

KOHLER GENERATORS

TT-563 INSTRUCTIONS

FAST RESPONSE SILENCERS

All Models

This instruction sheet includes general installation instructions, part listing, and assembly drawing for all Fast Response Models. If necessary, to identify the correct parts, you must know your silencer type (Industrial, Residential or Critical) and code.

WARNING

HOT PIPING! Exhaust piping becomes very hot—do not install muffler kit until unit is cool.

WARNING

UNIT STARTS WITHOUT NOTICE! Units with Automatic Transfer Switches start automatically. Before doing any work on the generator, turn Generator Main Switch on controller to OFF position. Disable generator set. Place a rag over battery cells to prevent escape of explosive gases. Remove battery cables (remove ground lead first and reconnect it last).

WARNING

LEAD-ACID STARTING BATTERY! Battery generates flammable hydrogen gas and contains acid. Use extreme care when handling or charging battery. Avoid contacting terminals with tools, etc. to prevent burns and to prevent sparks that could cause an explosion. Remove wristwatch, rings and any other jewelry before handling battery. If acid splashes on skin, flush affected areas with cold water for 15 minutes. In case of eye contact, get immediate medical attention. Operate generator set and charge battery only in well ventilated areas.

Installation Instructions

1. Disconnect battery, negative lead first.
2. Attach piping to the engine exhaust manifold on required models (refer to assembly drawing).
3. Attach piping to silencer and position as shown.
4. Place support brackets on top of housing. Set the silencer assembly on support brackets. Position silencer assembly that the flex hose can be attached from the exhaust manifold outlet to the piping off the silencer. After mounting position has been established, place support brackets evenly from each end of silencer. If the silencer overhangs the housing roof, keep the support bracket as far as possible from the housing edge. Do not mount the support to the housing end rail. Mark the mounting location for each support.
5. Move one stiffener (inside housing) to each mounting location. Use a support bracket as a template and drill two holes, $\frac{3}{8}$ " (.375) thru roof and stiffener.
6. Attach support brackets to roof. Place silencer on support brackets.
7. Clamp flex hose to exhaust manifold outlet. Slip the rain disc over flex hose and position $\frac{1}{4}$ - $\frac{1}{2}$ inch (6.35 - 12.7 mm) from housing roof.
8. Clamp other end of flex hose to silencer.
9. Place silencer straps over silencer and attach with hold-down studs.
10. Reconnect battery.

PARTS LISTING

Table 1, Silencers

Silencer No.	Type & Code	Silencer Code
285127	Industrial	I-N
290484	Residential	R-N
290483	Residential	R-BM
285775	Residential	R-M
290496	Critical	C-N
286788	Critical	C-BM
290495	Critical	C-M

Table 2, Silencers

280157	Industrial	I-N
290482	Residential	R-N
290481	Residential	R-BM
285720	Residential	R-M
290494	Critical	C-N
289715	Critical	C-M

Table 3, Silencers

285086	Industrial	I-N
290486	Residential	R-N
290485	Residential	R-BM
285054	Residential	R-M
290490	Critical	C-N
290489	Critical	C-M

Table 4, Silencers

289011	Industrial	I-N
290488	Residential	R-N
290487	Residential	R-BM
285369	Residential	R-M
290493	Critical	C-N
290492	Critical	C-BM

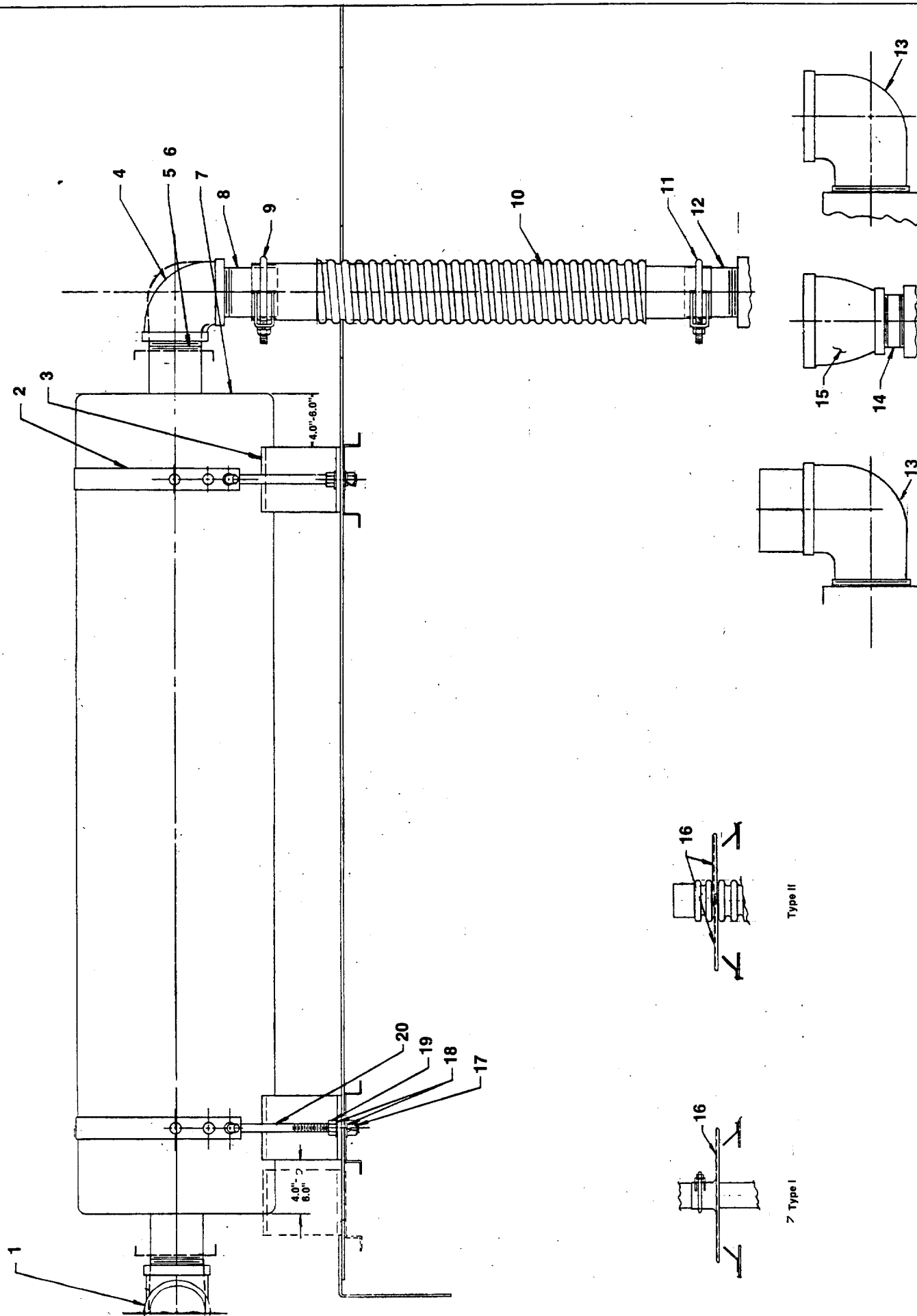
Table 5, Rain Discs

Part No.	Mounting Type	Clamp	Engine Model
291376	I	X-722-3	D-4800TA, JD6466A, JD6619A
291123	II		AC-21000
291122	II		NT-855G
291121	II		D4800T, C-605
291120	II		C-549, D4800
291119	I	286286	G-2300, G-3400, D3400, D-3000T, H-440
291118	I	X-722-2	D-2300, 460

PARTS LISTING (Continued)

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Engine Exhaust Mountings

Figure 1. Installation Drawing