARTUP, EMERGENCY SERVICE, AND TRAINING COSTS FOR FACTORY TECHNICIANS

STARTUP COSTS

Following are the charges that will be incurred and charged to the requesting dealer for the startup of a new generator set when a factory technician is required to be on site:

- $950.00 per day per technician on the job site.
- $475.00 travel per day per technician when no work is performed on the job site.
- $1.10 per mile travel within a 200-mile radius of Generac.
- All incurred airfare expenses per technician outside the 200-mile radius.
- All incurred miscellaneous expenses per technician - i.e., car rental, hotel, meals, etc.
- A minimum of 3 weeks advance notice is required.
- If notice is less than 3 weeks, **rates double**.
- A purchase order is required at the time of request.

EMERGENCY SERVICE COSTS

Following are the charges that will be incurred and charged to the requesting dealer for non-warranty emergency service when a factory technician is required to be on site:

- $150.00 per hour per technician up to 8 hours on the job site.
- $225.00 per hour per technician over 8 hours up to a total of 15 hours on the job site in a single day.
- $75.00 per hour per technician on days no work is performed on the job site (8 hours maximum).
- $1.10 per mile travel within a 200-mile radius of Generac.
- All incurred airfare expenses per technician outside the 200-mile radius.
- All incurred miscellaneous expenses per technician - i.e., car rental, hotel, meals, etc.
- A purchase order is required the next business day following the emergency service request.

TRAINING COSTS

Generac highly recommends and prefers all training take place immediately following completion of the startup. Training days will be charged at the same daily rate as startup days. The dealer / customer is responsible for making arrangements for training facilities, for having personnel at the training, and for letting the factory technicians know when and where the training will take place. Training will be held no later than the day following the startup completion. If there are any days between the startup completion and the training day - i.e., startup completed on Wednesday and training conducted on Friday - the dealer/customer will be charged a full day for those days the factory technicians do not work.

WARRANTY INFORMATION BULLETIN

DATE: April 2000

SUBJECT: Control Numbers/All Water Cooled Product & PTO

EFFECTIVE DATE: Immediate (has been in effect since January, 1994)

This is a reminder to all Generac Power Systems, Inc. Servicing Dealers about the importance of obtaining "Control Numbers" before certain unusual or expensive warranty repairs are performed. As an Authorized Dealer, you are aware that Generac's "Bench Mark" for Control Numbers is any of the following:

- Repairs that exceed $1000.
- Unusual amounts of repair time.
- Multiple trips required to complete repair.
- Cost of parts needed for repair exceeding $1000.

It is a requirement for Authorized Dealers to call and obtain a "Control Number" after inspection but PRIOR to any repairs being made, for any one or more of the above listed reasons.

To obtain a "Control Number" the Authorized Dealer must contact the Technical Service Department at Generac Power Systems, Inc., the telephone number is 262-544-4811 ext. 4345. Control Numbers are not a blank check - the Authorized Dealer must have the following information ready when calling the Generac Technical Service Department.

- Dealer Number.
- Model Number and Serial Number of the genset in question.
- Start-up date.
- Details and cause of problem.
- Details of corrective action required.
- Part Number(s) and cost of necessary part(s) needed to correct failure.
- Cost of necessary flat rate labor hours needed to correct failure.
- Travel time and mileage necessary (if applicable) (Warranty travel limits for standby repairs, 300 miles maximum at $0.35 per mile, and 7.5 hours maximum at $39.00 per hour.)
- Total dollar amount of repair to be covered.

All of the information listed above is required after the unit is inspected but PRIOR to any warrantable repair work is performed.

A copy of the "Control Number" report will be faxed to you by the Technical Service Representative. A copy must be attached to the Warranty Repair Report when submitted for payment.

Failure to obtain a "Control Number" will result in either the warranty repair report being reduced to the scheduled flat rate minimums, or rejected per the terms and conditions of the Generac Power Systems Warranty Policies, Procedures and Flat Rate Manual.

FOR ALL WARRANTY REPAIR REPORTS

Submittal period of Warranty Repair Reports has always been within 30 days of completion of repair. If Warranty Repair Reports are received anywhere between 31 to 60 days after the repair completion date, they are subject to and will be reduced by the application of a 15% late filing charge.

Warranty Repair Reports received after 60 days following the completion of repairs will not be honored. They will be rejected/denied and returned to the Servicing Dealer.

PAYMENT OF WARRANTY REPAIR REPORTS

Payment of a Warranty Repair Report is in the form a a Credit Memo/Check (if applicable). If you believe that more credit is due to you, respond immediately to the Generac Power Systems Warranty Department.

Failure to respond within 30 days of the issued date of the Credit Memo/Check will be considered acceptance of the Credit Memo/Check as full and final payment of the warranty claim.

Credit Memos/Checks that are found to be in error of over payment to Dealers will be invoiced the difference of the amount of overage, anytime the error is discovered and will be notified in writing.

NOTICE: The Warranty Department of Generac Power Systems, Inc. will no longer reconcile Dealer accounts. It is the responsibility of the Dealer to keep track of their own individual records. It is the responsibility of the Dealer to adjust amounts received on their Credit Memos/Checks. It is the responsibility of the Dealer to contact the Warranty Department with any discrepancies within 30 days of Credit Memo/Check issued date. The Warranty Department will not go back any farther than 30 days of that date.

CONTROL NUMBER REPORT

CONTROL NUMBER: _____

Return Authorization Number:_____
(If applicable)

Warranty Claim Number:_____

Issued By:_____

Date:_____

Dealer Name:_____

Dealer Account Number: _____

Dealer Contact Name:_____

Telephone Number:_____Fax Number:_____

MODEL NUMBER:_____

SERIAL NUMBER:_____

Details of Problem: (customer complaint, cause of problem, correction of complaint)

_____

_____

_____

_____

_____

_____

_____

_____

_____

Labor time Allowed:_____at $_____per flat rate hour

(per flat rate hour) (dealers shop rate)

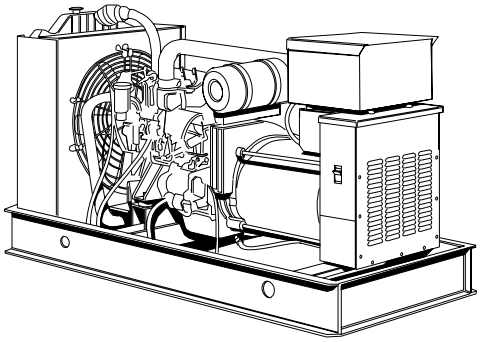
Travel mileage Allowed:_____Travel time allowed:_____

(If maximums are to be exceeded)

TOTAL DOLLAR AMOUNT ALLOWED:$_____

NOTE: ALL LINES ARE TO BE FILLED IN COMPLETELY (Print Legibly)

GENERAL DIAGNOSTIC REPAIR AND SERVICE MANUALS (up to 400 kW)



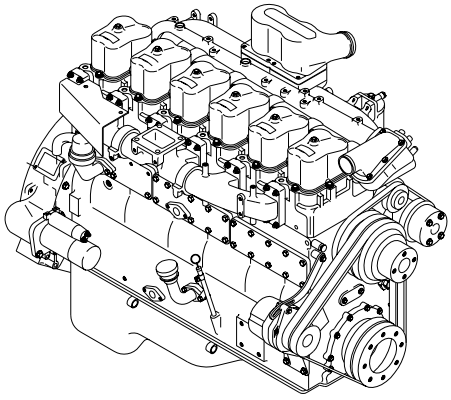
TITLE OF MANUAL	PART #	PRICE	DESCRIPTION
Diagnostic Repair Manual (Pre - 1986)	063185	$10.00	Wiring diagrams, schematics, operational analysis, troubleshooting and repair of standby / prime power generators manufactured prior to 1986. Manual DOES NOT include transfer switch information.
Specifications and Parts	068063	$25.00	Gas and diesel engines used with standby / prime power generators manufactured prior to 1988.
Diagnostic Repair Manual (Post - 1986)	079247	$25.00	Operational analysis, troubleshooting, adjustments and repair of standby / prime power systems manufactured after 1986. Includes automatic transfer switch information.
Diagnostic Repair Manual (Post - 1986) SPANISH	079247S	$30.00	79247 translated for the spanish speaking user
Diagnostic Repair Manual- Pre-packaged Home Standby Systems	083045	$15.00	Troubleshooting, adjustment and repair of 5 & 8 kW air-cooled and 10 through 25 kW liquid cooled pre-packaged home standby and EPS generators and transfer switches.
Diagnostic Repair Manual- “GT” Series Trailer Mounted AC Generators	083201	$15.00	Operational analysis, troubleshooting, adjustment and repair of the “GT” series trailer mounted generator (excludes “GT-10”).
Diagnostic Repair Manual- “GT-10” Series Trailer Mounted AC Generator	083201A	$10.00	Operational analysis, troubleshooting, adjustment and repair of the “GT-10” series trailer mounted AC generator.

GENERAL DIAGNOSTIC REPAIR AND SERVICE MANUALS (up to 400 kW)

TITLE OF MANUAL	PART #	PRICE	DESCRIPTION
Transfer Switch Diagnostic Repair Manual (Pre- 1986) *see NOTE	066858	$20.00	Manual covers operational analysis, troubleshooting, testing and repair of earlier production "GTS" type automatic transfer switches (includes "Y", "T", and "M" types).
Line Failure Transfer Controller- Model 8519-0	057367	$10.00	Instructions and parts listing for early production standby system automatic controller.
Utility Voltage Sensor Retrofit for "GTS" Type automatic transfer switches	064759	$2.00	Instructions for the field installation of all changes needed to reduce the utility voltage sensor circuit board. Applies to "GTS" type automatic transfer switches.
Owner's Manuals for "GTS" Type automatic transfer switches		$20.00	Owner's Manuals cover transfer switch installation and set-up, as well as operating instructions and repair parts listings. To order Owner's Manuals, specify the transfer switch Model Number, Serial Number, rated amperage, and rated voltage.
Engine Generator Power Systems Installers Guide and Reference (GENERAC)	046622	$10.00	Manual covers a wide range of information pertaining to the installation of standby / prime electric power systems. Covered are such topics as generator location and support, air flow needs, cooling air requirements, exhaust systems, fuel systems, AC connection systems, transfer switches, and more. Includes a complete "Specifications and Charts" section.
Engine Generator Power Systems Installers Guide and Reference (OLYMPIAN™)	087640	$10.00	A wealth of information pertaining to the installation of standby / prime electric power systems. Covers a wide range of topics, including standby generator location and support, air requirements, exhaust systems, fuel systems, transfer switches, AC and DC interconnection systems, and more.

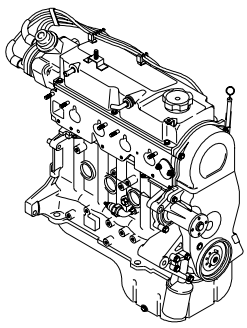
***NOTE: For service information on post- 1986 automatic transfer switches, use part #079247 Diagnostic Repair Manual.**

ENGINE SPECIFIC REPAIR MANUALS FOR LIQUID COOLED ENGINES (up to 400 kW)



Each manual covers disassembly, inspection, adjustment and repair of the specified engine.

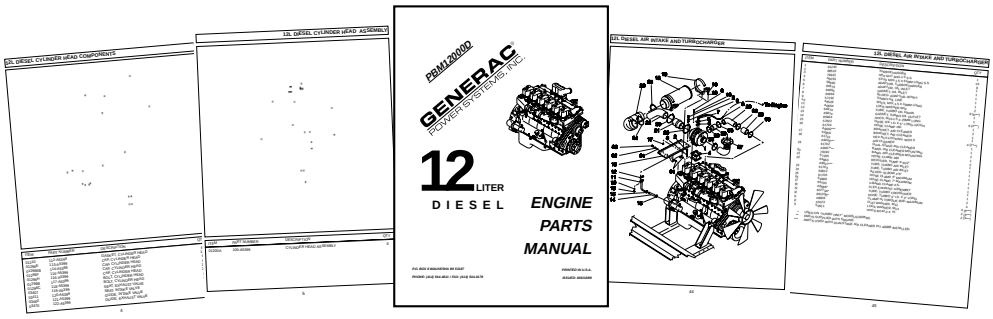
ENGINE REPAIR MANUAL	PART #	PRICE
1.5 Liter Gaseous Engine (Mitsubishi)	0C1947	$15.00
1.6 Liter Gaseous Engine	0A1368	$15.00
2.2 Liter Diesel Engine (Mazda)	099342	$15.00
2.2 Liter Diesel Engine (Isuzu)	0C4768	$15.00
2.4 Liter Diesel Engine (KIA)	0A3024	$15.00
3.0 Liter Diesel Engine (Mazda)	099341	$15.00
3.0 Liter Diesel Engine (KIA)	TBA	TBA
4.0 Liter Diesel Engine (Models 40DT & 40DTA)	092119	$7.50
4.3 Liter Diesel Engine	093863	$10.00
4.3 Liter Gas Engine (GM)	0C8220	$20.00
5.0 & 7.5 Liter Diesel Engines	020033	$15.00
6.4 Liter Diesel Engine	0A8029	$20.00
7.4 Liter Gas Engine (GM)	0C5456	$20.00
12.0 Liter Diesel Engine (Mitsubishi)	0C8222	$20.00
13.3 Liter Diesel Engine	0A8028	$20.00
16.0 Liter Diesel Engine (Mitsubishi)	0C8222	$20.00



ENGINE SPECIFIC PARTS MANUALS FOR LIQUID COOLED ENGINES (up to 400 kW)

Each engine parts manual has a complete breakdown of the original manufacturers parts for the specified engine. Also included are exploded views showing parts commonly attached to the engine in a standby/prime power application (i.e. air filters, turbochargers, fuel injection pumps, etc.). For non engine parts requirements, refer to the unit's owner's manual, or use the "Part Smart" parts look-up system.

ENGINE PARTS MANUAL	PART #	PRICE
1.0 Liter Diesel Engine	010000DPB	$3.00
1.0 / 1.2 Liter Gaseous Engine	010000GPB	$3.00
1.3 Liter Gaseous Engine	013000GPB	$3.00
1.5 Liter Gaseous Engine	015000GPB	$3.00
1.6 Liter Gaseous Engine	016000GPB	$3.00
2.2 Liter Diesel Engine (Mazda)	022000DPB	$3.00
2.2 Liter Diesel Engine (Isuzu)	022000DPBI	$3.00
2.4 Liter Diesel Engine	024000DPB	$3.00
3.0 Liter Gaseous Engine	030000GPB	$3.00
3.0 Liter Diesel Engine (Mazda)	030000DPB	$3.00
3.0 Liter Diesel Engine (KIA)	030000DPBK	$3.00
4.0 Liter Diesel Engine	040000DPB	$3.00
4.3 Liter Diesel Engine	043000DPB	$3.00
5.0 Liter Gaseous Engine	050000GPB	$3.00
5.0 Liter Diesel Engine (Series One)	050000DPB	$3.00
5.0 Liter Diesel Engine (Series Two)	050002DPB	$3.00
5.7 Liter Gaseous Engine	057000GPB	$3.00
7.5 Liter Diesel Engine	075000DPB	$3.00
12.0 Liter Diesel Engine (Mitsubishi)	012000DPBM	$3.00
13.3 Liter Gaseous Engine	013300GPB	$3.00
13.3 Liter Diesel Engine	013300DPB	$3.00
16.0 Liter Diesel Engine (Mitsubishi)	016500DPB	$3.00



ENGINE SPECIFIC REPAIR MANUALS FOR LIQUID COOLED ENGINES (above 400 kW)

Each manual covers disassembly, inspection, adjustment and repair of the specified engine.

ENGINE REPAIR MANUAL	PART #	PRICE
14.6 Liter Diesel Engine (Mitsubishi)	0D3265	TBA
18.5 Liter Diesel Engine (Mitsubishi)	0D3266	TBA
22.0 Liter Diesel Engine (Daewoo)	0D1074	TBA
24.0 Liter Gas Engine (Guascor)	0D1028	TBA
24.5 Liter Diesel Engine (Mitsubishi)	0D3267	TBA
33.9 Liter Diesel Engine (Mitsubishi)	0D3268	TBA
37.0 Liter Diesel Engine (Mitsubishi)	0D3269	TBA
48.0 Liter Gas Engine (Guascor)	0D1031	TBA
49.0 Liter Diesel Engine (Mitsubishi)	0D3270	TBA
65.4 Liter Diesel Engine (Mitsubishi)	0D3271	TBA

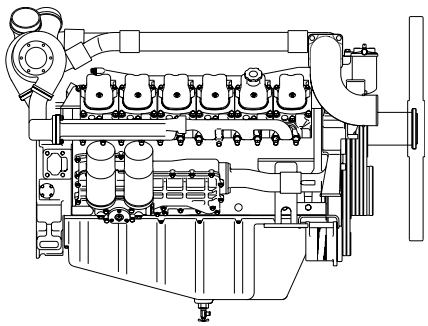
ENGINE SPECIFIC PARTS MANUALS FOR LIQUID COOLED ENGINES (above 400 kW)

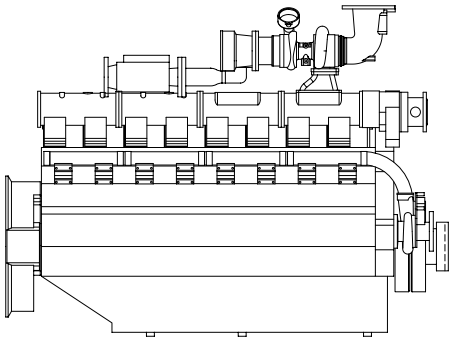
Each engine parts manual has a complete breakdown of the original manufacturers parts for the specified engine.

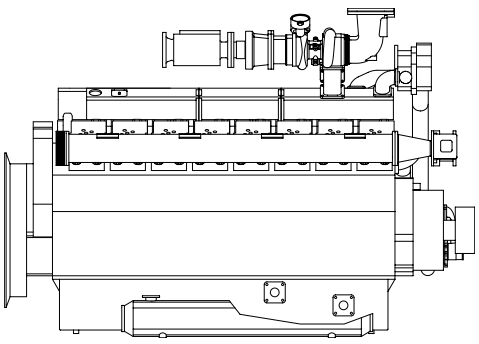
ENGINE PARTS MANUAL	PART #	PRICE
14.6 Liter Diesel Engine (Mitsubishi)	0A6929A	TBA
18.5 Liter Diesel Engine (Mitsubishi)	0A6930A	TBA
22.0 Liter Diesel Engine (Daewoo)	0D1075	TBA
24.0 Liter Gas Engine (Guascor)	0D1027	TBA
24.5 Liter Diesel Engine (Mitsubishi)	0A6931A	TBA
33.9 Liter Diesel Engine (Mitsubishi)	0A6932A	TBA
37.0 Liter Diesel Engine (Mitsubishi)	0A6933A	TBA
48.0 Liter Gas Engine (Guascor)	0D1032	TBA
49.0 Liter Diesel Engine (Mitsubishi S12R-PTA)	0C3493	TBA
49.0 Liter Diesel Engine (Mitsubishi S12R-PTA2)	0C3496	TBA
49.0 Liter Diesel Engine (Mitsubishi S12R-PTAA2)	0C5007	TBA
65.4 Liter Diesel Engine (Mitsubishi S16R-PTA)	0C3491	TBA
65.4 Liter Diesel Engine (Mitsubishi S16R-PTA2)	0C3498	TBA
65.4 Liter Diesel Engine (Mitsubishi S16R-PTAA2)	0C3499	TBA

OPERATION AND MAINTENANCE MANUALS (above 400 kW)

OPERATION AND MAINTENANCE MANUAL	PART #	PRICE
14.6 Liter Diesel Engine (Mitsubishi)	0A6929	TBA
18.5 Liter Diesel Engine (Mitsubishi)	0A6930	TBA
22.0 Liter Diesel Engine (Daewoo)	0D1077	TBA
24.0 Liter Gas Engine (Guascor)	0D1029	TBA
24.5 Liter Diesel Engine (Mitsubishi)	0A6931	TBA
33.9 Liter Diesel Engine (Mitsubishi)	0A6932	TBA
37.0 Liter Diesel Engine (Mitsubishi)	0A6933	TBA
48.0 Liter Gas Engine (Guascor)	0D1030	TBA
49.0 Liter Diesel Engine (Mitsubishi)	0C3494	TBA
65.4 Liter Diesel Engine (Mitsubishi)	0C3495	TBA
Mitsubishi 400 kW - 1020 kW Gensets (Generac)	0A9910	TBA
Mitsubishi 1020 kW - 2000 kW Gensets (Generac)	0C3540	TBA
Daewoo 500 kW & 600 kW Gensets (Generac)	0C9971	TBA
Guascor 500 kW & 950 kW Gensets (Generac)	TBA	TBA
Altronics CPU-95 Ignition System for Guascor Engines	0C8255	TBA
Woodward EGS-01 Engine Control System for Guascor Engines	0C8256	TBA







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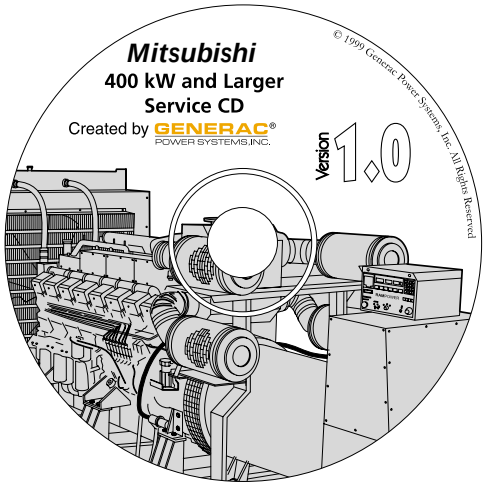

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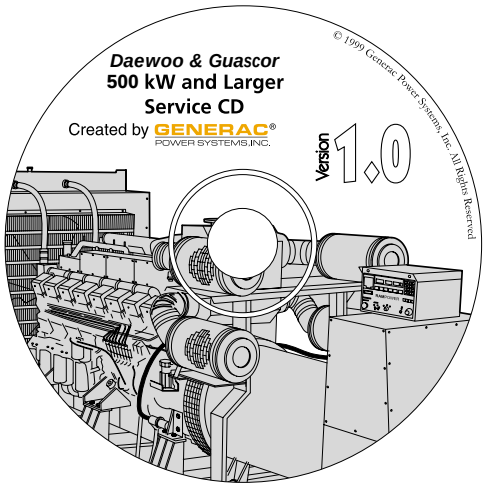

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Fx: 559-781-1875

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