



## INSTRUCTION BULLETIN

No. 340079

Machine: 527-2, 360, 365,  
255 line

Published: 2-98/01

System: ENGINE

**NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in your machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save you the cost of ordering an entire kit.**

*NOTE: Numbers in parenthesis ( ) are reference numbers for parts listed in Bill of Materials.*

Installation Instructions for Kit number 375569

### SYNOPSIS / PROBLEM:

This kit contains the parts needed to replace the existing exhaust manifold on the machines listed above. The old exhaust manifold (part #58049) has been discontinued by the supplier.

Please follow step-by-step instructions.

**SPECIAL TOOLS / CONSIDERATIONS:** Exhaust pipe flaring tool

(Estimated time to complete: 2 hours)

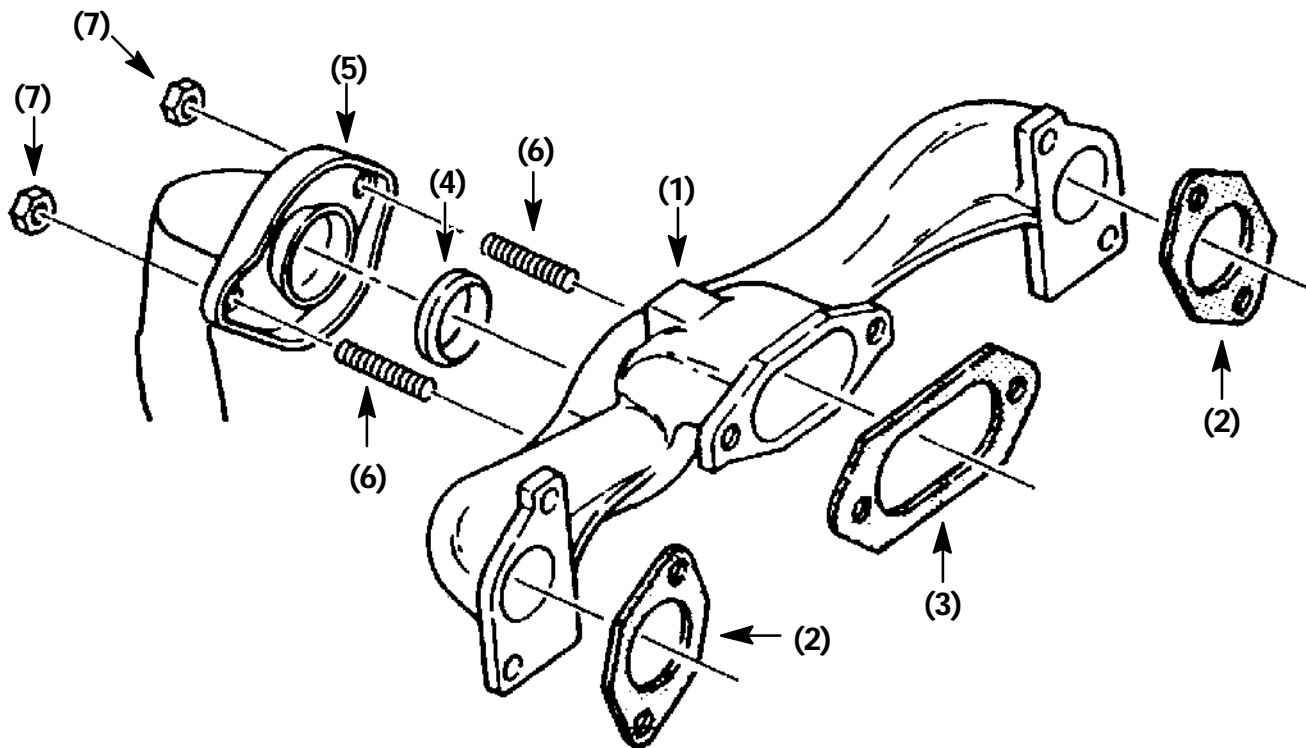
### INSTALLATION:

(Refer to FIG. 1 and 2)

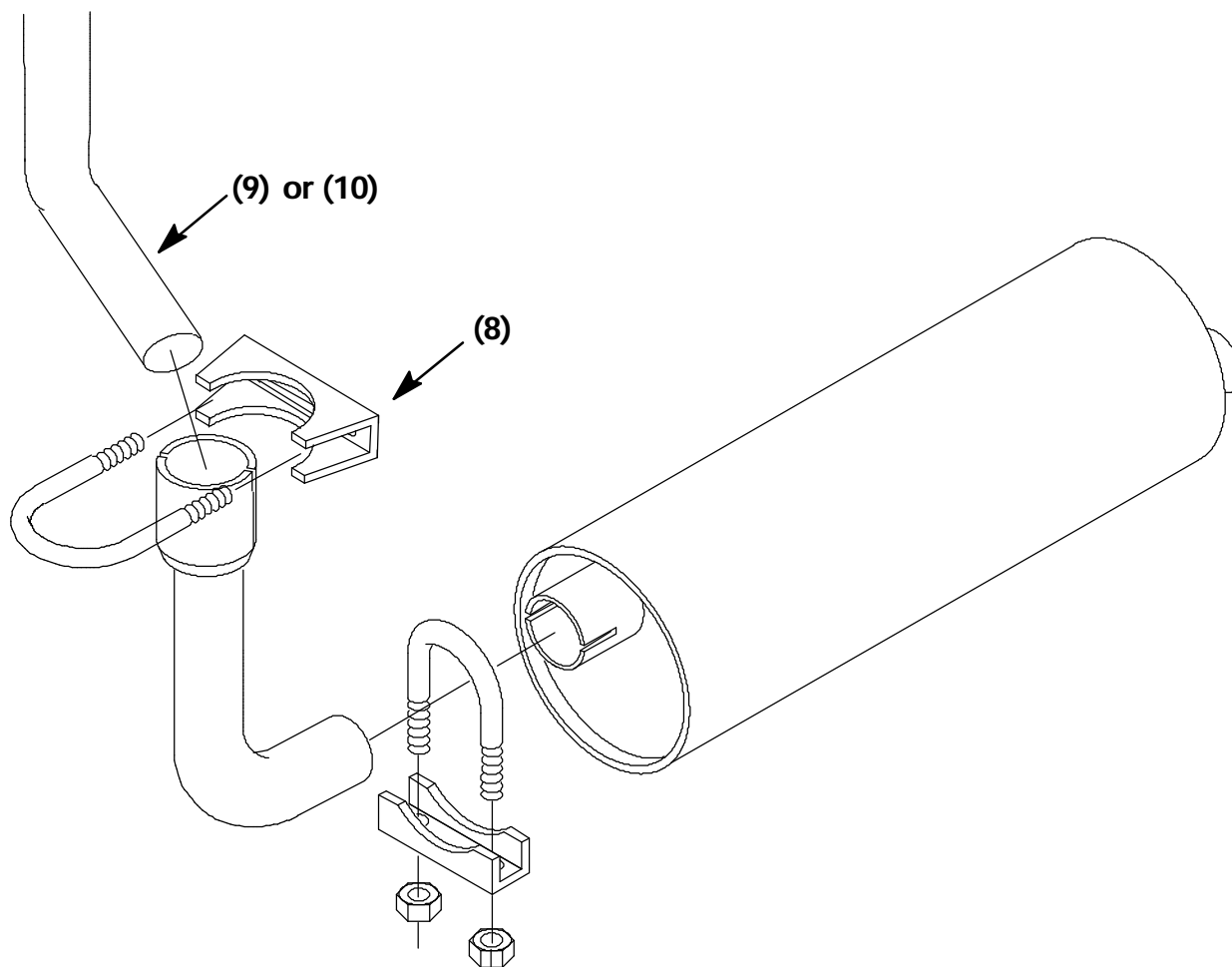
**FOR SAFETY: Before leaving or servicing machine, stop on level surface and set parking brake. Then turn off machine and remove key.**

1. Remove and discard the existing exhaust manifold, exhaust pipe, and muffler clamp.  
(Refer to FIG. 1)
2. Install the two studs (6) into the new manifold (1). (Refer to FIG. 1)
3. Install the new manifold (1) on the engine using the two outside gaskets (2) and one inside gasket (3). (Refer to FIG. 1)
4. Position the new pipe (5) and donut (4) onto the new manifold (1). **Cut the pipes to fit your application.** (Refer to FIG. 1 and 2)
5. Install the lower tube (9 or 10) onto the exhaust pipe (5). (Refer to FIG. 1 and 2)
6. Install the new clamp (8) onto the new pipe (5). (Refer to FIG. 1)
7. Install the lower tube (9 or 10) into the existing muffler.
8. Start the machine and check the new exhaust parts for proper operation.

*NOTE: The extra pipe is for 365 applications.*



**FIG. 1 - Exhaust Manifold, Gaskets, And Hardware**



**FIG. 2 - Exhaust Pipes And Muffler**

**BILL OF MATERIALS FOR EXHAUST MANIFOLD REPLACEMENT KIT 375569**

<b>Ref.</b>	<b>TENNANT Part No.</b>	<b>Description</b>	<b>Qty.</b>
1	32838	Manifold	1
2	54911-21	Gasket (outer)	2
3	54911-20	Gasket (inner)	1
4	32840	Exhaust donut	1
5	374612	Pipe	1
6	32841	Stud	2
7	39312	Nut	2
8	24012-1	Clamp	3
9	82548	Tube	1
10	16341	Tube	1

TENNANT COMPANY  
P. O. Box 1452  
Minneapolis, MN 55440-1452